The University of Tennessee, Knoxville
Undergraduate Council
Minutes of the Meeting
January 31, 2017

Elected Members present: Katherine Ambroziak, Chair, Rachel Chen, Richard Bennett, Ken Baker, John Bell (by proxy George Drinnon), Harriet Bowden, Marianne Custer, Jochen Denzler, Joshua Emery, Nadia Fomin (by proxy Sowjanya Gollapinni), Beth Foster, Frank Guess, Mary Holcomb (by proxy Betsy Gullett), Roxanne Hovland, Yingkui Li, Laurie Meschke, Robert Mindrup, John Scheb, Delores Smith, Heidi Stolz, Richard Strange, Shelia Swift, Belle Upadhyaya, and Aleydis Van de Moortel

Ex-Officio Members present: Chuck Collins, George Drinnon, Jeff Fairbrother, Timothy Hulsey (by proxy Rebekah Page), Barbara Murphy, Bonnie Ownley, Masood Parang, John Stier, Jamia Stokes, and Jason Young (by proxy Katherine Ambroziak)

Student Members present: (none)

Others present: Monique Anderson, Alison Connor, R.J. Hinde, Chris Lavan, and Molly Sullivan

Call to order: A regular meeting of the Undergraduate Council (UGC) was held in the Multipurpose Room of Frieson Black Cultural Center on January 31, 2017. The meeting was called to order at 3:42 pm by Katherine Ambroziak, Chair.

Minutes of the previous meeting: The minutes of the October 18, 2016 meeting were approved without correction or opposition.

Committee Reports (See attached reports)

- Roxanne Hovland presented the Academic Policy Committee's report, which included a proposal to change the wording of the catalog text explaining the policy on second degrees. This was not a change in policy, but an edit to better articulate the policy.
  ACTION: The proposal was approved without opposition.

- Jamia Stokes presented the Advising Committee's report.
  ACTION: No action was needed on this report.

- R.J. Hinde presented reports from the Undergraduate Strategy Working Group, which was formerly called the Undergraduate Planning Group. The presentation included a statement regarding the change of name, which was done to indicate a move from a "planning" group to a "working" group.
  ACTION: No action was needed on this report.

- Heidi Stolz presented the Curriculum Committee's report. The main items were summarized as follows:
  - Experience Learning, which is in its initial year, received a total of 28 proposals, representing six colleges and one intercollegiate unit. Eight proposals were withdrawn by their colleges, one proposal was determined to need revision in order to meet the R-designation criteria, and 19 were approved by the EL subcommittees. At the meeting of the full Curriculum Committee (CC), three of the 19 courses approved by subcommittee were withdrawn by the corresponding college or independent unit.
    ACTION: No action was needed by the UGC on this item, because the remaining 16 courses were incorporated into the submissions by their colleges or units and are part of the information below.

  - The Consent Agenda contains low-impact changes to courses, programs, and catalog text. Many of these changes were necessitated by changes proposed on the Main Agenda, and some were recommendations to drop or archive courses not taught in four or more years. One item was moved from the Consent Agenda to the Main Agenda by the Haslam College of Business. The CC approved all items on the Consent Agenda.
    ACTION: Minor errors were found in the Consent Agenda after the CC's meeting. These errors and their proposed corrections were brought to the attention of the UGC: ESS 434 was listed under the wrong department, FORS 433 contained a typographical error and was subsequently withdrawn by the college, and FORS 435 contained a typo and should show changing from two credit hours to three credit hours. The UGC voted to approve all items on the Consent Agenda as corrected.

  - The College of Agricultural Sciences and Natural Resources (CASNR) changed the name of their Department of Food Science and Technology (FDST) to Food Science (FDSC), updating all courses and programs to reflect the name change. CASNR added, dropped, or revised courses to accommodate changes in best practices within the field or requirements by field-specific accrediting bodies and to revise the sequence of senior year courses in Biosystems Engineering. Ag Leadership, Education, and Communications (ALEC) added two 5-year BS/MS programs in Agricultural and Resource Economics that are in line with the format of UT's other 5-year BS/MS programs, and they ended the Agricultural Science concentration under the ALEC major. Finally, CASNR, along with other colleges, added a statement to their catalog pages to describe the new Peace Corps Prep Program, which was approved by the UGC at its last meeting.
    ACTION: John Stier asked that CASNR be allowed to change the name of their proposed ALEC 442 from "Graphic Design" to "Layout and Design." The UGC voted to approve all CASNR items in the CC's Main Agenda as revised.

- The College of Architecture and Design's (CAD) School of Architecture added, revised, or dropped courses to clarify course content or reorder course sequences and changed their programs to incorporate these changes. The name of the School of Interior Design (IDS) was changed to the School of Interior Architecture (IARC). Courses and programs were changed to reflect the name change.
  ACTION: The UGC voted to approve all CAD proposals.

- The College of Arts and Sciences (CAS) ended the Sustainability concentration and minor in Interdisciplinary Programs (INPG) and the Department of Geography added a Sustainability major and minor, with the major pending approval by THEC. The VolsTeach minors were moved from INPG to Theory and Practice in Teacher Education (TPTE) in the College of Education, Health, and Human Sciences (CEHHS). INPG added Middle East Studies (MEST), a new division with a concentration, minor, and corresponding courses. Women's Studies (WOST) changed its name to Women, Gender, and Sexuality (WGS) with corresponding changes in their concentration, minor, and courses. Modern Foreign Languages and Literatures (MFLL) ended two concentrations in German, adding one new concentration that combines elements of both the dropped concentrations. Political Science added a Law and Courts concentration, and Sociology added both a standard concentration in Critical Race and Ethnic Studies and an honors version. Theatre added two concentrations, one in Acting and one in Design and Technology. The Department of Chemistry made a major revision of their courses to bring the curriculum into line with changes in best practices in the field. Hebrew was moved from INPG to a new division in MFLL. Additions or revisions of courses in other departments were to support changes in department or division names or to respond to student interest or faculty expertise.
  ACTION: After the CC approved these items, we learned that the new BCMB 404 was reusing a course number that is not available for reuse, so this number was changed to BCMB 405. The UGC approved all CAS items with this correction.

- The Haslam College of Business (HCB) increased the number of hours required for a concentration, which then prompted a change in the name of their dual concentrations because students will no longer be completing enough hours for two concentrations. A new Integrated Business and Engineering Program (IBE) concentration was added to all HBC majors except for Public Administration. The IBE is a joint program between the HCB and the Tickle College of Engineering (TCE) and will have stringent admissions requirements. A statement was added to the Entrepreneurship Minor to indicate that students may not earn both the HCB Entrepreneurship minor and the TCE Engineering Entrepreneurship minor. A corresponding statement was added to the Engineering Entrepreneurship minor by the TCE. Courses were added to support changes to programs and one S-designated course was withdrawn.
  ACTION: The UGC approved all items from HCB.

- The College of Communication and Information (CCI) added two R-designated courses.
  ACTION: The UGC approved all proposals from CCI.

- The College of Education, Health, and Human Sciences' (CEHHS) Department of Educational Psychology and Counseling (EPC) proposed the addition of eleven courses designed specifically for their FUTURE students as well as one designed for students in EPC programs. A minor in American Sign Language was added along with the VolsTeach minors, which were moved from CAS. Changes were made to increase the minimum grade required for progression requirements in some programs; and courses were added, dropped, or revised to accommodate new programs or changes in existing programs.
  ACTION: After discussion, the UGC agreed to approve all proposals from CEHHS without change with the exception of the courses designed for FUTURE students. These eleven 100-level Counselor Education (COUN) courses, which are identified in the attached document under the heading "Add and Archive," were approved to be held in Archive status to allow time to gather more information and to talk to additional stakeholders of the FUTURE program while retaining the ability for this body to approve activation of these courses for the 2017-2018 catalog should subsequent conversations lead to that decision. If, however, research and subsequent discussions determine that these courses should not be added, they can easily be removed. It was noted that this is an unconventional use of the Archive status for a unique situation and should not become standard practice.

- The Tickle College of Engineering (TCE), in addition to adding the IBE Program as discussed under the HCB section above, added honors versions of their concentrations and added, dropped, or revised courses to align course numbers across departments within TCE, to improve organization, and to support new programs or changes to existing programs.
  ACTION: The UGC approved all proposals from TCE.

- The College of Nursing (CN) made changes to courses to differentiate between the requirements for the two BSN tracks – traditional and accelerated. Other changes were made to update text and reflect additional course changes.
  ACTION: The UGC approved all proposals from CN.

- The College of Social Work (CSW) added two R-designated courses and updated text to clarify program admission and progression requirements for the 5-year BSSW/MSSW program.
  ACTION: The UGC approved all proposals from CSW.

- The Center for International Education (CIE) added one special topics course as well as the new Peace Corps Prep Program (PCPP). This will be the main catalog entry for the PCPP even though colleges may choose to include information about this program on their individual college pages.

ACTION: The UGC approved all proposals from CIE.

- The Honors and Scholars Programs added two 100-level University Honors (UNHO) courses and withdrew proposals for one R- and one S-designated course at the 400-level. Two new programs were added: the 1974 Scholars Program (a two-year enrichment program focusing on the Volunteer experience) and the Honors Leadership Program (a campus-wide honors leadership program focusing on both leadership theory and practice).
  ACTION: The UGC approved all proposals from Honors and Scholars.

- Supplemental items were driven by actions of the General Education Committee (GEC), resulting in two proposals that were approved by the CC via e-vote after both the CC and the GEC met in January. First, minor changes were made to the Foundations and Perspectives requirements in CAS in order to incorporate courses recently approved by the GEC. In addition, the Communicating through Writing (WC) subcommittee of the GEC noticed that several courses approved by GEC as satisfying the WC general education requirement did not contain the WC's required prerequisite of two semesters of English composition. CC, in cooperation with GEC and the affected colleges, approved adding this requirement to all WC courses approved during the current curriculum cycle.
  ACTION: The UGC approved all supplemental items from the Curriculum Committee.

- Barbara Murphy presented the General Education Committee's report, which included approval of seven general education courses.
  ACTION: The proposal was approved without opposition.

Other: Katherine Ambroziak asked those who are rotating off the UGC to encourage their colleagues to serve on the UGC and asked those whose terms continue into the next curriculum cycle to consider serving in a leadership role. Bonnie Ownley spoke briefly about recent events that are impacting the university and about ways the university is responding to the needs of its faculty, staff, and students. Faculty Senate will share more information as it becomes available.

Adjournment: Katherine Ambroziak adjourned the meeting at 5:08 pm.

Next meeting: Tuesday, February 28, 2017, at 3:40 pm in the Multipurpose Room of Frieson Black Cultural Center.

Minutes submitted by: Molly Sullivan

ACADEMIC POLICY COMMITTEE

The University of Tennessee, Knoxville
Academic Policy Committee
Minutes of the Meeting
November 30, 2016

Call to order: A regularly scheduled meeting of the Academic Policy Committee was held in the Payroll Conference Room, P115, of Andy Holt Tower on November 30, 2016. The meeting was called to order at 1:30 p.m. by Roxanne Hovland, Chair.

Members present: Roxanne Hovland, Chair, Ken Baker, Paul Frymier, Monique Anderson, and Jamia Stokes

Members voting by e-vote: Ruth Darling, John Scheb, and Ryne Tipton

Others present: Mary Albrecht, Richard Bennett, Alison Connor, R. J. Hinde, and Molly Sullivan

Approval of minutes: The minutes of the August 31, 2016 meeting were approved without changes or opposition.

Proposals:

Updated text for the catalog: Catalog text explaining the university's policy regarding completion of a second bachelor's degree, including both the pursuit of two degrees simultaneously and the pursuit of a second bachelor's degree after completion of the first one, was revised for clarity. (See attached.) After a brief discussion, the five members present voted to approve the text. After the meeting, three additional members voted to approve. No members suggested changes or voted against approval.

Items from the floor:

Paul Frymier volunteered to present the report to the Undergraduate Council at their January 31, 2017, meeting in the event that Roxanne Hovland's teaching schedule prevented her attendance at that meeting. Volunteers will be needed for the UGC meetings of February 28 and April 11, 2017, if Roxanne is unable to attend.

Roxanne Hovland reminded the committee that a new chair would be needed for the 2017-2018 academic year and encouraged members to consider serving. Terms are one year. Roxanne is in her second year in the position and is rotating off her college's delegation to the Undergraduate Council.

Adjournment: Roxanne Hovland adjourned the meeting at 1:50 p.m.

Minutes submitted by: Molly Sullivan

REVISE TEXT

Academic Policies and Procedures

General Requirements for a Bachelor's Degree
(Paragraph 1)

The University of Tennessee, Knoxville, requires a minimum of 120 credit hours to earn a bachelor's degree. Students choosing to pursue two degrees simultaneously must complete at least 30 hours in addition to the total hours required for one bachelor's degree. These additional hours apply only to those seeking a second degree and not to students who simultaneously pursue a second major, concentration, or minor. To receive a bachelor's degree, a student must also complete all of the requirements listed below.

Second Bachelor's Degree
Guidelines

A student holding a bachelor's degree from a regionally accredited institution of higher learning may receive a second bachelor's degree from the University of Tennessee, Knoxville. UT students currently pursuing a bachelor's degree may choose to pursue two degrees simultaneously. To earn a second degree, all students must satisfy~~, by satisfying~~ the following.

- Meet all requirements of both degrees.
- Complete at least 30 semester hours in addition to the total hours required for the first bachelor's degree.
- Declare the intention to work for a second bachelor's degree with the academic advisor.

Students are able to enroll in additional post-baccalaureate coursework in lieu of pursuing a second baccalaureate degree. Students are further encouraged to pursue graduate studies toward an advanced degree. Once a bachelor's degree has been awarded, a student may not add a second bachelor's degree in the same major as the first bachelor's degree even if the student wants to pursue a different concentration in that major. A student may not receive a second bachelor's degree in a major that has already been awarded as a minor in a first bachelor's degree.

Rationale: To clarify the requirement for thirty extra hours for a second degree even if both degrees are pursued concurrently.

ADVISING COMMITTEE

The University of Tennessee, Knoxville
Advising Committee
Minutes of the Meeting
November 15, 2016

1. Welcome and call to order
    a. Stokes announced that nominations for Chancellor's Excellence in Advising Awards are now open and deadline is December 15th. http://honorsbanquet.utk.edu/nominations/advising/

2. Approval of Minutes – Motion by Meschke; seconded by Peterman; motion passed unanimously
3. Standing Reports
    a. Academic Advising Leadership Group – Ruth Darling noted that the formal presentation of the Advising 2020 plan will be made to the Deans on Thursday this week. Upon approval, Chancellor Cheek will fund the first year. Currently AALG is engaged in reviewing practices and policies. An informational meeting is being planned for campus partners soon.
    b. TennACADA – Gary Peterman reminded everyone of the upcoming panel session this Thursday on social justice at UT.
    c. Enrollment Management (Admission, Registrar, OneStop, Financial Aid) – Norma Harrington announced a strong applicant pool – as of now almost 14,000. Admission offers to Volunteer Bridge will begin in January. Initial applicant reports will be available to colleges soon – updating SAT to ACT conversion. Darren Curry announced Stacy Lane's promotion to Assistant Director of Enrollment Outreach in OneStop. Frances Nash reported on outreach to students not registered for spring – begin each group 10 days after first registration date. Alison Connor discussed catalog year; Banner can accept spring or summer catalog year as well as fall. All items must match – major, concentration, degree, minor. See attached.
    d. Multi-Cultural Student Life – Ronni Williams announced finals prep from November 30-December 1. See attached.
    e. Student Success Center – Doug Renalds announced that 85% of students who were placed on Academic Probation at the end of Spring 2016 have completed their requirements for the online modules and coaching appointments. The others still have an SSC hold on their account which will be removed on the 2nd study day to allow for registration.
    f. First-Year Studies – Meagan West shared spring course offerings for FYS. Applications are now open for Peer Mentors - http://fys.utk.edu/peer-mentors/
    g. Student Life – Cynthia Polk-Johnson - no report
4. Old Business – none
5. New Business – none

Upcoming Meetings:
Advising Committee (3:30 FBCC 102-104)
January 24, 2017
April 4, 2017

ASSOCIATE DEANS GROUP

(No report)

STRATEGY WORKING GROUP (FORMERLY PLANNING GROUP)

UG Planning Committee Meeting Minutes
February 29th, 2016

In Attendance: RJ Hinde (chair), Betsy Adams, Kari Alldredge, Erik Bledsoe, Ruth Darling, Denise Gardner, Jonee Lindstrom, Michael Palenchar, Emily Parker, and Mark Savage

Guests in Attendance: Stella Bridgeman-Prince, Teressa Gregory, Jason Mastrogiovanni, and David Ndiaye

Notes taken by and in attendance: Cora Ripley

Agenda Item 1: Review minutes of last meeting.
The minutes were approved.

Agenda Item 2: Review and approve agenda
No items were added to the agenda.

Agenda Item 3: Accessibility

Teressa Gregory and David Ndiaye presented an overview of recent work by the Accessilbility Implementation Team (AIT) to develop an accessibility program for UTK. The AIT was created by Chancellor Cheek in 2014. It has four subcommittees working in the broad areas of communications, learning materials, policies and procurement, and website review. Gregory and Ndaiye discussed training, software, and online resources that can help faculty members prepare and distribute accessible learning materials. They also distributed samples of a folder that the Office of Disability Services developed with tips for working with students with disabilities.

Agenda Item 4: Early Alert
Stella Bridgeman-Prince and Jason Mastrogiovanni reviewed the history of the Early Alert program and its relationship to the Grades First system. Bridgeman-Prince described the process by which faculty members receive and complete Early Alert requests. Mastrogiovanni explained the process by which courses are added to the list of Early Alert courses. The group reviewed data describing faculty members' participation in Early Alert and discussed approaches for promoting faculty participation in the program during the first month (or so) of a semester.

UG Planning Committee Meeting Minutes
April 4, 2016

In Attendance: RJ Hinde (chair), Betsy Adams, Kari Alldredge, Erik Bledsoe, Ruth Darling, Denise Gardner, Jonee Lindstrom, Michael Palenchar, Emily Parker, and Mark Savage

Guests in Attendance: Jeff Gerkin

Notes taken by: Cora Ripley

Agenda Item 1: Review minutes of last meeting.
The minutes were approved.

Agenda Item 2: Review and approve agenda
No items were added to the agenda.

Agenda Item 3: Review of Financial Aid Audit
The university underwent a federal financial aid audit recently. Although we have not yet received the auditors' report, Planning team members discussed the policies and procedures that might change due to the auditors' findings. These include satisfactory academic progress monitoring, work-study monitoring, attendance tracking, distance education, and our exploratory tracks.

Agenda Item 4: Adult Learner Survey
THEC mandates that we carry out a survey of adult students as part of our quality assurance funding application. We will use a survey instrument devised by Noel-Levitz. The group discussed methods for carrying out this survey.

UG Planning Committee Meeting Minutes
July 18, 2016

In Attendance: RJ Hinde (chair), Betsy Adams, Monique Anderson (for Kari Alldredge), Erik Bledsoe, Denise Gardner, Michael Palenchar, Anton Reece and Mark Savage

Not in Attendance: Kari Alldredge, Ruth Darling, Jonee Lindstrom, and Emily Parker

Guests in Attendance: Michael McFall and Missy Parker

Notes taken by: Cora Ripley

Agenda Item 1: Review minutes of last meeting.
The minutes were approved.

Agenda Item 2: Review and approve agenda
No items were added to the agenda.

Agenda Item 3: Advising 2020
Missy Parker presented an overview of the Advising 2020 project, which aims to transform undergraduate advising at the university. Advising 2020 was informed by student feedback collected during the Vol Vision 2020 refresh process. Advising 2020 aims to create a common, consistent, university-wide vision for academic advising. Under Advising 2020, the following four areas will be integrated into academic advising: self-exploration, career exploration, academic planning, and experience learning. Advising 2020 will be based on a professional advising model and will focus on advisor professional development and on the strategic use of data.

Agenda Item 4: Adult Learner Survey
Michael McFall presented the results of the adult learner survey. The response rate was fairly low; 153 students completed the survey.

UG Strategy Working Group Meeting Minutes
August 1, 2016

In Attendance: RJ Hinde (chair), Betsy Adams, Kari Alldredge, Erik Bledsoe, Denise Gardner, Jonee Lindstrom, Emily Parker, Missy Parker, Anton Reece, and Matthew Theriot

Not in Attendance: Ruth Darling, Lee Patouillet, Michael Palenchar, Anton Reece, and Mark Savage

Notes taken by: Cora Ripley

Agenda Item 1: Review minutes of last meeting.
The minutes were approved.

Agenda Item 2: Review and approve agenda.
No items were added to the agenda.

Agenda Item 3: Review undergraduate component of Vol Vision 2020.
The group noted that with the refresh of the strategic plan, now is a good time to think about the purpose of this committee and to try to differentiate this group from the Tactics group because there are so many people who are members of both groups. The undergraduate component of Vol Vision 2020 is conceived as following the student lifecycle. It starts with recruiting undergraduate students who are still in high school to build our first-year class, and recruiting transfer students from other institutions to build our transfer student population. We need to retain these students so that we can graduate them. While they are at UT we will focus on high quality innovative pedagogy and engagement. We will also focus on the student experience under Academic Affairs and under Student Life. Finally, we will emphasize students' engagement with UT and the community after graduation.

Agenda Item 4: Proposed structure for future Strategy Working Group meetings.
The group agreed that the objectives for the Strategy Working Group will be to carry out a high level review of the undergraduate component of the strategic plan, to confirm we are moving in the right direction and prioritize actions, and to evaluate progress on activities and select metrics to help us measure our progress. The group will meet every month and have a standing agenda designed to last one hour (plus a few extra minutes for discussion as needed). It will also be important for this group and the associate deans of the academic colleges to meet once a semester and talk about how the strategic actions and campus wide initiatives that this group is monitoring can be translated into activities within the colleges. For the four Fall SWoG meetings we will pick focus topics from the list of high level topics and focus the meeting completely on that topic:

- September – Recruitment and Retention (August 29th, 2016)
- October – Experience Learning (October 3rd, 2016)
- November – Academic Support Systems (October 31st, 2016)
- December – First-Year Experience (November 28th, 2016)

The group's standing agenda will be structured as follows:

1) What do we know?
2) What do we need to know?
3) How do we move forward?
4) Who owns it?
5) What's our timeline?
6) How do we report back?
7) How do we measure progress?
8) Park it for Tactics!

UG Strategy Working Group Meeting Minutes
August 29, 2016

In Attendance: RJ Hinde (chair), Betsy Adams, Kari Alldredge, Erik Bledsoe, Ruth Darling, Denise Gardner, Jonee Lindstrom, Michael Palenchar, Emily Parker, Missy Parker, Lee Patouillet, Anton Reece, Mark Savage, and Matthew Theriot

Guests in attendance: Serena Matsunaga

Notes taken by: Cora Ripley

Agenda Item 1: Review minutes of last meeting.
The minutes were approved.

Agenda Item 2: Review and approve agenda.
No items were added to the agenda.

Agenda Item 3: Recruitment and Retention Overview.

Serena Matsunaga reviewed our recent progress in retention and graduation rates. The group noted that the strategies and actions that have improved our retention and graduation rates in the past four or five years will not necessarily get us to our 2020 goal. Points of concern include the following: (1) under-represented students are retained and graduate at rates substantially below the corresponding rates for majority students; (2) the undergraduate student body at UTK enrolls a very large proportion of Pell-eligible students who are at increased risk for non-retention; (3) a small number of majors account for a large fraction of our non-retained first-year students; (4) a small number of classes account for grades below C earned by first-year students; (5) 1/3 of our students change majors at least once and 1/5 of our students change colleges at least once.

UG Strategy Working Group Meeting Minutes
October 3, 2016

In Attendance: Frank Cuevas (co-chair), RJ Hinde (co-chair), Betsy Adams, Kari Alldredge, Erik Bledsoe, Ruth Darling, Denise Gardner, Jonee Lindstrom, Emily Parker, and Matthew Theriot

Not in Attendance: Lee Patouillet, Michael Palenchar, and Mark Savage

Guests in Attendance: Christopher Lavan and John Walker

Notes taken by: Cora Ripley

Agenda Item 1: Review minutes of last meeting.
The minutes were approved.

Agenda Item 2: Review and approve agenda
No items were added to the agenda.

Agenda Item 3: Experience Learning overview.
Christopher Lavan and John Walker presented an overview of the Experience Learning program, our Quality Enhancement Plan (QEP) for our recent SACS-COC reaccreditation. 2021 will mark the 100th-year anniversary of experiential learning at UTK. This is also the year that our QEP impact report will be due. Experience Learning has two advisory groups: (1) the QEP alumni task force and (2) a High-Impact Practices group. The program has several components, including the Smart Communities Initiative (SCI), a faculty development program, and faculty/staff/student support initiaties. Walker discussed the Experience Learning assessment plan, which combines both direct and indirect assessment. A major goal for 2016-17 is to identify the baseline for experiential learning across campus.

Lavan and Walker compared Experience Learning with other institutions' QEPs and related programs.

The group discussed the role that a co-curricular transcript might play in Experience Learning, discussed the concept that some 100-level courses could be identified as opportunities for integrating experiential learning into the curriculum for first-year students, and discussed ways to roll-out Experience Learning to new UTK students.

UG Strategy Working Group Meeting Minutes
November 28, 2016

In Attendance: Frank Cuevas (co-chair), RJ Hinde (co-chair), Kari Alldredge, Erik Bledsoe, Ruth Darling, Denise Gardner, Jonee Lindstrom, Michael Palenchar, Mark Savage, and Matthew Theriot

Not in Attendance: Emily Parker and Lee Patouillet

Notes taken by: Cora Ripley

Agenda Item 1: Review minutes of last meeting.
The minutes were approved.

Agenda Item 2: Review and approve agenda
No items were added to the agenda.

Agenda Item 3: First-Year Experience.
Jason Mastrogiovanni discussed the origin of the First-Year Consortium, which was created in 2014 and charged to create a forum for key programs and offices to discuss the success of first-year students. The consortium examined the literature describing the first-year experience, with special attention to the Gallup-Purdue study that highlights the "big 6" experiendes that correlate with student success. Based on its literature review, the consortium identified several imperiatives that a comprehensive first-year experience would address. Advising 2020 and the Incoming Student Communication Task Force have addressed some of these imperatives.

It is notable that a large fraction (roughly 30%) of first-year students are not involved in any first-year initiatives that correlate with retention success. Some students are involved in multiple such initiatives. We seem to be good at getting low-risk and high-risk students involved, but are missing the middle.

Further action would require a re-consititution of the first-year consortium with new members, development of a new charge for the consortium, and establishment of clear goals and timelines for the consortium.

CURRICULUM COMMITTEE

The University of Tennessee, Knoxville
Curriculum Committee
Minutes of the Meeting
January 17, 2017

Call to Order: A regular meeting of the Curriculum Committee was held in the Eighth Floor Conference Room of Andy Holt Tower on January 17, 2017. The meeting was called to order at 2:00 p.m. by Heidi Stolz, Chair.

Members present: Heidi Stolz, Chair, Katherine Ambroziak (proxy for Marleen Davis), Joshua Emery, Beth Foster, Betsy Gullett (proxy for Mary Holcomb), Robert Mindrup, Richard Strange, Shelia Swift, Belle Upadhyaya, Chuck Collins, George Drinnon, Jeff Fairbrother, Chris Lavan, and Masood Parang.

Others present: Mary Albrecht, Monique Anderson, Alison Connor, Kelly Ellenburg, Jennifer Hardy, Jason Mastrogiovanni, Rebekah Page, Meghan Perez, Noah Rost, Virginia Stormer, Molly Sullivan, and Pia Wood.

Approval of Minutes: The minutes of October 4, 2016, were approved without corrections.

Presentation: Chris Lavan gave a brief update of the Experience Learning course designation process, which is in its initial year. A total of 28 proposals were received, representing six colleges and one intercollegiate unit. Out of those 28 submissions, eight were withdrawn by their corresponding colleges, one was determined to need revision in order to meet the criteria and may be resubmitted at a later date, and 19 were approved by the EL subcommittees and sent to the Curriculum Committee for its approval. Approved courses will receive support from the university's QEP. Three additional course proposals were withdrawn by the corresponding college or independent unit at this meeting, and the remaining sixteen courses were approved by the full Curriculum Committee.

Curricular Proposals:

- Minor edits were made to the Consent Agenda items and one item was moved to the Main Agenda. All remaining items on the Consent Agenda were then approved without opposition.
- Minor edits were made to Main Agenda items, which were then discussed and approved without opposition.

Adjournment: Heidi Stolz adjourned the meeting at 4:56 p.m.

Other: The College of Arts and Sciences asked that an e-vote be held after the General Education Committee's January 18, 2017, meeting and before the Undergraduate Council's January 31, 2017, meeting; because A&S wanted to include curricular change items that could not be added until the General Education Committee met to act on those items. A second issue arose at the General Education Committee meeting that affected curricular changes and must be approved by the Curriculum Committee. These items, as well as the items requested by A&S, were sent to voting members of the Curriculum Committee at 8:27 pm on Friday, January 20, 2017. All items, which are attached at the end of these minutes, were approved via e-vote by a quorum of committee members.

Minutes submitted by: Molly Sullivan

✳ General education course
† Cross-listed course
$ Course with fees
◈ Add or drop of major, concentration, minor

New text within existing text is designated by red text highlighted with gray.
Obsolete text within existing text is designated by ~~red strikethrough text~~.

CONSENT AGENDA

COLLEGE OF AGRICULTURAL SCIENCES AND NATURAL RESOURCES
All changes effective fall 2017

COURSE CHANGES

DEPARTMENT OF AGRICULTURAL LEADERSHIP, EDUCATION, AND COMMUNICATIONS
(ALEC) Agricultural Leadership, Education, and Communications

DROP

ALEC 101 Introduction to Agricultural and Natural Resource Leadership (1)

Rationale: Has not been taught recently and students are taking AGNR 100 or 103 instead. Impact on other units: None. Financial impact: None.

REMOVE (RE) PREREQUISITE(S)

ALEC 303 Analysis of Leadership Approaches and Styles (3)
Formerly: (RE) Prerequisite(s): 102 or 103.

ALEC 304 Leadership, Motivation, Power and Influence (3)
Formerly: (RE) Prerequisite(s): 102 or 103.

REVISE DESCRIPTION, ADD (RE) PREREQUISITE(S), REMOVE RECOMMENDED BACKGROUND

✱ **ALEC 440 Communication Techniques in Agriculture (3)** Engage agricultural audiences through journalistic and research writing.
(RE) Prerequisites: ENGL 102 or 118.
Formerly: Elements of effective use of mass media in agriculture. Effective newspaper and magazine writing techniques and electronic media writing and presentation for agricultural audiences.
Recommended Background: Two semesters of English composition.

Rationale: To more accurately describe the course content. Impact on other units: None. Financial impact: None.

REVISE TITLE AND DESCRIPTION

ALEC 441 Professional Communication in Agriculture (3) Develop professional and effective interactions through written and electronic communication.
Formerly: ALEC 441 Advanced Communication Techniques in Agriculture (3). Production of contemporary radio broadcasts; photojournalism concepts and production; and development of news and feature photo essays for agricultural audiences.

Rationale: To more accurately describe the course content. Impact on other units: None. Financial impact: None.

DEPARTMENT OF ANIMAL SCIENCE
(ANSC) Animal Science

REVISE REGISTRATION RESTRICTION(S)

ANSC 395 Careers in Animal Agriculture (1)
Registration Restriction(s): Minimum student level – sophomore.
Formerly: *Registration Restriction(s): Minimum student level – junior.*

Rationale: This will allow transfer students coming in with less than 60 hours completed and processed to take the course and remain on track to graduate on time. We have many transfer students who are admitted and registered before final transcripts from the previous semester have been processed. Also, many students register for classed before the end of the previous semester (second semester sophomores) and so are unable to add the class for the first semester of their junior year, creating backlog. Impact on other units: None. Financial impact: None.

REVISE (RE) PREQUISITE(S)

ANSC 431 Comparative Nutritional Biochemistry and Metabolism (4)
(RE) Prerequisite(s): 330 and Chemistry 260; or permission of instructor.
Formerly: (RE) Prerequisite(s): 330 and Chemistry 350; or permission of instructor.

Rationale: Chemistry is dropping CHEM 350 and replacing it with 260. Impact on other units: None. Financial impact: None.

DEPARTMENT OF AGRICULTURAL AND RESOURCE ECONOMICS
(AREC) Agriculture and Resource Economics

ADD REGISTRATION RESTRICTION(S)

AREC 110 Opportunities in Agricultural, Food, and Resource Economics (1)
Registration Restriction(s): Instructor permission required to enroll if student has greater than 60 credit hours.

Rationale: This registration restriction is intended to exclude students for whom this course is inappropriate. Impacts on other units: None. Financial impact: None.

REVISE REGISTRATION RESTRICTION(S)

AREC 410 Senior Seminar (1)
Registration Restriction(s): Only open to Agricultural and Resource Economics majors with at least junior standing.
Formerly: Registration Restriction(s): Food and agricultural business and natural resource and environmental economics majors.

Rationale: This registration restriction is intended to exclude students for whom this course is inappropriate. Impacts on other units: None. Financial impact: None.

DEPARTMENT OF BIOSYSTEMS ENGINEERING AND SOIL SCIENCES

(BSE) Biosystems Engineering

REVISE (RE) PREREQUISITE(S) AND (RE) COREQUISITE(S)

BSE 444 Practicum (3)
(RE) Prerequisite(s): Three of 411 or 417, 416 or 418 or Civil Engineering 495 or Civil Engineering 498, 431 or 437, 451 or 457.
(RE) Corequisite(s): 400 and 404.
Formerly:
(RE) Prerequisite(s): Three of 411, 416 or 418 or CE495 or CE498, 431 or 437, 451 or 457
(RE) Corequisite(s): 401 and 404

Rationale: changed to reflect: 1) required change from 401 to 400; 2) addition of honors options for BSE courses; 3) CE 495 as alternative to BSE 416. Impact on other units: Enrollment of our few students welcomed by CE. Response to assessment: NA

(ESS) Environmental and Soil Sciences

ADD (RE) COREREQUISITE(S)

$ ESS 210 Introduction to Soil Science (4)
(RE) Corequisite: Chemistry 100 or Chemistry 120 or Chemistry 128.

Rationale: In the past, most students coming into this sophomore-level course had a sufficient chemistry background, but that no longer appears to be the case and a disproportionate amount of time is being spent brining those students up to speed while all others wait. Impact on other units: None-the disciplines that generally take this class all require chemistry anyway; this will simply force things to be done in the correct sequence. Response to assessment: difficulty in meeting desired course student learning outcomes of competency in appropriate discipline areas because of lack of preparedness on the part of some students. Financial impact: none.

REVISE (RE) PREREQUISITE(S)

ESS 434 Environmental Soil Chemistry (3)
(RE) Prerequisite(s): Chemistry 110 or Chemistry 260.
Formerly: (RE) Prerequisite(s): Chemistry 110 or Chemistry 350.

Rationale: Chemistry is dropping CHEM 350 and replacing it with CHEM 260.

DEPARTMENT OF FORESTRY, WILDLIFE, AND FISHERIES
(FORS) Forestry

REVISE (RE) COREQUISITE(S)

FORS 329 Forest Resource Inventory (3)
(RE) Corequisite(s): 323.
Formerly: (RE) Corequisite(s): 305 and 323

Rationale: Department decided to remove 305 as a corequisite for FORS 329 because 305 is not needed for all programs that require 329. Impact on other units: None. Financial Impact: None.

REVISE CREDITS

FORS 345 Practical Arboriculture (3)
Formerly: FORS 345 Practical Arboriculture (2)

Rationale: Credits increased to reflect additional material added to course. Impact on other units: None. Financial Impact: None – instructor is reformatting several courses; net teaching load will not change.

REVISE (RE) PREREQUISITE(S)

FORS 414 Tree Physiology
(RE) Prerequisite(s): Forestry 214 or Biology 114.
Formerly: (RE) Prerequisite(s): Biology 112 or Biology 102.

Rationale: As an upper level course in plant physiology, students require some background in botany. Impact on other units: none. Financial Impact: None.

DROP

$ FORS 430 Inventory and Assessment of Urban Land (2)

Rationale: Urban forestry students will enroll in FORS 329 Forest Resource Inventory. The content of 329 will be adjusted to incorporate aspects of urban forest inventory. Impact on other units: None – 430 is utilized by urban forestry students only. Financial impact: None.

REVISE CREDITS

FORS 435 Trees and the Law (3)
Formerly: FORS 435 Trees and the Law (2)

Rationale: Credit is being increased to reflect additional material to be added to the course and resulting course requirements. Impact on other units: None. Financial Impact: None – instructor is reformatting several courses; net teaching load will not change.

(FWF) Forestry, Wildlife and Fisheries

REVISE (RE) PREREQUISITE(S)

$ FWF 212 Dendrology and Silvics of North American Trees (3)
(RE) Prerequisites: BIOL 101 and 102 or BIOL 113,114, and 115 or BIOL 150, 159 and 160.
Formerly: (RE) Prerequisite(s): Biology 102 or Biology 112.

Rationale: Change reflects changes to numbering and sequencing of BIOL courses. Impact on other units: None Financial Impact: None.

REVISE (RE) PREREQUISITE(S)

✳ FWF 312 Principles of Silviculture (3)
(RE) Prerequisite(s): FWF 212 or consent of instructor.
Formerly: (DE) Prerequisite(s): Chemistry 100.

Rationale: New requirements more appropriately reflects required knowledge for class. Impact on other units: None. Financial Impact: None.

ADD REGISTRATION RESTRICTION(S), REMOVE (RE) PREQUISITE(S)

FWF 324 Applied Ecosystem Restoration
Registration restriction(s): Junior standing
Formerly: (RE) Prerequisite(s): Forestry 215 or Biology 260; and Geography 131; or junior standing in forestry, wildlife and fisheries science, ecology and evolutionary biology, geography, environmental sciences, or landscape architecture.

Rationale: Current pre-requisites are too restrictive. Impact on other units: None. Financial Impact: None.

ADD (RE) PREREQUISITE(S)

FWF 325 Wildlife Vegetation and Habitat
(RE) Prerequisite(s): Biology 150 or Biology 114 or Forestry, Wildlife, and Fisheries 214.
Formerly: No Prerequisite(s)

Rationale: This will ensure students take foundational courses prior to progressing to more advance courses in senior year. Impact on other units: None. Financial impact: None.

FWF 415 Upland Habitat Management (2)
(RE) Prerequisite(s): 212 and 317.
Formerly: No Prerequisite(s)

Rationale: This will ensure students take foundational courses prior to progressing to more advance courses in senior year. Impact on other units: None. Financial impact: None.

(WFS) Wildlife and Fisheries Science

REVISE (RE) PREREQUISITE(S), REMOVE (RE) COREQUISITE(S)

$ WFS 305 Prescribed Fire Management (2)
(RE) Prerequisite(s): 100; and Forestry, Wildlife, and Fisheries 212, 250, 310, and 317.
Formerly: (RE) Prerequisite(s): FWF 212.
(RE) Corequisite(s): 323

ADD (RE) PREREQUISITE(S), REMOVE (RE) COREQUISITE(S)

WFS 324 Wildlife Habitat Evaluation (2)
(RE) Prerequisite(s): 100; and Forestry, Wildlife, and Fisheries 212, 250, 310, and 317.
Formerly: (RE) Corequisite(s): WFS 305

REVISE (RE) PREREQUISITE(S), REMOVE (RE) COREQUISITE(S)

$ WFS 340 Wetland Ecology and Management (2)
(RE) Prerequisite(s): 100; and Forestry, Wildlife, and Fisheries 212, 250, 310, and 317.
Formerly: (RE) Prerequisite(s): FWF 317.
(RE) Corequisite(s): WFS 305 and 323

$ WFS 350 Wildlife Damage Management (1)
(RE) Prerequisite(s): FWF 212 and FWF 317
Formerly: (RE) Prerequisite(s): FWF 317.
(RE) Corequisite(s): WFS 305 and 323

$ WFS 440 Wildlife Techniques (2)
(RE) Prerequisite(s): WFS 100 and Forestry, Wildlife, and Fisheries 212, 250, 310, and 317.
Formerly: (RE) Prerequisite(s): FWF 317.
(RE) Corequisite(s): WFS 305 and 323

$ WFS 442 Fisheries Techniques (3)
(RE) Prerequisite(s): WFS 100 and Forestry, Wildlife, and Fisheries 212, 250, 310, and 317.
Formerly: (RE) Prerequisite(s): FWF 317.
(RE) Corequisite(s): WFS 305 and 323

Rationale: This will ensure students take foundational courses prior to progressing to more advance courses in senior year. Impact on other units: None. Financial impact: None.

COLLEGE OF ARCHITECTURE AND DESIGN
All changes effective fall 2017

COURSE CHANGES

COLLEGE OF ARCHITECTURE AND DESIGN
(DSGN) Design

REVISE COURSE DESCRIPTION

DSGN 431 Trans-disciplinary Studio (1-6) Design studio for non-College of Architecture and Design students. Trans-disciplinary studio offered in conjunction with architecture, interior architecture, or landscape architecture studios.
Formerly: Design studio for non-College of Architecture and Design Students. Trans-disciplinary studio offered in conjunction with architecture, interior design, or landscape architecture studios.

Rationale: The interior design program is changing its name to interior architecture. Text revisions reflect this change. Impact on Other Academic Units: None. Financial Impact: None.

SCHOOL OF ARCHITECTURE
(ARCH) Architecture

REMOVE CROSS LISTINGS

† ARCH 101 Introduction to the Built Environment (3)
Formerly: Same as Interior Design 101.
Architecture is primary.

† ARCH 107 Honors: Introduction to the Built Environment (3)
Formerly: Same as Interior Design 107.
Architecture is primary.

Rationale: 101 and 107 are cross listed with Interior Design 101 and 107. Interior Design (being renamed as Interior Architecture) is revising their courses and adding an independent IARC 101 and IARC 107 courses, eliminating the need for cross listing. Impact on Other Academic Units: Proposal comes from school within same college. Financial Impact: None.

REVISE REGISTRATION RESTRICTION(S)

ARCH 171 Design Fundamentals I: Space (3)
Registration Restriction(s): Architecture major or interior architecture major.
Formerly: Registration Restriction(s): Architecture major or interior design major.

Rationale: The interior design program is changing its name to interior architecture. Text revisions reflect this change. Impact on Other Academic Units: Name change comes from school within same college. Financial Impact: None.

REVISE (RE) PREREQUISITE(S), (RE) COREQUISITE, AND REGISTRATION RESTRICTION(S)

ARCH 172 Design Fundamentals II: Space (4)
(RE) Prerequisite(s): 171 with a grade of C or better.
(RE) Corequisite(s): 102 or Interior Architecture 200; and 122
Registration Restriction(s): Architecture major or interior architecture major.
Formerly: (RE) Prerequisite(s) 171.
Corequisite(s): 102 or Interior Design 200; and 122
Registration Restriction(s): Architecture major or interior design major.

Rationale: The interior design program is changing its name to interior architecture. Text revisions reflect this change. Impact on Other Academic Units: Name change comes from school within same college. Financial Impact: None.
Rationale: The School of Architecture requires a C or better in all professional courses for graduation. Since studios are taken sequentially with content that builds from course to course, and since studio is required every semester through the five years of the program, the faculty and advising administration determined that it would be beneficial to hold that same C standard as prerequisite requirement for all studio courses. Revisions to corequisites are result of new added technology courses (see main agenda) that have shared content with studios. Impact on Other Academic Units: None. Financial Impact: None.

REVISE COURSE DESCRIPTION

✳ **ARCH 213 Modern Architecture: Histories and Theories (3)** Examines the history and theory of modern and contemporary architecture through broad-based examinations of the questions of modernity and specific case studies of buildings, projects, landscapes and theories.
Formerly: Examines the history and theory of modern architecture focusing on the late 19th and 20th centuries through broad-based examinations of the questions of modernity and specific case studies of buildings, projects, landscapes and theories.

Rationale: In fall 2015 the School of Architecture faculty approved changes to ARC 211 and ARC 212 to communicate content of building and community form in major world cultures through the late 20th century. (Previously the courses covered content ending in the 19th century.) This course description revision for ARC 213 reflects the more current and contemporary theories available by this shift in dates. Impact on Other Academic Units: None. Financial Impact: None.

REVISE (RE) PREREQUISITE(S) AND (RE) COREQUISITE(S)

ARCH 271 Architectural Design I: Place
(RE) Prerequisite(s): 172 with a grade of C or better.
(RE) Corequisite(s): 221, 261, and 262.
Formerly (RE) Prerequisite(s): 172.
(RE) Corequisite(s): 221.

Rationale: The School of Architecture requires a C or better in all professional courses for graduation. Since studios are taken sequentially with content that builds from course to course, and since studio is required every semester through the five years of the program, the faculty and advising administration determined that it would be beneficial to hold that same C standard as prerequisite requirement for all studio courses. Revisions to corequisites are result of new added technology courses (see main agenda) that have shared content with studios. Impact on Other Academic Units: None. Financial Impact: None.

REVISE (RE) PREREQUISITE(S), ADD (RE) COREQUISITE(S)

ARCH 272 Architectural Design II: Place
(RE) Prerequisite(s): 271 with a grade of C or better and 221.
(RE) Corequisite(s): 263 and 264.
Formerly: (RE) Prerequisite(s): 221 and 271.

Rationale: The School of Architecture requires a C or better in all professional courses for graduation. Since studios are taken sequentially with content that builds from course to course, and since studio is required every semester through the five years of the program, the faculty and advising administration determined that it would be beneficial to hold that same C standard as

prerequisite requirement for all studio courses. Revisions to corequisites are result of new added technology courses (see main agenda) that have shared content with studios. Impact on Other Academic Units: None. Financial Impact: None.

REVISE (RE) PREREQUISITE(S) AND (RE) COREQUISITE(S)

ARCH 370 Research and Design
(RE) Prerequisite(s): 272 with a grade of C or better.
(RE) Corequisite(s): 361 and 371.
Formerly: (RE) Prerequisite(s): 272.
(RE) Corequisite(s): 371.

Rationale: The School of Architecture requires a C or better in all professional courses for graduation. Since studios are taken sequentially with content that builds from course to course, and since studio is required every semester through the five years of the program, the faculty and advising administration determined that it would be beneficial to hold that same C standard as prerequisite requirement for all studio courses. Revisions to corequisites are result of new added technology courses (see main agenda) that have shared content with studios. Impact on Other Academic Units: None. Financial Impact: None.

REVISE (RE) PREREQUISITE(S), REMOVE (RE) COREQUISITE(S)

ARCH 371 Design as Applied Research
(RE) Prerequisite(s): 272 with a grade of C or better.
Formerly (RE) Prerequisite(s): 272.
(RE) Corequisite(s): 370.

Rationale: The School of Architecture requires a C or better in all professional courses for graduation. Since studios are taken sequentially with content that builds from course to course, and since studio is required every semester through the five years of the program, the faculty and advising administration determined that it would be beneficial to hold that same C standard as prerequisite requirement for all studio courses. Revisions to corequisites are result of new added technology courses (see main agenda) that have shared content with studios. Impact on Other Academic Units: None. Financial Impact: None.

REVISE (RE) PREREQUISITE(S), ADD (RE) COREQUISITE(S)

ARCH 372 Architectural Design IV
(RE) Prerequisite(s): 371 with a grade of C or better.
(RE) Corequisite(s): 363, 364, and 365.
Formerly (RE) Prerequisite(s): 371.

Rationale: The School of Architecture requires a C or better in all professional courses for graduation. Since studios are taken sequentially with content that builds from course to course, and since studio is required every semester through the five years of the program, the faculty and advising administration determined that it would be beneficial to hold that same C standard as prerequisite requirement for all studio courses. Revisions to corequisites are result of new added technology courses (see main agenda) that have shared content with studios. Impact on Other Academic Units: None. Financial Impact: None.

REVISE REGISTRATION RESTRICTION(S)

ARCH 422 Special Topics in Urban Design (3-6)
Registration Restriction(s): Architecture or interior architecture major or students with declared minor in design studies or consent of instructor.
Formerly: Registration Restriction(s): Architecture or interior design major or students with declared minor in design studies or consent of instructor.

Rationale: The interior design program is changing its name to interior architecture. Text revisions reflect this change.
Impact on Other Academic Units: Name change comes from school within same college.
Financial Impact: None.

REVISE TITLE, COURSE DESCRIPTION, AND REGISTRATION RESTRICTION(S)

ARCH 423 Special Topics in Interior Architecture (3-6)
Faculty initiated professional elective involving interior architecture, history and theory of interior design, furniture design, lighting design, acoustical design, and related issues.
Registration Restriction(s): Architecture major or interior architecture major or consent of instructor.
Formerly: ARCH 423 Special Topics in Interior Design (3-6) Faculty initiated professional elective involving interior design, history and theory of interior design, furniture design, lighting design, acoustical design, and related issues.
Registration Restriction(s): Architecture major or interior design major or consent of instructor.

Rationale: The interior design program is changing its name to interior architecture. Text revisions reflect this change. *Impact on Other Academic Units:* Name change comes from school within same college. *Financial Impact:* None.

REVISE REGISTRATION RESTRICTION(S)

ARCH 424 Special Topics in Landscape Architecture (3-6)
Registration Restriction(s): Architecture or interior architecture major or students with declared minor in design studies or consent of instructor.
Formerly: Registration Restriction(s): Architecture or interior design major or students with declared minor in design studies or consent of instructor.

ARCH 425 Special Topics in Architecture (1-6)
Registration Restriction(s): Architecture or interior architecture major or students with declared minor in design studies or consent of instructor.
Formerly: Registration Restriction(s): Architecture or interior design major or students with declared minor in design studies or consent of instructor.

ARCH 450 Special Topics in History, Theory and Criticism (3-6)
Registration Restriction(s): Architecture or interior architecture major or students with declared minor in design studies or consent of instructor.
Formerly: Registration Restriction(s): Architecture or interior design major or students with declared minor in design studies or consent of instructor.

ARCH 452 Special Topics in Sustainable Design (3-6)
Registration Restriction(s): Architecture or interior architecture major or students with declared minor in design studies or consent of instructor.
Formerly: Registration Restriction(s): Architecture or interior design major or students with declared minor in design studies or consent of instructor.

ARCH 454 Special Topics in Materials and Construction (3-6)
Registration Restriction(s): Architecture or interior architecture major or students with declared minor in design studies or consent of instructor.
Formerly: Registration Restriction(s): Architecture or interior design major or students with declared minor in design studies or consent of instructor.

ARCH 455 Special Topics in Digital Fabrication (3-6)
Registration Restriction(s): Architecture or interior architecture major or students with declared minor in design studies or consent of instructor.
Formerly: Registration Restriction(s): Architecture or interior design major or students with declared minor in design studies or consent of instructor.

Rationale: The interior design program is changing its name to interior architecture. Text revisions reflect this change. *Impact on Other Academic Units:* Name change comes from school within same college. *Financial Impact:* None.

REVISE (RE) PREREQUISITE AND REGISTRATION RESTRICTION(S)

ARCH 462 Professional Practice (3)
(RE) Prerequisite(s): 372 or Interior Architecture 371 or consent of instructor.
Registration Restriction(s): Architecture or interior architecture major or students with declared minor in design studies.
Formerly: (RE) Prerequisite(s): 372 or Interior Design 371 or consent of instructor.
Registration Restriction(s): Architecture or interior design major or students with declared minor in design studies.

Rationale: The interior design program is changing its name to interior architecture. Text revisions reflect this change. *Impact on Other Academic Units:* Name change comes from school within same college. *Financial Impact:* None.

REVISE (RE) PREREQUISITE(S)

ARCH 471 Integration Design Studio (6)
(RE) Prerequisite(s): 372 with a grade of C or better.
Formerly: (RE) Prerequisite(s): 372.

Rationale: The School of Architecture requires a C or better in all professional courses for graduation. Since studios are taken sequentially with content that builds from course to course, and since studio is required every semester through the five years of the program, the faculty and advising administration determined that it would be beneficial to hold that same C standard as prerequisite requirement for all studio courses. Revisions to corequisites are result of new added technology courses (see main agenda) that have shared content with studios. Impact on Other Academic Units: None. Financial Impact: None.

REVISE REGISTRATION RESTRICTION(S)

ARCH 473 Architectural Photography (3)
Registration Restriction(s): Architecture or interior architecture major.
Formerly: Registration Restriction(s): Architecture or interior design major.

Rationale: The interior design program is changing its name to interior architecture. Text revisions reflect this change. Impact on Other Academic Units: Name change comes from school within same college. Financial Impact: None.

REVISE (RE) PREREQUISITE(S)

ARCH 496 Advanced Architectural Design: Thematic Studio
(RE) Prerequisite(s): 372 with a grade of C or better.
Formerly: (RE) Prerequisite(s): 471.

ARCH 497 Independent Study – Advanced Architectural Design Studio
(RE) Prerequisite(s): 471 with a grade of C or better.
Formerly: (RE) Prerequisite(s): 471.

ARCH 498 Self-Directed Diploma Studio
(RE) Prerequisite(s): 478 and 496 with a grade of C or better.
Formerly: (RE) Prerequisite(s): 478.

ARCH 499 Design Thematic Studio
(RE) Prerequisite(s): 496 with a grade of C or better.
Formerly: (RE) Prerequisite(s): 496.

Rationale: The School of Architecture requires a C or better in all professional courses for graduation. Since studios are taken sequentially with content that builds from course to course, and since studio is required every semester through the five years of the program, the faculty and advising administration determined that it would be beneficial to hold that same C standard as prerequisite requirement for all studio courses. Revisions to corequisites are result of new added technology courses (see main agenda) that have shared content with studios. Impact on Other Academic Units: None. Financial Impact: None.

TEXT AND PROGRAM CHANGES

REVISE TEXT

COLLEGE OF ARCHITECTURE AND DESIGN
(Main college page)

Accreditation

Architecture
(Paragraph 3)

The College of Architecture and Design at the University of Tennessee, Knoxville offers the following NAAB-accredited degree programs:

B. Arch. (163 ~~168~~ undergraduate credits)
M. Arch. (pre-professional degree + 60 graduate credits)
M. Arch. (non-pre-professional degree + 102 credits)

Rationale: In the B.Arch program, four credits were removed from the technology sequence and one credit was listed as an error. Impact on Other Academic Units: None. Financial Impact: None.

Interior Architecture ~~Design~~

Most states require that an individual intending to become a licensed interior designer hold a professionally accredited degree. The University of Tennessee, Knoxville, offers a four-year Bachelor of Science in Interior Architecture ~~Design~~. It is professionally accredited by the Council for Interior Design Accreditation (CIDA), the sole agency authorized to accredit U.S. professional degree programs in interior design and interior architecture.

Rationale: The interior design program is changing its name to interior architecture. Text revisions reflect this change. Impact on Other Academic Units: None. Financial Impact: None.

Academic Policies

Computer Requirements

Students enrolled in Interior Architecture ~~Design~~ and Architecture are required to purchase a computer, software, and supporting components meeting technical specifications provided by the College of Architecture and Design. The computer specifications are typically provided at or before the start of the first semester and the computer is purchased during the first few weeks of the first semester. Students are strongly advised to wait until they receive computer specifications specific to their entering class and cohort prior to making a significant investment in a computer.

Rationale: The interior design program is changing its name to interior architecture. Text revisions reflect this change. Impact on Other Academic Units: None. Financial Impact: None.

REVISE TEXT, REVISE REQUIREMENTS

Design Studies Minor
(Paragraphs 1 and 3)

The College of Architecture and Design offers a minor in Design Studies for students of any College in the University of Tennessee, Knoxville. This minor will expose students to the basic design thinking and visualization at the heart of architecture and interior architecture ~~design~~. Additionally, students will gain a greater understanding in a range of topics related to the study and design of the built environment.

Faculty in professional courses will make provisions for students with declared Design Studies Minor when necessary. Students who are receiving a Bachelor of Architecture or Bachelor of Science in Interior Architecture ~~Design~~ are not eligible for this minor.

Minor Requirements
The Minor in Design Studies consists of **21 credit hours**.
Prerequisite requirements and registration restrictions may apply for some courses.

Select 12 hours:

- ~~ARCH 232 - Introduction to Architectural Technology~~
- ARCH 261 – Tectonics and Stereotomics
- ARCH 262 – Climatic and Daylight Design
- ~~ARCH 312 - Materials and Methods of Construction **or**~~
- ~~ARCH 317 - Honors: Materials and Methods of Construction~~

- IARC 200 ~~IDS 200~~ - Human-Environment Relations *
  or
- IARC 207 ~~IDS 207~~ - Honors: Human-Environment Relations *

- IARC 212 ~~IDS 212~~ - History of Interior Design, Furnishings, and the Decorative Arts II
- IARC 221 ~~IDS 221~~ - Theory of Color
- IARC 261 ~~IDS 261~~ - Materials, Resources and Textiles for Interiors
- IARC 360 ~~IDS 360~~ - Business Principles and Practices
- IARC 425 ~~IDS 425~~ - Special Topics in Interior Architecture
- IARC 460 ~~IDS 460~~ - Lighting for Interior Architecture *
- IARC 480 ~~IDS 480~~ - Furniture Design
- IARC 491 ~~IDS 491~~ - International Study

Rationale: Changes to minors reflect additions and dropped technology courses (see items in main agenda) and name change of interior design to interior architecture. Impact on Other Academic Units: None. Financial Impact: None.

SCHOOL OF ARCHITECTURE

REVISE TEXT, REVISE REQUIREMENTS

Architectural Studies Minor
(Paragraphs 1 and 3)

The fields of interior architecture ~~design~~ and architecture are distinct design disciplines, although they overlap in many significant ways. Many talented designers are interested in both areas of expertise. This minor in Architectural Studies has been created specifically for Interior Architecture ~~Design~~ students who would like to gain a better understanding of architecture. Alternatively, students who have transferred out of the Bachelor of Architecture program after completing two years of study might consider this minor.

Faculty in architecture professional courses will make provisions for interior architecture ~~design~~ students when necessary

Minor Requirements

Complete 6 hours:
IARC 272 ~~IDS 272~~ – Introduction to Interior Architecture ~~Design~~ Studio II
IARC 274 ~~IDS 274~~ – Introduction to Interior Architecture ~~Design~~ Seminar II

Select 15 hours:

- ~~ARCH 232 - Introduction to Architectural Technology~~
- ~~ARCH 312 - Materials and Methods of Construction or~~
- ~~ARCH 317 - Honors: Materials and Methods of Construction~~
- ARCH 261 – Tectonics and Stereotomics

- ARCH 262 – Climatic and Daylight Design
- ARCH 263 – Design Implementation I: Building in Wood
- ARCH 264 – Design Implementation II: Building in Steel and Masonry
- IARC 474 ~~IDS 474~~ - Advanced Multi-disciplinary Interior Architecture ~~Design~~ Studio

* Meets University General Education Requirement.

Rationale: Changes to minors reflect additions and dropped technology courses (see items in main agenda) and name change of interior design to interior architecture. Impact on Other Academic Units: None. Financial Impact: None.

SCHOOL OF INTERIOR ARCHITECTURE ~~DESIGN~~
Programs for School of Architecture ~~Design~~

REVISE SCHOOL NAME, PROGRAM NAME, TEXT, AND REQUIREMENTS
(The change to the name of the school has been approved. The program names will be changed to conform to the school name.)

School of Interior Architecture ~~Design~~

Industrial Design Minor
(Paragraph 1)

The School of Interior Architecture ~~Design~~ offers a minor in Industrial Design for students of any College in the University of Tennessee, Knoxville. The minor is designed to include summer courses.

Minor Requirements:
- IARC 480 ~~IDS 480~~ - Furniture Design

Rationale: Changes to minors reflect name change of interior design to interior architecture. Impact on Other Academic Units: None. Financial Impact: None.

School of Interior Architecture ~~Design~~

REVISE PROGRAM NAME, REVISE TEXT, REVISE REQUIREMENTS

Interior Architecture ~~Design~~ Studies Minor

The College offers a series of different minors that are intended to promote interdisciplinary involvement within the College and University. Faculty in professional courses will make provisions for students with declared Interior Architecture ~~Design~~ Studies Minor when necessary. Students will gain basic knowledge in interior architecture ~~design~~ with exposure to aesthetics, technology, professional practices, and history.

Minor Requirements
The minor in Interior Architecture ~~Design~~ Studies consists of **20 credit hours**.
Prerequisite requirements and registration restrictions may apply.

Complete two courses:
- IARC 101 ~~IDS 101~~ - Introduction to the Built Environment

Select 14 hours from the following:
- IARC 200 ~~IDS 200~~ - Human-Environment Relations *
  or
- IARC 207 ~~IDS 207~~ - Honors: Human-Environment Relations *

- IARC 211 ~~IDS 211~~ - History of Interior Design, Furnishings, and the Decorative Arts I
- IARC 212 ~~IDS 212~~ - History of Interior Design, Furnishings, and the Decorative Arts II
- IARC 221 ~~IDS 221~~ - Theory of Color
- IARC 261 ~~IDS 261~~ - Materials, Resources and Textiles for Interiors
- IARC 360 ~~IDS 360~~ - Business Principles and Practices
- IARC 425 ~~IDS 425~~ - Special Topics in Interior Architecture ~~Design~~
- IARC 460 ~~IDS 460~~ - Lighting for Interior Architecture ~~Design~~ *
- IARC 480 ~~IDS 480~~ - Furniture Design
- IARC 491 ~~IDS 491~~ - International Study

Rationale: Changes to minors reflect name change of interior design to interior architecture. Impact on Other Academic Units: None. Financial Impact: None.

COLLEGE OF ARTS AND SCIENCES
All changes effective fall 2017

COURSE CHANGES

DEPARTMENT OF ANTHROPOLOGY
(ANTH) Anthropology

REVISE TITLE AND DESCRIPTION

ANTH 369 Selected Topics in Archaeology Method and Theory (3) Archaeological method and theory topics for undergraduate students. Topics may include practical experience or laboratory study of archaeological materials.
Formerly: Topics in Archaeology (3) Examination of selected frameworks and techniques for retrieval and analysis of archaeological materials.

Rationale: This number will now be used only for Method and Theory topics. The changes in title and description will allow the course to be unambiguously associated with the Method and Theory requirement. Impact on other units: None. Financial impact: None.

REVISE TITLE

† ANTH 442 Archaeology of the Prehistoric Aegean (3)
(See Classics 442.)
Formerly: Intensive Survey of the Archaeology of the Prehistoric Aegean

† ANTH 443 Archaeology and Art of Ancient Greece (3)
(See Classics 443.)
Formerly: Intensive Survey of the Archaeology of Greece

† ANTH 444 Archaeology and Art of Ancient Italy and Rome (3)
(See Classics 444.)
Formerly: Intensive Survey of the Archaeology of Etruria and Rome

Classics is primary.

Rationale: These titles are being revised by the primary department so need to be revised here. Impact on other units: Classics is the primary department. Financial impact: None.

REVISE TITLE AND DESCRIPTION

ANTH 459 Selected Topics in Biological Anthropology Applied Area (3) Applied biological anthropology topics for undergraduate students. Topics may include practical experience or laboratory study of anthropological materials.
Formerly: Selected Topics in Anthropology. Theoretical issues in anthropology for undergraduate students. Topics may include practical experience or laboratory study of anthropological materials.

Rationale: This number will now be used only for Biological Anthropology topics. The changes in title and description will allow the course to be unambiguously associated with the Biological Anthropology requirement. Impact on other units: None. Financial impact: None.

SCHOOL OF ART
(ARTH) Art History

REMOVE CONTACT HOUR DISTRIBUTION

✳ ARTH 172 Western Art: Ancient through Medieval (3)
Formerly: Contact Hour Distribution: 2-hour lecture and 1-hour discussion each week.

✳ ARTH 173 Western Art: Renaissance to Contemporary (3)
Formerly: Contact Hour Distribution: 2-hour lecture and 1-hour discussion each week.

Rationale: The previous contact configuration does not apply every time these courses are taught. Often, they are taught as 3 hours of lecture. Impact on other units: None. Financial impact: None.

DEPARTMENT OF BIOCHEMISTRY AND CELLULAR AND MOLECULAR BIOLOGY
(BCMB) Biochemistry and Cellular and Molecular Biology

REVISE (RE) PREREQUISITE(S)

BCMB 401 Biochemistry I (4)

(RE) Prerequisite(s): Chemistry 260.
Formerly: (RE) Prerequisite(s): Chemistry 350.

Rationale: Chemistry is dropping CHEM 350 and replacing it with CHEM 260. Impact on other units: None. Financial impact: None.

BCMB 415 Foundations in Neurobiology (3)
(RE) Prerequisite(s): Biology 160-159 or equivalent.
Formerly: (RE) Prerequisite(s): Biology 160-159 or equivalent; and Physics 222.

Rationale: Dropping PHYS 222 as a prerequisite corrects an inadvertent addition to the catalog. Impact on other units: None. Financial impact: None.

REVISE CREDIT RESTRICTION, ADD RECOMMENDED BACKGROUND

BCMB 452 Independent Research in BCMB (1-3)
Credit Restriction: Maximum 3 hours may be applied toward the BCMB concentration.
Recommended Background: 1 hour of BCMB 200
Formerly: Credit Restriction: Maximum 6 hours may be applied toward the BCMB concentration.

Rationale: Faculty prefer to see students take additional coursework rather than being able to apply 6 hours of independent research to the 13 hours of required electives. BCMB 200 is a new independent research course being proposed. It is recommended that students have prior experience in this course in order to prepare them for the greater rigor of conducting research at a more advanced level. Impact on other units: None. Financial impact: None.

REMOVE CROSS LISTING, REVISE (RE) PREREQUISITE(S)

† BCMB 471 Biophysical Chemistry (3)
(RE) Prerequisite(s): Biology 102 or 150-159 or 113-115 or equivalent; and Chemistry 260, 360, 369.
Formerly: (Same as Chemistry 471.) BCMB 471 is primary.
(RE) Prerequisite(s): Biology 102 or 150-159 or 113-115 or equivalent; and Chemistry 350, 360, 369.

† BCMB 481 Biophysical Chemistry (3)
(RE) Prerequisite(s): Biology 102 or 150-159 or 113-115 or equivalent; and Chemistry 260, 360, 369.
Formerly: (Same as Chemistry 481.) BCMB 481 is primary.
(RE) Prerequisite(s): Biology 102 or 150-159 or 113-115 or equivalent; and Chemistry 350, 360, 369.

Biochemistry and Cellular and Molecular Biology is primary.

Rationale: Chemistry is dropping these courses in their major revisions. Impact on other units: Cross listed with Chemistry. Financial impact: None.

DIVISION OF BIOLOGY
(BIOL) Biology

REVISE CONTACT HOUR DISTRIBUTION

✳ BIOL 150 Organismal and Ecological Biology (3)
Contact Hour Distribution: 2 hours lecture and one 1-hour biological literacy session (BioLit).
Formerly: Contact Hour Distribution: 2 hours lecture and one 1-hour discussion.

✳ BIOL 160 Cellular and Molecular Biology (3)
Contact Hour Distribution: 2 hours lecture and one 1-hour biological literacy session (BioLit).
Formerly: Contact Hour Distribution: 2 hours lecture and one 1-hour discussion.

Rationale: We are trying to phase-out the use of the term "discussion" because students have an expectation that is review of the lecture content when that is not the intent of this part of the course. It is a Biological Literacy session, so we are calling it "BioLit." Impact on other units: None. Financial impact: None.

DEPARTMENT OF CHEMISTRY
(CHEM) Chemistry

REMOVE (RE) PREREQUISITE(S), ADD (DE) PREREQUISITE(S)

✳ CHEM 128 Honors: General Chemistry I (4)
(DE) Prerequisite(s): ACT Composite score of 30 or higher or permission of instructor.
Formerly: (RE) Prerequisite(s): ACT Composite score of 30 or higher or permission of instructor.

Rationale: The computer monitoring of student registration for this freshman course is preventing some students from registering who otherwise might benefit from the honors course. The department would like to monitor the prerequisite on a case-by-case basis. Impact on other units: None. Financial impact: None.

ADD (RE) PREREQUISITE(S), REMOVE COMMENT(S)

CHEM 200 Introduction to Chemical Research (1)
(RE) Prerequisite(s): 120 or 128.
Formerly: Comment(s): Chemistry course numbered 230 or higher is a corequisite.

Rationale: The comment is being removed and the prereq added so that any student who has passed one semester of general chemistry will be allowed to take CHEM 200. This will allow broader participation by students interested in chemical research. Impact on other units: None. Financial impact: None.

REVISE TITLE, DESCRIPTION, AND (RE) PREREQUISITE(S)

CHEM 360 In-depth Organic Chemistry (3) Compounds of carbon and their reactions. Reaction mechanisms, multistep synthesis, spectroscopic, and other physical properties.
(RE) Prerequisite(s): 260 or 268.
Formerly: CHEM 360 - Organic Chemistry II (3) Compounds of carbon and their reactions. Reaction mechanisms, synthesis, spectroscopic, and other physical properties.
(RE) Prerequisite(s): 350 or 358.

REVISE TITLE, DESCRIPTION, (RE) PREREQUISITE(S), AND COMMENT(S)

CHEM 368 Honors: In-depth Organic Chemistry (3) Compounds of carbon and their reactions. Reaction mechanisms, multistep synthesis, spectroscopic, and other physical properties.
(RE) Prerequisite(s): 260 or 268.
Comment(s): Students using 260 as a prerequisite must have a grade of B+ or better and permission of instructor. Intended and recommended for chemistry, biochemistry, and other physical science majors preparing for careers in science or health-related fields.
Formerly: CHEM 368 - Organic Chemistry II (3) Compounds of carbon and their reactions. Reaction mechanisms, synthesis, spectroscopic, and other physical properties.
(RE) Prerequisite(s): 350 or 358.
Comment(s): Students using 350 as a prerequisite must have a grade of B+ or better and permission of instructor. Intended and recommended for chemistry, biochemistry, and other physical science majors preparing for careers in science or health-related fields.

REVISE TITLE, DESCRIPTION, ADD COMMENT

CHEM 369 Organic Chemistry Laboratory-preprofessional, non-chemistry majors (2) Experiments on topics discussed in 260-360 and 268-368.
Comment(s): Primarily for non-chemistry degree track, preprofessional students. Students majoring in either chemistry degree track may not take this course for credit toward the degree. They should take Chemistry 269.
Formerly: CHEM 369 – Organic Chemistry Laboratory (2) Experiments on topics discussed in 350-360 and 358-368.

ADD (RE) PREREQUISITE(S), REVISE REGISTRATION RESTRICTION

CHEM 400 Research in Chemistry (3)
(RE) Prerequisite(s): 300.
Registration Restriction(s): Chemistry Major with senior standing.
Formerly: Registration Restriction(s): Chemistry major; minimum student level – senior.

REVISE CREDIT HOURS AND CREDIT RESTRICTION

CHEM 420 Selected Topics in Chemistry (3)
Credit Restriction: Only 6 credits may be applied to a major or minor in chemistry.
Formerly: CHEM 420 – Selected Topics in Chemistry (1-3)
Credit Restriction: Only 3 credits may be applied to a major or minor in chemistry.

REVISE TITLE AND DESCRIPTION, ADD (RE) PREREQUISITE(S)

CHEM 430 In-depth Inorganic Chemistry (3) Transition metal and organometallic and bioinorganic chemistry, inorganic materials, nanomaterials, environmental impacts, synthesis and spectroscopic characterization.
(RE) Prerequisite(s): 330.
Formerly: CHEM 430 - Advanced Inorganic Chemistry (3) Atomic and molecular structure, bonding theories, descriptive chemistry of the elements; kinetics and mechanism of inorganic reactions; applications of modern techniques for characterization, coordination, and organometallic chemistry.

REMOVE (RE) COREQUISITE(S)

CHEM 490 Introductory Polymer Chemistry (3)
Formerly: (RE) Corequisite(s): Biochemistry and Cellular and Molecular Biology 471 or Chemistry 473.

Rationale: All of these Chemistry changes are a part of the department's reform/update of the curriculum that is required for a degree in chemistry. Impact on other units: Any other units that may be affected have been contacted by the Chemistry department. Financial impact: None.

DEPARTMENT OF CLASSICS
(CLAS) Classics

REVISE DESCRIPTION

✳ **CLAS 253 Greek and Roman Literature in English Translation (3)** Major literature of ancient Greece and Rome. Variable content. Writing-emphasis course.

Formerly: Major literature of ancient Greece from Homer to Tacitus. Writing-emphasis course.

Rationale: The new description fits the content of the course better. Variable content statement is added to indicate that instructors will focus on a variety of genres. Impact on other units: None. Financial impact: None.

REVISE TITLE AND DESCRIPTION

† **CLAS 302 History of Greece I (3)** Greek history from the collapse of Mycenaean civilization to the end of the Peloponnesian War (ca. 1200 - 404 B.C.), with emphasis on the origin and development of the city-state (polis) in the Archaic and Classical periods. Discussion centers on the two most important and powerful city-states, Sparta and Athens, and their influence on the Greek world. Other topics covered are the Dark Ages, Archaic colonization and tyranny, the Delian League, and the Persian wars.

Formerly: CLAS 302 – History of Classical Greece (3). Greek history from the Persian Wars to Alexander the Great, with an emphasis on the 5th-4th centuries BCE. Readings and discussion to include economy and society in Classical Athens and Sparta; the Peloponnesian War; Socrates, the sophists and intellectual responses to democracy and empire; crises of the Greek city-states; Philip II, Alexander the Great and the rise of Macedon; and ancient and modern historiographies of Classical Greece. Writing-emphasis course.

† **CLAS 306 History of Greece II (3)** History of the Greek world from the end of the Peloponnesian War to the destruction of Corinth (404-146 B.C.). It covers the struggle between Sparta, Athens, and Thebes for dominance in mainland Greece, followed by the rise of Macedonia under Philip II and Alexander the Great's conquest of the Persian Empire. It also explores the formation, development, and decline of the Hellenistic kingdoms, with emphasis on the Roman absorption of these states in the second century B.C.

Formerly: CLAS 306 – History of Hellenistic Greece (3). Greek history from Alexander the Great to the battle of Actium, with an emphasis on the 3rd-1st centuries BCE. Readings and discussion to include Alexander the Great and the expansion of the Greek world; monarchism, ruler-cult and the Greek city-state; economy and society in the Ptolemaic, Seleucid and Antigonid kingdoms; the arrival of Rome in the eastern Mediterranean; ancient and modern historiographies of Hellenistic Greece. Writing-emphasis course.

Rationale: The new titles and descriptions for these courses reflect the contents as they have been taught since 2011 when a new Greek historian was hired. Impact on other units: None. Financial impact: None.

REVISE CROSS LISTING

† **CLAS 384 Gender and Sexuality in Greece and Rome (3)**
(Same as Women, Gender, and Sexuality 384.)

Formerly: Same as Women's Studies 384.
Classics is primary.

Rationale: Women's Studies is changing to Women, Gender, and Sexuality. Impact on other units: None. Financial impact: None.

REVISE TITLE AND DESCRIPTION

† **CLAS 442 Archaeology of the Prehistoric Aegean (3)** Survey of the archaeology and art of the Aegean from the earliest human presence to the end of the Mycenaean civilization (ca. 3000000 - 1050 BCE). Highlights include Early Cycladic civilization with its abstract, almost "modern" art, the rise and decline of Minoan and Mycenaean complex societies, the wall paintings of Thera (the "Pompeii" of the Bronze Age), and Troy. Emphasis on anthropological and art-historical approaches. Writing-emphasis course.
(Same as Anthropology 442.)

Formerly: CLAS 442 – Intensive Survey of the Archaeology of the Prehistoric Aegean (3) Survey of archaeology and art of the Aegean from the earliest humans to the rise of the Greek polis in the 8th century BCE. Highlights include early Cycladic art, Minoan and Mycenaean complex societies, Thera, cultural interconnections with Egypt and the Near East, and the Trojan War. Emphasis on anthropological and modern art-historical approaches. Writing-emphasis course.

† **CLAS 443 Archaeology and Art of Ancient Greece (3)** Survey of the archaeology and art of Greece and the Greek-speaking areas from the period of Dark Age villages through the rise of the polis, the Golden Age of Pericles, and the establishment of powerful Hellenistic kingdoms after the conquests of Alexander the Great (c. 1050–30 BCE). Achievements in architecture, sculpture, vase painting, and minor arts seen in the context of changes in society as well as developments in Greek philosophy and thought. Archaeological evidence for daily life, economy, and political institutions. Writing-emphasis course.
(Same as Anthropology 443.)

Formerly: CLAS 443 – Intensive Survey of the Archaeology of Greece (3) Survey of the archaeology and art of Greece and the Greek-speaking areas from the Orientalizing through Hellenistic periods (c. 700–30 BCE). Developments in architecture, sculpture, and vase painting seen in the context of changes in society. Archaeological evidence for daily life, economy, and political institutions. Writing-emphasis course.

Classics is primary.

Rationale: The new titles and descriptions for these courses reflect the contents of the courses as they have been taught since 2004. Impact on other units: Cross listed with Anthropology. Financial impact: None.

REVISE TITLE AND DESCRIPTION

† CLAS 444 Archaeology and Art of Ancient Italy and Rome (3) Survey of the archaeology and art of ancient Italy and the Roman world from prehistoric times to the fall of the Roman Empire (ca. 1000 BCE – 476 CE). Highlights include Etruscan culture and multiculturalism in early Italy; the development of Roman architecture, art, and urban planning; art and architecture used for political propaganda; Roman cosmopolitan culture and imperialism; theory and method in Roman archaeology. Writing-emphasis course.
(Same as Anthropology 444.)

Formerly: CLAS 444 - Intensive Survey of the Archaeology of Etruria and Rome (3) Survey of the archaeology of Italy and the Roman World from prehistoric times to the fall of the Roman Empire (1000 BCE–476 CE). Highlights are the rise and decline of Etruscan culture; the development of Roman architecture, art, and urban planning; art and architecture used for political propaganda; and Roman cosmopolitan culture during the Empire. Writing-emphasis course.

Classics is primary.

Rationale: The new title and description better reflect the contents of the course as it has been taught since 2014. Impact on other units: Cross listed with Anthropology. Financial impact: None.

DEPARTMENT OF EARTH AND PLANETARY SCIENCES
(GEOL) Geology

ADD CROSS LISTING

† GEOL 206 Sustainability: Reducing our Impact on Planet Earth (3)
An introduction to the field of "sustainable living," which emphasizes reducing the environmental footprint of individuals and cultures. Topics include: environmental footprints, green living, green consumerism, ethical consumption, voluntary simplicity, green technologies and other ways for people to reduce their environmental impact.
(Same as Geography 206.)

Geology is primary.

Rationale: This course will be a focus in the new Sustainability Major in the Department of Geography. It is planned that the course will be transferred to Geography next year but for now it will be cross listed. Impact on other units: Cross listed with Geography. Financial impact: None.

DEPARTMENT OF ECOLOGY AND EVOLUTIONARY BIOLOGY
(EEB) Ecology and Evolutionary Biology

REVISE (RE) PREREQUISITE(S), ADD RECOMMENDED BACKGROUND

EEB 330 Field Botany (3)
(RE) Prerequisite(s): Any two of the following courses Biology 101, 102, 105, 106, 113, 114, 115, 150, 158, 160, 168, 260, 280, or Ecology and Evolutionary Biology 304, 305, 306, or equivalent.
Recommended Background: 8 hours of biology courses.

Formerly: (RE) Prerequisite(s): Biology 150 or equivalent; or Biology 114.

Rationale: Students need to have taken a couple of basic Biology courses before taking this course. We would like to make the prerequisites less restrictive so that more students will be able to take this course. Impact on other units: No direct impact. Financial impact: None.

REVISE DESCRIPTION

EEB 433 Plant Ecology (3) Principles, fundamental concepts and techniques in plant ecology, including topics such as plant interactions with climate, soils, microbiomes, community dynamics and plant-mediated ecosystem processes.

Formerly: Interactions between individuals, species, communities and their environment. Circulation of energy and matter in ecosystems. Includes weekly field trips or laboratory periods and at least two weekend field trips.

Rationale: The old description was outdated and inaccurate. Impact on other units: None. Financial impact: None.

DEPARTMENT OF ENGLISH

(ENGL) English

REVISE CROSS LISTING

† ENGL 332 Women in American Literature (3)
(Same as Women, Gender, and Sexuality 332.)
Formerly: (Same as Women's Studies 332.)
English is primary.

† ENGL 422 Women Writers in Britain (3)
(Same as Women, Gender, and Sexuality 422.)
Formerly: (Same as Women's Studies 422.)
English is primary.

Rationale: These cross list references are being changed to reflect the new name of the Women's Studies IDP. Impact on other units: Cross listed with Women's Studies (new name Women, Gender, and Sexuality). Financial impact: None.

DEPARTMENT OF GEOGRAPHY
(GEOG) Geography

REVISE COURSE DESCRIPTION, REMOVE CONTACT HOUR DISTRIBUTION

✳ † GEOG 111 Our Digital Earth (3)
Explores the impact of geographic information technologies on our lives and on society. What geospatial technologies like GPS and geo-located data enable people, businesses and governments to do, and how our lives are influenced for better or for worse in terms of privacy, personal freedoms, convenience, economics, politics, and security.
Formerly: GEOG 111 - Our Digital Earth (3) Use geospatial technologies such as mapping and GPS to gain understanding and teach others about the neighborhoods we live in, global society, and the environment. Explore how these technologies empower or disenfranchise people and what the future holds.
Contact Hour Distribution: 2 hours lecture and 2 hours lab.

Rationale: Contact hour distribution should be deleted because there is no longer a lab associated with the course. The description is being updated to reflect the current objective and content of the course. Impact on other units: None. Financial impact: None.

REVISE DESCRIPTION, REMOVE (DE) PREREQUISITE(S), ADD RECOMMENDED BACKGROUND:

GEOG 331 Natural Hazards (3) Overview of Earth's natural hazards. Topics include: hurricanes, earthquakes, tornadoes, severe weather, mass movements, volcanoes, tsunami, and wildfires. Hazard awareness is emphasized by highlighting case studies and important past events.
Recommended Background: Introductory physical geography.
Formerly: GEOG 331 – Natural Hazards (3) Overview of Earth's natural hazards. Topics include: hurricanes, earthquakes, tornadoes, mass movements, volcanoes, tsunami, wildfires, and floods. Hazard awareness is emphasized by highlighting case studies and important past events.
(DE) Prerequisite(s): 132.

Rationale: This course has been significantly revised over the years to appeal to students in both STEM and non-STEM disciplines. Impact on other units: None Financial impact: None.

REMOVE (RE) PREREQUISITE(S), ADD RECOMMENDED BACKGROUND:

GEOG 334 Meteorology (4)
Recommended Background: Introductory physical geography or coursework in climatology, meteorology, or atmospheric science.
Formerly: (RE) Prerequisite(s): 131.

Rationale: This course attracts students from across campus that may have suitable backgrounds for the course but not specifically GEOG 131. Impact on other units: None. Financial impact: None.

REMOVE (DE) PREREQUISITE(S), ADD RECOMMENDED BACKGROUND

GEOG 432 Environmental History from Tree Rings (4)
Recommended Background: Introductory physical geography.
Formerly: (DE) Prerequisite(s): 132.

Rationale: This course has been significantly revised over the years to appeal to students in both STEM and non-STEM disciplines. Impact on other units: None. Financial impact: None.

REVISE DESCRIPTION, REMOVE (DE) PREREQUISITE, ADD RECOMMENDED BACKGROUND

GEOG 433 Landform Analysis and Landscape Planning (3) Overview of Earth surface processes related to landscape planning. Topics include slope stability, water cycle, watershed and stream systems, sediment transport, soil erosion, and land use change. People as evaluators and agents of change is emphasized by case studies, discussion, and assignments.
Recommended Background: Introductory physical geography.
Formerly: GEOG 433 – Landform Analysis and Landscape Planning (3) Characteristics of surface form, water, vegetation, and surface materials, and their regional interrelationships. People as evaluators and agents of change.
(DE) Prerequisite(s): 132.

Rationale: This course has been revised over the years and the description should be revised to match. Students may have the appropriate background for the course even if they have not had GEOG 132. Impact on other units: None. Financial impact: None.

REMOVE (RE) PREREQUISITE(S), ADD RECOMMENDED BACKGROUND

GEOG 434 Climatology (3)
Recommended Background: Introductory physical geography or coursework in climatology, meteorology, or atmospheric science.
Formerly: (RE) Prerequisite(s): 131.

Rationale: This course attracts students from across campus that may have suitable background for the course but not specifically GEOG 131. Impact on other units: None. Financial impact: None.

DEPARTMENT OF HISTORY
(HIEU) History - Europe

REVISE TITLE

† HIEU 302 History of Greece I (3)
Formerly: History of Classical Greece
(See Classics 302.)

† HIEU 306 History of Greece II (3)
Formerly: History of Hellenistic Greece
(See Classics 306.)

Classics is primary.

Rationale: These titles are being revised by the primary department, Classics. Impact on other units: Cross listed Classics courses. Financial impact: None.

(HIUS) History – United States

REVISE CROSS LISTING

† HIUS 325 Women in American History
(Same as Women, Gender, and Sexuality 325.)
Formerly: Same as Women's Studies 325.

History – United States is primary.

Rationale: Women's Studies is changing its name to Women, Gender, and Sexuality. Impact on other units: Cross listing with WGS. Financial impact: None.

ADD SECONDARY CROSS LISTING

† HIUS 326 Gay American History (3)
(Same as American Studies 326; Women, Gender, and Sexuality 326.)
Formerly: (Same as American Studies 326.)

History – United States is primary.

Rationale: These are appropriate courses for the Women, Gender, and Sexuality IDP. Impact on other units: Cross listing with WGS. Financial impact: None.

REVISE CROSS LISTING

† HIUS 376 African American Women's History from Slavery to the Present (3)
(Same as Africana Studies 375; Women, Gender, and Sexuality 376.)
Formerly: (Same as Africana Studies 375; Women's Studies 376)

History – United States if primary.

Rationale: The Women's Studies IDP is changing to Women, Gender, and Sexuality. Impact on other units: None. Financial impact: None

ADD SECONDARY CROSS LISTING

† HIUS 436 History of Gender and Sexuality in the United States (3)
(Same as American Studies 436; Women, Gender, and Sexuality 436.)
Formerly: (Same as American Studies 436.)

History – United States if primary.

Rationale: This is an appropriate course for the Women, Gender, and Sexuality IDP. Impact on other units: None. Financial impact: None.

REVISE TITLE AND DESCRIPTION

HIUS 450 America and the World (3) Course examines the impact of the modern United States on world history, and the impact that the world has had on modern U.S. history. Alongside traditional topics like war and diplomacy, the course emphasizes migration, social movements, intellectual and cultural exchanges, business and capitalism, and empire.
Formerly: HIUS 450 - History of U.S. Foreign Relations (3) Examines America's role in the world; ideology and practice of U.S. diplomacy. Writing-emphasis course.

Rationale: The old title and description reflect a way of thinking about the US, its history, and its global interactions that are no longer consistent with current scholarship. Impact on other units: None. Financial impact: None.

(HILA) History – Latin America

ADD CROSS LISTING

† HILA 465 Gender and Sexuality in Early Latin America (3)
(Same as Latin American and Caribbean Studies 466; Women, Gender, and Sexuality 465.)
Formerly: (Same as Latin American and Caribbean Studies 466.)

History – Latin America is primary.

Rationale: These are appropriate courses for the Women, Gender, and Sexuality IDP. Impact on other units: Cross listing with GS. Financial impact: None.

INTERDISCIPLINARY PROGRAMS
(INPG) Interdisciplinary Programs

REMOVE (RE) PREREQUISITE(S), ADD (RE) COREQUISITE(S)

INPG 120 VolsTeach: Inquiry-Based Lesson Design (1)
(RE) Corequisite(s): 110.
Formerly: (RE) Prerequisite(s): 110 with a grade of B- or better, or permission of instructor.

Rationale: To accommodate completion of the VolsTeach program in four years when a student does not enter during freshman year. Impact on other units: None. Financial impact: None.

REVISE REGISTRATION RESTRICTION(S), REMOVE REGISTRATION PERMISSION

INPG 499 Senior Portfolio (1)
Registration Restriction(s): Minimum student level – senior; Interdisciplinary Program Major – Neuroscience Concentration.
Formerly: Registration Restriction(s): Minimum student level – senior.
Registration Permission: Consent of instructor.

Rationale: This is a core course for the Neuroscience concentration and is used by no other unit. Due to the large number of students that will be taking the course in the future, it will become unwieldly to have to provide permission for each individual student to register for the course. Impact on other units: None. Financial impact: None.

(AFST) Africana Studies

REVISE CROSS LISTING REFERENCE

† AFST 484 African American Women in American Society (3)
(Same as Women, Gender, and Sexuality 484.)
Formerly: Same as Women's Studies 484.

Africana Studies is primary

Rationale: This change is necessary because the Women's Studies program is changing to Women, Gender, and Sexuality. Impact on other units: This cross listed course is housed in Africana Studies. Financial impact: None.

(CNST) Cinema Studies

REVISE CROSS LISTING

† CNST 469 Sexuality and Cinema (3)
(See Women, Gender, and Sexuality 469.)
Formerly: See Women's Studies 469.

Women, Gender, and Sexuality is primary.

Rationale: Women's Studies is changing to Women, Gender, and Sexuality. Impact on other units: None. Financial impact: None.

(JST) Judaic Studies

REVISE TITLE:

† JST 405 Modern Jewish Studies (3)
(See Religious Studies 405.)
Formerly: JST 405 – Modern Jewish Thought

Religious Studies 405 is primary.

Rationale: The primary department is changing the title of this course. Impact on other units: Religious Studies is the primary unit. Financial impact: None.

(LING) Linguistics

REVISE TITLE AND DESCRIPTION

LING 423 History of Linguistics (3) Surveys the main trends in linguistic theory and philosophy of linguistics from ancient times through modern Linguistics. Provides a strong grounding in fundamental principles of scientific reasoning illustrated through examples with emphasis on the development of Linguistics into a modern science.
Formerly: LING 423 – The Development of Diachronic and Synchronic Linguistics (3) Development of western linguistic thought from the Hebrews and Greeks through modern times. Readings from Boas, Sapir, Bloomfield and others.

Rationale: Due to recent retirements and changes in personnel, we broadened the name and description of the course to allow current linguistics faculty to teach it. Impact on other units: None. Financial impact: None.

DEPARTMENT OF MATHEMATICS
(MATH) Mathematics

REVISE TITLE AND DESCRIPTION

MATH 341 Introduction to Analysis (3) Introduction to limits, sequences, the topology of the real line, and functions of a real variable.
Formerly: MATH 341 – Analysis I (3) Introduction to the theory of the real number system. Limits of sequences and functions of a real variable.

Rationale: The title and description are being updated. The course will be a prerequisite for the new course MATH 441. Impact on other units: None. Financial impact: None.

REVISE TITLE

MATH 351 Introduction to Abstract Algebra (3)
Formerly: MATH 351 – Algebra I

Rationale: The title is being updated. This course will be a prerequisite for new courses 450 and 451. Impact on other units: None. Financial impact: None.

REVISE DESCRIPTION

MATH 443 Complex Variables (3) Introduction to the theory of functions of a complex variable, including contour integrals and conformal mapping properties.
Formerly: Introduction to the theory of functions of a complex variable, including residue theory and contour integrals.

Rationale: The course description is being updated and the course will be a part of a new pairing to satisfy the Depth requirement of the Math major. Impact on other units: None. Financial impact: None.

REVISE TITLE AND DESCRIPTION

MATH 447 Honors: Analysis I (3) Honors-level introduction to the theory of sequences, series, differentiation, and integration of functions of one or more variables.
Formerly: MATH 447 – Honors: Advanced Calculus I (3) Honors version of 445.

REVISE TITLE

MATH 448 Honors: Analysis II (3)
Formerly: MATH 448 – Honors: Advanced Calculus II

Rationale: These changes are a part of the revision of Math upper division analysis courses. Impact on other units: None. Financial impact: None.

REVISE DESCRIPTION AND (RE) PREREQUISITE(S)

MATH 457 Honors: Abstract Algebra I (3) Topics in abstract algebra, including groups, rings, fields, vector spaces, and linear transformations.
(RE) Prerequisite(s): 351 or honors concentration.
Formerly: MATH 457 – Honors: Abstract Algebra I (3) Honors version of 455.
(RE) Prerequisite(s): 351.

Rationale: This change is a part of the revision of Math Upper Division Undergraduate Algebra courses. Impact on other units: None. Financial impact: None.

DEPARTMENT OF MICROBIOLOGY
(MICR) Microbiology

REVISE CROSS LISTING

† MICR 421 Food Microbiology (3)
(See Food Science 421.)
Formerly: (See Food Science and Technology 421.)

Food Science is Primary

Rationale: Food Science and Technology has changed its name to Food Science. Impact on other units: None. Financial impact: None.

ADD SECONDARY CROSS LISTED COURSE

† MICR 460 Cancer Biology (3)
(See Biochemistry and Cellular and Molecular Biology 460.)

Biochemistry and Cellular and Molecular Biology is primary.

Rationale: Microbiology faculty have been actively engaged in the development and teaching of this course (formerly under BCMB 420) for the last few years. Given the contribution of Microbiology faculty and the desire of students pursuing our concentration to take this course, the course should be cross listed with the newly proposed BCMB 460. Impact on other units: Cross listed BCMB course. Financial impact: None.

DEPARTMENT OF MODERN FOREIGN LANGUAGES AND LITERATURES
(SPAN) Spanish

REVISE TITLE
(CORRECTION TO 2016-2017 CATALOG and subsequent catalogs)

SPAN 150 Transition to Intermediate Spanish (3)
Formerly: Intermediate Spanish Transition (3) in 2015-2016 catalog, mistakenly changed to Intermediate Spanish (3) (See page 39/U3455 of the UGC Minutes of 1/26/2016.) when it should have been changed to Transition of Intermediate Spanish (3).

Rationale: This title was revised for fall 2016 but there was a typo in the curriculum forms. This corrects that mistake. Impact on other units: None. Financial impact: None.

(FREN) French

REVISE DESCRIPTION

FREN 334 Intermediate Conversation and Phonetics (3) Emphasizes speaking skills, especially pronunciation. Further review of French grammar.

Formerly: Emphasizes speaking skills, especially pronunciation. Further review of French grammar. Required of all majors.

Rationale: The requirement for majors appears elsewhere and no other required courses add this language. It is not needed here. Impact on other units: None. Financial impact: None

REMOVE CREDIT RESTRICTION

FREN 353 Introduction to Literary Analysis in French (3)

Formerly: Credit Restriction: French 353 may not be taken for credit if students already have received credit for 351 or 352.

Rationale: The credit restriction is no longer needed as 351 and 352 were removed from the catalog some years ago. Impact on other units: None. Financial impact: None.

REVISE COMMENT

† FREN 420 French Cinema (3)
Comment(s): Open to non-majors. Credit toward a major or minor in French available with additional reading and writing in French to students who have completed French 353 or the equivalent.

Formerly: Comment(s): Open to non-majors. Credit toward a major or minor in French available with additional reading and writing in French to students who have completed French 351, 352, 353 or the equivalent.

Rationale: French 351 and 352 were removed from the catalog some years ago so are not needed here. Impact on other units: None. Financial impact: None.

SCHOOL OF MUSIC
(MUCO) Musicology

REVISE TITLE, DESCRIPTION, AND CROSS LISTING

✳ † MUCO 330 Music, Gender, and Sexuality (3) Interdisciplinary study of music as a gendered practice in a variety of cultural contexts, including western European art music, American popular music, and others. Explores gendered roles, constructions of gender, and expressions of sexuality in musical composition, performance, participation, and social and political institutions using historical, anthropological, feminist, and queer studies interpretations.
(Same as Women, Gender, and Sexuality 330.)

Formerly: MUCO 330 – Women in Music (3) Interdisciplinary survey of music as a gendered construct in varying cultural contexts, including western European art music, American popular music, and others. Explores gendered roles in composition, performance, and social and musical institutions from the point of view of historical, cultural, feminist, and queer interpretations.
(Same as Women's Studies 330.)

Musicology is primary.

Rationale: The title and description changes better reflect the actual content of the course. The Women's Studies IDP is changing to Women, Gender, and Sexuality prompting the cross list change. Impact on other units: Cross listed with Women, Gender, and Sexuality. Financial impact: None.

† MUCO 412 Gender, Performance Art, and the Avant Garde (3) Explores interdisciplinary 20th-century phenomena of performance and performativity, engaging with sexuality, feminisms, social constructions of gender, and identifications and presentations of the body. Consideration of ways in which performative expressions employ and encompass aspects of music, voice, and sound, drama, spoken word, film, visual arts, movement, and dance.
(Same as Women, Gender, and Sexuality 412.)

Formerly: MUCO 412 - Women, Performance Art, and the Avant Garde (3) Explores interdisciplinary 20th-century phenomena of performance and performativity with sexuality, feminisms, social constructions of gender, and identifications and presentations of the body. Consideration of ways in which performative expressions employ and encompass aspects of music, voice, and sound, drama, spoken word, film, visual arts, movement, and dance.
(Same as Women's Studies 412.)

Musicology is primary.

Rationale: Slight updates to the title and description. The Women's Studies IDP is changing its name to Women, Gender, and Sexuality. Impact on other units: Cross listed with Women, Gender, and Sexuality. Financial impact: None.

DEPARTMENT OF PHILOSOPHY
(PHIL) Philosophy

REVISE CROSS LIST

✳ † PHIL 382 Philosophy of Feminism (3)
(Same as Women, Gender, and Sexuality 382.)
Formerly: (Same as Women's Studies 382.)

Philosophy is primary.

Rationale: The Women's Studies IDP is changing to Women, Gender, and Sexuality. Impact on other units: Cross listed with Women, Gender, and Sexuality. Financial impact: None.

DEPARTMENT OF PHYSICS AND ASTRONOMY
(PHYS) Physics

REVISE RECOMMENDED BACKGROUND

✳ PHYS 161 Elements of Physics for Architects and Interior Design Students (3)
Recommended Background: High school intermediate algebra, geometry, and trigonometry.
Formerly: High school intermediate algebra and geometry.

Rationale: Trigonometry is being added to the list of recommended background courses because it is critical to understanding the interaction of forces with structures in the context of architectural design. Impact on other units: Very little expected. We have been routinely overriding this prerequisite for several years. Financial impact: None.

REVISE (RE) PREREQUISITE(S), ADD RECOMMENDED BACKGROUND

PHYS 411 Introduction to Quantum Mechanics (3)
(RE) Prerequisite(s): 250.
Recommended Background: A course (200-level or higher) in advanced calculus.
Formerly: 250 and Mathematics 435.

Rationale: This change eliminates the prerequisite of MATH 435 (Partial Differential Equations) and includes a recommendation for sophistication in the application of advanced calculus. This course requires considerable application of calculus but only limited previous experience in partial differential equations. That which is needed is presented as an integral part of the course and is included in the standard textbooks. Impact on other units: Very little expected. We have been routinely overriding this prerequisite for several years. Financial impact: None.

DEPARTMENT OF PSYCHOLOGY
(PSYC) Psychology

REVISE CREDIT RESTRICTION

PSYC 382 Contemporary Topics in Psychology (3)
Credit Restriction(s): No more than 6 hours of 382, 482, and 485 may be applied toward the major. An additional 6 hours of 382, 482, and 485 may count as electives.
Formerly: Credit Restriction(s): Maximum of 6 hours may be applied toward the major.

Rationale: We are adding a new special topics course under a separate proposal (PSYC 485). This change will cover all of our special topics courses, such that students may not count more than 6 credits from any combination of special topics toward the major. Impact on other units: None. Financial impact: None.

REVISE CROSS LIST

† PSYC 434 Psychology of Gender (3)
(Same as Women, Gender, and Sexuality 434.)
Formerly: Same as Women's Studies 434.

Psychology is primary.

Rationale: The Women's Studies IDP is being dropped and added back as Women, Gender, and Sexuality. Impact on other units: Cross listed with Women, Gender, and Sexuality. Financial impact: None.

REVISE DESCRIPTION AND CREDIT RESTRICTION

PSYC 482 Special Topics in Psychology (3) Intensive analysis of special topics, such as sustainability psychology or intersectionality.
Credit Restriction: No more than 6 hours of 382, 482, 485 may be applied toward the major. An additional 6 hours of 382, 482, 485 may count as electives.

Formerly: PSYC 482 – Special Topics in Psychology (3) Intensive analysis of special topics, such as African American psychology or evaluation of programs in the community.
Credit Restriction: No more than 6 hours of 382, 482 may be applied toward the major. An additional 6 hours of 382, 482 may count as electives.

Rationale: Updated description to reflect current offerings (e.g., African American psychology is no longer offered as a special topics course and has its own course number). Adding new special topics course to list of courses in credit restriction. Impact on other units: None. Financial impact: None.

DEPARTMENT OF RELIGIOUS STUDIES
(REST) Religious Studies

REVISE CROSS LISTING

† REST 320 Gender and Religion (3)
(Same as Women, Gender, and Sexuality 320.)
Formerly: (Same as Women's Studies 320.)

Religious Studies is primary.

Rationale: Women's Studies is changing their name to Women, Gender, and Sexuality. Impact on other units: None. Financial impact: None.

REMOVE CREDIT RESTRICTION

† REST 359 American Religious History (3)
Formerly: Credit Restriction: Students may not receive credit for both History – United States 359 and Religious Studies 351.

Religious Studies is primary.

Rationale: The credit restriction language is no longer relevant to future catalog years. Impact on other units: None. Financial impact: None.

REVISE TITLE, DESCRIPTION, AND (RE) PREREQUISITE(S)

† REST 405 Modern Jewish Studies (3) History, culture, and geography of the Jewish world from 2850 to present. The founding of the modern state of Israel in 1948 and the political complexities of the Middle East. Jewish culture and literature. Writing-emphasis course.
(RE) Prerequisite(s): English 102, 118, 132, 290, or 298.
Formerly: REST 405 – Modern Jewish Thought (3) History, culture, and geography of the now Israeli portion of the Levant from 1850 to present. The founding of the modern state of Israel in 1948 and the political complexities of the Middle East.
(RE) Prerequisite(s): English 102 or equivalent.

Religious Studies is primary.

Rationale: The revisions reflect recent changes in course instructor(s) and allow a more global approach to the course. Impact on other units: None. Financial impact: None.

ADD PREREQUISITE

REST 436 Seminar in Islamic Studies (3)
(RE) Prerequisite(s): English 102, 118, 132, 290, or 298.

REST 479 Seminar in East Asian Religions (3)
(RE) Prerequisite(s): English 102, 118, 132, 290, or 298.

Rationale: Adding English 102 or equivalent as a prerequisite would allow the department to propose this seminar as a Gen Ed WC course and thus ensure a healthy enrollment. Impact on other units: None. Financial impact: None.

DEPARTMENT OF SOCIOLOGY
(SOCI) Sociology

REVISE CROSS LISTING

† SOCI 375 Gender in Society (3)
(Same as Women, Gender, and Sexuality 375.)
Formerly: Same as Women's Studies 375

Sociology is primary.

† SOCI 453 Gender and Crime (3)
(Same as Women, Gender, and Sexuality 453.)
Formerly: Same as Women's Studies 454.

Sociology is primary.

Rationale: Women's Studies has changed its name to Women, Gender, and Sexuality. Impact on other units: None. Financial impact: None.

REVISE TITLE AND DESCRIPTION

SOCI 466 Special Topics in Race and Ethnicity (3) Rotating topics on specific race and ethnicity areas. May include topics such as environmental racism, policing and race, race, terror and genocide, intersectionality, health disparities, immigration and ethnic change, and advanced Critical Race Theory.
Formerly: SOCI 466 – Issues in Race and Ethnicity (3) Survey of advanced topics in the sociological study of race and ethnicity.

Rationale: This course will be part of our new concentration area in Critical Race and Ethnic Studies that recognizes core faculty research and teaching strengths. Impact on other units: None. Financial impact: None.

TEXT AND PROGRAM CHANGES

REVISE TEXT

Arts and Sciences
(Main college page)

College-wide Requirements: Perspectives

Foreign Language
(Paragraph 2, first bullet)

- Completion of one of the following intermediate-level foreign language sequences: ARAB 221-ARAB 222; ~~ASST 241-ASST 242~~, ASST 261-ASST 262; CHIN 231-CHIN 232; FREN 211-FREN 212, FREN 217-FREN 218; GERM 211-GERM 212; (Greek) CLAS 261-CLAS 264; (Latin) CLAS 251-CLAS 252; HEBR 241-HEBR 242; ITAL 211-ITAL 212; JAPA 251-JAPA 252; PORT 211-PORT 212; REST 221-REST 222; RUSS 201-RUSS 202; SPAN 211-SPAN 212, or SPAN 217-SPAN 218.

Rationale: ASST 241 and 242, which are being dropped, were cross-listed with HEBR 241 and 242; therefore, we are removing the two Asian Studies courses and replacing them with the Hebrew courses. Impact on other units: None. Financial impact: None.

Foreign Language Placement Information

All students who wish to enroll in a foreign language course, who have completed at least two years of this language in high school and who have not yet taken a college course in the language, must take a placement examination before enrolling. Placement in the appropriate course will be determined by the score on the examination. Examinations for most languages will be given online prior to orientation and at any time during the fall, spring, and summer. Students who place into 200-level courses will receive six hours of elementary language credit upon successful completion of a 200-level course in the same language at UTK, provided that they do not subsequently enroll and receive credit for any 100-level course in the same language. If they do, elementary placement credit is forfeited and removed from the student's transcript.

Students who place into 300-level courses will receive six hours of intermediate language credit upon successful completion of a 300-level course in the same language at UTK, provided that they do not subsequently enroll and receive credit for any 200-level course in the same language. If they do, intermediate placement credit is forfeited and removed from the student's transcript. Those students who place into 200- or 300-level courses and do not wish to continue in a language, but wish to receive six hours of 100- or 200-level credit, respectively, for their online exam, may do so by completing a proctored placement exam during the fall, spring, or summer and confirming the results of their online placement exam.

Rationale: These changes are to clarify that credit is only awarded for classes taken at UTK. Impact on other units: None. Financial impact: None.

Global Challenges:

BIOL 105, BIOL 150; ENGL 225, ENGL 226, ENGL 335, ENGL 336, ENGL 423; GEOG 101, GEOG 111, GEOG 131, GEOG 132, GEOG 137, GEOG 200, GEOG 206, GEOG 320, GEOG 331, GEOG 340, GEOG 341, GEOG 343, GEOG 344, GEOG 371, GEOG 373, GEOG 374, GEOG 375, GEOG 413, GEOG 430, GEOG 435, GEOG 441, GEOG 442, GEOG 444, GEOG 445, GEOG 449, GEOG 451, GEOG 462; HILA 450; HIME 350; HIUS 450; LAC 450, LAC 456; MFLL 300; PHIL 346, PHIL 441; POLS 453, POLS

456, POLS 461, POLS 463, POLS 471, POLS 474, POLS 479; REST 101, REST 102, REST 386, REST 476; SOCI 341, SOCI 342, SOCI 375, SOCI 442, SOCI 446; WGS 370 ~~WOST 370~~.

Connections

Cultural and Artistic Achievement: Arts in the United States

AMST 303; ARTH 470, ARTH 472, ARTH 473; ENGL 303, ENGL 331, ENGL 332, ENGL 333, ENGL 334, ENGL 381, ENGL 444; MUCO 411, MUCO 413; POLS 312; REST 354.

Global Social Justice

AMST 310, AMST 450; GEOG 343, GEOG 451; PHIL 391, PHIL 441; SOCI 341, SOCI 342, SOCI 345, SOCI 353, SOCI 442, SOCI 446, SOCI 449, SOCI 452, SOCI 453, SOCI 455, SOCI 472; WGS 370 ~~WOST 370~~.

How to Live in the Pre-Modern World

CLAS 340, CLAS 345, CLAS 381, CLAS 382, CLAS 384, CLAS 436, CLAS 439, CLAS 442, CLAS 443, CLAS 444; ENGL 401; HIAS 394; HIEU 321, HIEU 322, HIEU 324; HILA 484; HIME 369, HIME 370, HIME 382, HIME 383; JST 322; MRST 322; PHIL 320, PHIL 322; REST 311, REST 312, REST 321, REST 322, REST 379, REST 383.

Inequalities: Race, Ethnicity, Class, and Gender

AMST 310; CLAS 384; ENGL 331, ENGL 332, ENGL 333, ENGL 444; GEOG 363, GEOG 420, GEOG 442; GERM 433, GERM 434; HIUS 380, HIUS 436; PHIL 382; SOCI 341, SOCI 343, SOCI 344, SOCI 345, SOCI 353, SOCI 375, SOCI 442, SOCI 452, SOCI 453, SOCI 463, SOCI 466, SOCI 472; SPAN 433, SPAN 484; WGS 340, WGS 370 ~~WOST 310, WOST 340, WOST 370~~.

Mobility and Migration

ANTH 314, ANTH 320~~, ANTH 322~~, ANTH 325; ENGL 333; GEOG 344, GEOG 442, GEOG 444, GEOG 449; GERM 433; HIEU 434; ITAL 414; PHIL 441; SPAN 465.

Rise and Decline of Premodern Complex Societies

ANTH 360, ANTH 462, ANTH 463; CLAS 302, CLAS 306, CLAS 362, CLAS 436, CLAS 442, CLAS 443, CLAS 444, CLAS 445; HIAF 371; HIAS 389; HIEU 303, HIEU 304, HIEU 305, HIEU 312, HIEU 324, HIEU 426; HIME 369, HIME 370, HIME 382, HIME 383, HIME 400; POLS 475.

Rationale: Women's Studies is being dropped and Women, Gender, and Sexuality added so we are changing the acronym for those courses. We are deleting courses that no longer apply or no longer exist, and adding courses that apply to certain packages. Impact on other units: None. Financial impact: None.

ADD TEXT
(Add just before the VolsTeach section on the main college page)

PEACE CORPS PREP PROGRAM

The Peace Corps Prep (PCP) program combines academic coursework with external training/experience to give undergraduate students the qualifications and skill-set to be strong candidates for entering the U.S. Peace Corps after graduation. Students in the program must complete a set of courses which may be used to satisfy requirements or electives in many UT majors and minors. The program also includes training/experience in a specific sector, such as agriculture or environmental sciences, designed to develop professional and leadership skills. (link to webpage with requirements) The PCP program is open to all undergraduate UT students regardless of major, provided they meet the admissions requirements for the program. Students should apply for admission to the program as early as possible, and no later than one year before they expect to complete their UT undergraduate degree. For more information, please visit the Peace Corps page of Center for International Education website or contact the Peace Corps Prep Program coordinator. (link to CIE website where coordinator will be listed)

Note: Inclusion of the Peace Corps Prep Program information will be conditional pending approval of the Peace Corps Prep Program proposal by the Peace Corps, with a decision expected February 2017

REVISE REQUIREMENTS

Arts and Sciences Exploratory Program – Pre-Professional Track

Requirements for the Arts and Sciences Exploratory Major – Pre-Professional Track (Medical Laboratory Science, Dentistry, Medicine, Pharmacy, Veterinary Medicine)

COURSE SUBJECT AND TITLE	HRS	ADVISING NOTES	MILESTONES
TERM THREE			

BIOL 240	4		• ENGL 102 or equivalent • Quantitative Reasoning course • Complete with C or better an additional course from BIOL 150 or BIOL 160 (or equivalent)
CHEM 260 or CHEM 268 ~~CHEM 350 or CHEM 358~~	3		
COMMUNICATING ORALLY (OC)	3		
ARTS AND HUMANITIES (AH) OR SOCIAL SCIENCE (SS)	3		
FOREIGN LANGUAGE	3	Intermediate foreign language satisfies the CULTURES & CIVILIZATION (CC) requirement.	

Rationale: Chemistry is dropping CHEM 350 and 358 and replacing them with CHEM 260 and 268. Impact on other units: None. Financial impact: None.

SCHOOL OF ART
(ARTH) Art History

REVISE REQUIREMENTS

Art History Major, BA

I. Prerequisites (12 hours)
C. Select 3 hours (grade of C or better):
- any 100-200 level Three-Dimensional Arts course (ARTB) ~~except ARTB 225, and ARTB 226~~

Art Major, BA

II. Major (30 hours)
A. Select 12 hours 200-level studio courses (covering three of the following four areas):
Three-Dimensional Arts
- ~~ARTB 225 - Portfolio Practicum – Handbuilding~~
- ~~ARTB 226 - Portfolio Practicum – Throwing~~

Rationale: ARTB 225 and 226 are being dropped. Impact on other units: None. Financial impact: None.

REVISE REQUIREMENTS

Requirements for the Bachelor of Fine Arts – Graphic Design Major

Term 1	Hours	Milestone Notes
ENGL 101 (or equivalent)*	3	~~ART 101 with a grade of C or better~~
Quantitative Reasoning Elective*	3	~~One course from ARTH 172* or ARTH 173* with a grade of C or better~~
ART 101	3	Completion of at least 12 credit hours
ART 102	3	
ARTH 172* or ARTH 177*	3	
Term 2		
ENGL 102 (or equivalent)*	3	ENGL 101* ~~ENGL 102*~~
ARTD 150*	3	~~ART 102 and ART 103 with a grade of C or better~~
ART 103	3	~~ARTD 150* with a grade of C or better~~
Natural Sciences Lab*	4	~~Second course from ARTH 172* or ARTH 173* with a grade of C or better~~
ARTH 173* or ARTH 178*	3	
Term 3		
ARTD 251	3	~~ARTD 251 with a grade of C or better~~
ARTD 255	3	~~200-level studio art elective with a grade of C or better~~
General Education Elective	3	Complete ARTD 350 with a Pass
Foreign Language (intermediate level)*	3	
Studio Elective	3	
ARTD 350 – Portfolio Review	0	
Term 4		
ARTD 252	3	~~ARTD 252 with a grade of C or better~~
Quantitative Reasoning Elective*	3-4	~~Complete additional 200-level studio art elective with a grade of C or better~~

Foreign Language (intermediate level)*	3	ENGL 102*
Studio Electives	6	
Elective	0-1	
Term 5		
ARTD 351	4	~~ARTD 351 with a grade of C or better~~
ARTD 405	4	~~Complete a 400-level ARTD course with a grade of C or better~~
[1]Studio Electives	6	~~200-level studio art elective with a grade of C or better~~
[1]Communicating through Writing Elective*	3	Completion of at least 60 credit hours

Rationale: The BFA Graphic Design degree is sequenced so tracking is already an important part of advising. Under the current tracking system, however, an inordinate number of students are "off-track." Impact on other units: None. Financial impact: None.

DEPARTMENT OF BIOCHEMISTRY AND CELLULAR AND MOLECULAR BIOLOGY
(BCMB) Biochemistry and Cellular and Molecular Biology

REVISE REQUIREMENTS

Biological Sciences Major, BS – Biochemistry and Cellular and Molecular Biology Concentration

BCMB Concentration

I. Complete:
- CHEM 260 Foundations of Organic Chemistry
- ~~CHEM 350 - Organic Chemistry I~~

II. Select one course:
- BCMB 405 – Biophysical Chemistry

Rationale: BCMB 405 will be offered as an alternative to BCMB 402 and BCMB 412. Change is made to address the direction that the department has taken with the introduction of several research faculty in Biophysics. Impact on other units: None. Financial impact: None.
Rationale: Chemistry is dropping CHEM 350 and replacing it with CHEM 260.

III. Select (13 total hours)
A. Select at least 2 credit hours from laboratory courses ~~one laboratory course~~

Rationale: As the heading reads now, students can satisfy the lab requirement by completing a 1 credit course. The intent of the program has always been to require a minimum of 2 laboratory credit hours. This revision brings the catalog into line with the program intent. Impact on other units: None. Financial impact: None.

Requirements for Biological Sciences Major – Biochemistry and Cellular and Molecular Biology Concentration

Term 1	Hours	Milestone Notes
BIOL 150* or BIOL 158*	3	MATH 119 or ACT Math 25
BIOL 159* or BIOL 167*	2	BIOL 150* or BIOL 159* or BIOL 160* or CHEM 120* with a grade of C or better
CHEM 120* or CHEM 128*	4	
ENGL 101 (or equivalent)*	3	
MATH 141*, MATH 147*, or MATH 151*	3-4	
Term 2		
BIOL 160* or BIOL 168*	3	ENGL 101*
CHEM 130* or CHEM 138*	4	Select an additional course from: BIOL 150* or BIOL 160* or CHEM 120* or CHEM 130* with a grade of C or better
ENGL 102 (or equivalent)*	3	
MATH 142*, MATH 148*, or MATH 152*	3-4	
[1]Elective	0-1	
Term 3		
BIOL 240	4	Select an additional course from: BIOL 150* or BIOL 160* or CHEM 130* with a grade of C or better
CHEM 260 or CHEM 268 ~~CHEM 350 or CHEM 358~~	3	
Foreign Language (intermediate level)*	3	
PHYS 221*	4	
[1]Elective	1	
Term 4		
BIOL 220 or BIOL 260 or BIOL 280	2-3	ENGL 102*
CHEM 360 or CHEM 368; CHEM 369	5	CHEM 130* or CHEM 260 ~~CHEM 350~~ with a grade of C or

		better
Foreign Language (intermediate level)*	3	Select an additional course from: BIOL 160* or BIOL 220 or BIOL 240 or BIOL 260 or BIOL 280 with a grade of C or better
PHYS 222*	4	
[1]Elective	0-1	
Term 5		
Arts and Humanities (List A or B)*	3	BIOL 240 with a grade of C or better
BCMB 311	3	CHEM 260 ~~CHEM 350~~ with a grade of C or better
BCMB 401	4	
Social Sciences*	3	
[1]Elective	1	

Rationale: Due to course availability, many biological sciences students are unable to register for the milestone courses in the term for which they are required in the 8-semester uTrack plans. Adding BIOL 160 gives students more flexibility. Impact on other units: None. Financial impact: None.
Rationale: Chemistry is dropping CHEM 350 and replacing it with CHEM 260.

DIVISION OF BIOLOGY
(BIOL) Biology

REVISE REQUIREMENTS

Biological Sciences Major, BS – Ecology and Evolutionary Biology Concentration

III. Remaining Hours
- CHEM 260 – Foundations of Organic Chemistry
- CHEM 268 – Honors: Foundations of Organic Chemistry
- ~~CHEM 350 - Organic Chemistry I~~ ~~**or**~~
- ~~CHEM 358 - Honors: Organic Chemistry I~~

Biological Sciences Major, BS – Microbiology Concentration
Microbiology Concentration

I. Complete:
- CHEM 260 – Foundations of Organic Chemistry
- ~~CHEM 350 - Organic Chemistry I~~ ~~**or**~~

II. Upper-Division Courses:
- FDSC 429 – Food Microbiology Lab
- ~~FDST 429 – Food Microbiology Lab~~

Requirements for Biological Sciences Major – Microbiology Concentration

Term 3		
BIOL 220-BIOL 229	4	Select an additional course from: BIOL 150* or BIOL 160* or CHEM 130* with a grade of C or better
CHEM 260 or CHEM 268 ~~CHEM 350 or CHEM 358~~	3	
Foreign Language (intermediate level)*	3	
PHYS 221*	4	
[1]Elective	0-1	
Term 4		
BIOL 240, BIOL 260, or BIOL 280	2-4	ENGL 102*
CHEM 360 or CHEM 368; CHEM 369	5	CHEM 130* or CHEM 260 ~~CHEM 350~~ with a grade of C or better
Foreign Language (intermediate level)*	3	Select an additional course from: BIOL 160*, BIOL 220-BIOL 229, BIOL 240, BIOL 260, or BIOL 280 with a grade of C or better
PHYS 222*	4	
[1]Elective	0-1	
Term 5		
Arts and Humanities (List A or B)*	3	BIOL 220-BIOL 229 with a grade of C or better
Foreign Language or Elective	3	CHEM 260 ~~CHEM 350~~ with a grade of C or better
MICR 321, MICR 329	5	
[1]Elective	1	

Rationale: Chemistry is dropping CHEM 350 and 358 and replacing them with CHEM 260 and 268. Impact on other units: None. Financial impact: None.
Rationale: Food Science and Technology is changing the department name to Food Science, so FDST 429 is becoming FDSC 429. Impact on other units: None. Financial impact: None.

DEPARTMENT OF ECOLOGY AND EVOLUTIONARY BIOLOGY
(EEB) Ecology and Evolutionary Biology

REVISE REQUIREMENTS

Requirements for Biological Sciences Major – Ecology and Evolutionary Biology Concentration

Term 1	Hours	Milestone Notes
BIOL 150* or BIOL 158*	3	MATH 119 or ACT Math 25
BIOL 159* or BIOL 167*	2	BIOL 150* or BIOL 159* or BIOL 160* or CHEM 120* with a grade of C or better
CHEM 120* or CHEM 128*	4	
ENGL 101 (or equivalent)*	3	
MATH 141*, MATH 147*, or MATH 151*	3-4	
Term 2		
BIOL 160* or BIOL 168*	3	ENGL 101*
CHEM 130* or CHEM 138*	4	Select an additional course from: BIOL 150* or BIOL 160* or CHEM 120* or CHEM 130* with a grade of C or better
ENGL 102 (or equivalent)*	3	
MATH 142*, MATH 148*, or MATH 152*	3-4	
[1]Elective	0-1	

Rationale: Due to course availability, many biological sciences students are unable to register for the milestone courses in the term for which they are required in the uTrack plans. These changes give more flexibility to keep students on track. Impact on other units: None. Financial impact: None.

ECONOMICS (ARTS AND SCIENCES)

REVISE REQUIREMENTS

Requirements for Economics Major (Arts and Sciences)

Term 2		
ENGL 102 (or equivalent)*	3	ENGL 101*
Foreign Language (intermediate level)*	3	MATH 125* or MATH 141*
Natural Sciences Lab (continuation of sequence)*	4	
ECON 211* or 217* ~~Social Sciences*~~	3	
STAT 201* or STAT 207*	3	
Term 3		
Arts and Humanities (List A)*	3	Complete at least 36 hours by the end of the term
Communicating Orally Elective*	3	
ECON 213* or ECON 218* ~~ECON 211* or ECON 217*~~	3	
[1]Electives	6	
Term 4		
Arts and Humanities (List A or B)*	3	ECON 211*
Communicating through Writing Elective*	3	ENGL 102*
Non-U.S. History*	3	STAT 201*
Social Sciences* ~~ECON 213* or ECON 218*~~	3	
[1]Elective	3	

Rationale: Econ 211 will be offered both fall and spring terms; however, most of the seats will be available in spring semester. For this reason, we would like to move Econ 211 to tracking term two of the uTrack plan and 213 to tracking term three. Impact on other units: None. Financial impact: None.

DEPARTMENT OF ENGLISH
(ENGL) English

REVISE REQUIREMENTS

English Major, BA – Rhetoric and Writing Concentration

Rhetoric and Writing Concentration

Select two courses:

- ENGL 494 – Cultural Rhetorics

Rationale: This course has been taught as a topics course and is now a regular offering in our rhetoric and writing curriculum. The course satisfies the spirit of this requirement. Impact on other units: None. Financial impact: None.

DEPARTMENT OF GEOGRAPHY
(GEOG) Geography

REVISE TEXT

Geography Minor

*The minor in geography consists of **15 hours** of geography courses at the 300-level or above. GEOG 490, GEOG 491, ~~GEOG 492,~~ GEOG 493 may not be counted toward the minor without departmental permission.*

Rationale: GEOG 492 is being dropped.

DEPARTMENT OF HISTORY

REVISE REQUIREMENTS

History Major, BA, Major Requirements

Select 24 upper-division hours including at least 6 hours at 400 level:

Select one course in European History:

- HIEU 302 - **History of Greece I** ~~**History of Classical Greece**~~
- HIEU 306 - **History of Greece II** ~~**History of Hellenistic Greece**~~
- **HIEU 324 – The Viking World**
- ~~**HIEU 436 - History of Nazi Germany**~~

Select one course in United States History:

- **HIUS 324 – History of Rape in the U.S.**
- **HIUS 365 – Food and Power in U.S. History**
- ~~**HIUS 439 - Food and Power in U. S. History**~~
- HIUS 450 - **America and the World** ~~**History of U.S. Foreign Relations**~~

Select two courses (from two different areas):

Asia

- **HIAS 493 – The Samurai: Fact, Fiction, Fantasy**

Select one course from Pre-1750 History:

- **HIAS 493 – The Samurai: Fact, Fiction, Fantasy**
- HIEU 302 - **History of Greece I** ~~**History of Classical Greece**~~
- HIEU 306 - **History of Greece II** ~~**History of Hellenistic Greece**~~
- **HIEU 324 – The Viking World**

Rationale: These revisions are necessary because of courses being dropped, added, or revised. Impact on other units: None. Financial impact: None.

Honors Concentration - History

Select 24 upper-division hours:

Complete:

- ~~HIST 307 - Honors: Introduction/Historical Problems~~

Select one course in European History:

- HIEU 302 - History of Greece I ~~History of Classical Greece~~
- HIEU 306 - History of Greece II ~~History of Hellenistic Greece~~
- HIEU 324 – The Viking World
- ~~HIEU 436 - History of Nazi Germany~~

Select one course in United States History:

- HIUS 324 – History of Rape in the U.S.
- HIUS 365 – Food and Power in U.S. History
- ~~HIUS 439 - Food and Power in U. S. History~~
- HIUS 450 - America and the World ~~History of U.S. Foreign Relations~~

Select two courses (from two different areas):

Asia

- HIAS 493 – The Samurai: Fact, Fiction, Fantasy

Select one course from Pre-1750 History:

- HIAS 493 – The Samurai: Fact, Fiction, Fantasy

- HIEU 302 - History of Greece I ~~History of Classical Greece~~
- HIEU 306 - History of Greece II ~~History of Hellenistic Greece~~
- HIEU 324 – The Viking World

Select 6 additional hours ~~one additional honors course~~:

- any history honors course or history honors-by-contract course

Rationale: These revisions are necessary because of courses being dropped, added, or revised. Impact on other units: None. Financial impact: None

INTERDISCIPLINARY PROGRAMS

REVISE TEXT

Interdisciplinary Programs
(Main department page)

In keeping with the philosophy that integration of knowledge is as important as proficiency in a given field, the College of Arts and Sciences has combined the resources of several departments to offer a series of interdisciplinary majors and minors. These programs are Africana Studies, American Studies, Asian Studies, Cinema Studies, Comparative Literature, Global Studies, Judaic Studies, Latin American and Caribbean Studies, Linguistics, Medieval and Renaissance Studies, Neuroscience, Sustainability, and Women, Gender, and Sexuality ~~Women's Studies~~.

(ASST) Asian Studies

REVISE REQUIREMENTS

Asian Studies Concentration, BA (Interdisciplinary Programs Major)

Concentration Requirements

I. China (30 hours)
Select 6 hours (other geographical – cultural area):
- HIAS 393 – History of Modern Japan

II. Islamic World (30 hours)
Select 6 hours (other geographical – cultural area):
- ~~HIEU 395 - The Crusades and Medieval Christian-Muslim Relations~~

III. Japan (30 hours)
Select 6 hours (Subdivision B):
- ~~HIAS 394 - Chinese Intellectual History: Early Times~~
- HIAS 494 – History of Tokyo

REVISE REQUIREMENTS

Asian Studies Minor

Minor Requirements

II. Islamic World
Select 3 hours (other geographical-cultural area):
- ~~HIEU 395 - The Crusades and Medieval Christian-Muslim Relations~~

III. Japan, Select 6 hours (Subdivision B):
- ~~HIAS 394 - Chinese Intellectual History: Early Times~~

Rationale: These changes are being made because of changes in History courses. Impact on other units: None. Financial impact: None.

(LACS) Latin American and Caribbean Studies

REVISE REQUIREMENTS

Latin American and Caribbean Studies Concentration, – General Studies Track, BA (Interdisciplinary Programs Major)

Major Requirements

Select 27 hours (at least 21 hours must be upper division):
- ANTH 314 – Latinos in the United States
- ANTH 323 – Topics in Latin American Ethnography
- REST 356 – Rastafari and Afro-Caribbean Religions

Rationale: These are appropriate courses for this program. Impact on other units: None. Financial impact: None.

DEPARTMENT OF MICROBIOLOGY

(MICR) Microbiology

REVISE REQUIREMENTS

Biological Sciences Major – Microbiology Concentration

Term 1	Hours	Milestone Notes
BIOL 150* or BIOL 158*	3	MATH 119 or ACT Math 25
BIOL 159* or BIOL 167*	2	BIOL 150* or BIOL 159* or BIOL 160* or CHEM 120* with a grade of C or better
CHEM 120* or CHEM 128*	4	
ENGL 101 (or equivalent)*	3	
MATH 141*, MATH 147*, or MATH 151*	3-4	
Term 2		
BIOL 160* or BIOL 168*	3	ENGL 101*
CHEM 130* or CHEM 138*	4	Select an additional course from: BIOL 150* or BIOL 160* or CHEM 120* or CHEM 130* with a grade of C or better
ENGL 102 (or equivalent)*	3	
MATH 142*, MATH 148*, or MATH 152*	3-4	
[1]Elective	0-1	

Rationale: Due to course availability, many biological sciences students are unable to register for the milestone courses in the term for which they are required in the 8-semester uTrack plans. The course addition gives students more flexibility to keep them on track. Impact on other units: None. Financial impact: None.

DEPARTMENT OF MODERN FOREIGN LANGUAGES AND LITERATURES

REVISE REQUIREMENTS

Modern Foreign Languages and Literatures Major, BA – Language and World Business/Arabic Concentration

III. Professional Emphasis (select one)

A. International Business – 25 hours

- ECON 322 – The Global Economy: Trade and Development

or

- IB 409 – International Business

B. International Retail Merchandising – 25 hours

- RCS 341 - Consumers in the Marketplace

And 3 ~~6~~ additional hours from:

C. International Agricultural Economics – 25 ~~24~~ hours

- AREC 201 – Economics of the Global Food and Fiber System

or

- ECON 201 – Introductory Economics: A Survey Course
- AREC 212 – Introduction to Agribusiness Management
- ECON 311 – Intermediate Microeconomics
- STAT 201 – Introduction to Statistics
- ~~MGT 201 - Introduction to Business Management~~

~~and 9 additional hours from:~~

- ~~FINC 300 - Fundamentals of Finance~~
- ~~MARK 300 - Marketing and Supply Chain Management~~
- ~~MGT 300 - Organizational Management~~
- ~~MGT 472 - Managing People in the Global Environment~~

Rationale: IB 409 and ECON 322 both focus on the international economy. Adding IB 409 as a choice here (International Business) will save the extra step of petitioning the course when students take it instead of ECON 322. Impact on other units: None. Financial impact: None.
Rationale: RCS 341 is moving from being a choice to a required course as it has been determined to be a major core course to complete the Retail concentration. With that change, additional credit hour has dropped 3 hours so total hours remain the same. Impact on other units: None. Financial impact: None.
Rationale: Several courses that are important in this area (International Agricultural Economics) have been added to the requirements in this section making the total hours add up to 25. That takes away the need for the additional hours section. Impact on other units: None. The change will not add enough students to sections to make an impact. Financial impact: None.

Modern Foreign Languages and Literatures Major, BA – Language and World Business/Chinese Concentration

I. Language Requirement: Chinese – 27 hours

B. Select 9 hours

- CHIN 431 – Chinese literature and Culture

III. Professional Emphasis (select one)

A. International Business – 25 hours

- ECON 322 – The Global Economy: Trade and Development

or

- IB 409 – International Business

B. International Retail Merchandising – 25 hours

- RCS 341 – Consumers in the Marketplace

and 3 ~~6~~ additional hours from:

C. International Agricultural Economics – 25 ~~24~~ hours

- AREC 201 – Economics of the Global Food and Fiber System

or

- ECON 201 – Introductory Economics: A Survey Course
- AREC 212 – Introduction to Agribusiness Management
- ECON 311 – Intermediate Microeconomics
- STAT 201 – Introduction to Statistics
- ~~MGT 201 - Introduction to Business Management~~

~~and 9 additional hours from:~~

- ~~FINC 300 - Fundamentals of Finance~~
- ~~MARK 300 - Marketing and Supply Chain Management~~
- ~~MGT 300 - Organizational Management~~
- ~~MGT 472 - Managing People in the Global Environment~~

Rationale: Both of these revisions (CHIN 431 and RCS 341) add a course which will fit in the category and give students one more option in each section. Impact on other units: None. Financial impact: None.
Rationale: Will allow students to choose ECON 322 or IB 409 both of which focus on the international economy. Impact on other units: None. Financial impact: None.
Rationale: Since RSC 341 – Consumers in the Marketplace was added to the list of required courses in this section only 3 additional hours are needed to reach 25 hours. Impact on other units: None. Financial impact: None.
Rationale: Several courses that are important in this category International Agricultural Economics) are being added as required and that brings the required hours to 25 making additional hours to choose from unnecessary. Impact on other units: None. Financial impact: None.

Modern Foreign Languages and Literatures Major, BA – Language and World Business/French and Francophone Studies Concentration

III. Professional Emphasis (select one)

A. International Business – 25 hours

- ECON 322 – The Global Economy: Trade and Development

or

- IB 409 – International Business

B. International Retail Merchandising – 25 hours

- RCS 341 – Consumers in the Marketplace

and 3 ~~6~~ additional hours from:

C. International Agricultural Economics – 25 ~~24~~ hours

- AREC 201 – Economics of the Global Food and Fiber System

or

- ECON 201 – Introductory Economics: A Survey Course
- AREC 212 – Introduction to Agribusiness Management
- ECON 311 – Intermediate Microeconomics
- STAT 201 – Introduction to Statistics
- ~~MGT 201 – Introduction to Business Management~~

~~and 9 additional hours from~~:

- ~~FINC 300 - Fundamentals of Finance~~
- ~~MARK 300 - Marketing and Supply Chain Management~~
- ~~MGT 300 - Organizational Management~~
- ~~MGT 472 - Managing People in the Global Environment~~

Rationale: This (ECON 322 and IB 409) gives students a choice from two courses with similar content. Impact on other units: None. Financial impact: None.
Rationale: RCS 341 has been determined to be a major core course to complete the Retain concentration so is being added to the list of required courses which leaves only 3 additional hours needed. Impact on other units: None. Financial impact: None.
Rationale: Several courses which are important in this area (International Agricultural Economics) are being added to the required courses list bring the total hours to 25 and making additional choices unnecessary. Impact on other units: None. Financial impact: None.

Modern Foreign Languages and Literatures Major, BA – Language and World Business/German Concentration

III. Professional Emphasis (select one)

A. International Business – 25 hours
- ECON 322 – The Global Economy: Trade and Development
  or
- IB 409 – International Business

B. International Retail Merchandising – 25 hours
- RCS 341 - Consumers in the Marketplace

and 3 ~~6~~ additional hours from:

C. International Agricultural Economics – 24 hours
- AREC 201 – Economics of the Global Food and Fiber System
  or
- ECON 201 – Introductory Economics: A Survey Course
- AREC 212 – Introduction to Agribusiness Management
- ECON 311 – Intermediate Microeconomics
- STAT 201 – Introduction to Statistics
- ~~MGT 201 - Introduction to Business Management~~

  ~~and 9 additional hours from:~~
  - ~~FINC 300 - Fundamentals of Finance~~
  - ~~MARK 300 - Marketing and Supply Chain Management~~
  - ~~MGT 300 - Organizational Management~~
  - ~~MGT 472 - Managing People in the Global Environment~~

Rationale: IB 409, which focuses on the international economy, as does ECON 322, is being added so students can choose between the two courses. Impact on other units: None. Financial impact: None.
Rationale: RSC 341 is being added in this section as a required course making only 3 additional hours necessary. Impact on other units: None. Financial impact: None.
Rationale: Several courses that fit in this area (International Agricultural Economics) are being added as required courses so no additional hours are needed. Impact on other units: None. Financial impact: None.

Modern Foreign Languages and Literatures Major, BA – Language and World Business/Hispanic Studies Concentration

I. Language Requirement

C. Select two 300-400 level language, literature, culture courses:
- ~~SPAN 346 – Language and Culture of the Hispanic Business World~~

III. Professional Emphasis (select one)

A. International Business
- ECON 322 – The Global Economy: Trade and Development
  or
- IB 409 – International Business

B. International Retail Merchandising – 25 hours
- RCS 341 - Consumers in the Marketplace

and 3 ~~6~~ additional hours from:

C. International Agricultural Economics – 25 ~~24~~ hours
- AREC 201 – Economics of the Global Food and Fiber System
  or
- ECON 201 – Introductory Economics: A Survey Course
- AREC 212 – Introduction to Agribusiness Management
- ECON 311 – Intermediate Microeconomics
- STAT 201 – Introduction to Statistics
- ~~MGT 201 - Introduction to Business Management~~

~~and 9 additional hours from:~~
- ~~FINC 300 - Fundamentals of Finance~~
- ~~MARK 300 - Marketing and Supply Chain Management~~
- ~~MGT 300 - Organizational Management~~
- ~~MGT 472 - Managing People in the Global Environment~~

Rationale: In 2013 SPAN 346 became a required course and was assigned to Section A of this program, but no corresponding request was made to remove the course from Section C. This corrects that omission. Impact on other units: None. Financial impact: None.
Rationale: IB 409 will fit in this category (International Business) as well as ECON 322 so it is being added as a choice here. Impact on other units: None. Financial impact: None.
Rationale: RCS 341, which fits here, is being added as a required course in this section (International Retail Merchandising) so only 3 additional hours are needed. Impact on other units: None. Financial impact: None.
Rationale: Several courses that are a good fit in this area (International Agricultural Economics) are being added as required courses and that makes the additional 9 hours unnecessary. Impact on other units: None. Financial impact: None.

Modern Foreign Languages and Literatures Major, BA – Language and World Business/Italian Concentration

III. Professional Emphasis (select one)

A. International Business – 25 hours
- ECON 322 – The Global Economy: Trade and Development
  or
- IB 409 – International Business

B. International Retail Merchandising – 25 ~~24~~ hours
- RCS 341 - Consumers in the Marketplace

and 3 additional hours from:

C. International Agricultural Economics – 25 ~~24~~ hours
- AREC 201 – Economics of the Global Food and Fiber System
  or
- ECON 201 – Introductory Economics: A Survey Course
- AREC 212 – Introduction to Agribusiness Management
- ECON 311 – Intermediate Microeconomics
- STAT 201 – Introduction to Statistics
- ~~MGT 201 - Introduction to Business Management~~

~~and 9 additional hours from:~~
- ~~FINC 300 - Fundamentals of Finance~~
- ~~MARK 300 - Marketing and Supply Chain Management~~
- ~~MGT 300 - Organizational Management~~
- ~~MGT 472 - Managing People in the Global Environment~~

Rationale: IB 409 – International Business will fit here (International Business) so it is being added as a choice. Impact on other units: None. Financial impact: None.
Rationale: RSC 341 – Consumers in the Marketplace is a good fit here (International Retail Merchandising) so it is being added as a required course and that leaves only 3 additional hours needed. Impact on other units: None. Financial impact: None.
Rationale: Several courses which are a good fit in this area (International Agricultural Economics) are being added as required courses which leaves no need for additional hours. Impact on other units: None. Financial impact: None.

Modern Foreign Languages and Literatures Major, BA – Language and World Business/Japanese Concentration

III. Professional Emphasis (select one)

A. International Business – 25 hours
- ECON 322 – The Global Economy: Trade and Development
  or
- IB 409 – International Business

B. International Retail Merchandising – 25 hours
- RCS 341 - Consumers in the Marketplace

and 3 ~~6~~ additional hours from:

C. International Agricultural Economics – 25 ~~24~~ hours
- AREC 201 – Economics of the Global Food and Fiber System
  or
- ECON 201 – Introductory Economics: A Survey Course
- AREC 212 – Introduction to Agribusiness Management
- ECON 311 – Intermediate Microeconomics
- STAT 201 – Introduction to Statistics
- ~~MGT 201 - Introduction to Business Management~~

~~and 9 additional hours from:~~
- ~~FINC 300 - Fundamentals of Finance~~
- ~~MARK 300 - Marketing and Supply Chain Management~~
- ~~MGT 300 - Organizational Management~~
- ~~MGT 472 - Managing People in the Global Environment~~

Rationale: IB 409 is being added as a choice since it deals with the same type of issues as ECON 322. Impact on other units: None. Financial impact: None.
Rationale: RCS 341 is being moved to a required course as it has been determined to be a major core course to complete the Retail concentration. That leaves only 3 additional hours. Impact on other units: None. Financial impact: None.
Rationale: Several courses which are important in this area (International Agricultural Economics) are being added to the required courses list which leaves no need for additional hours. Impact on other units: None. Financial impact: None.

Modern Foreign Languages and Literatures Major, BA – Language and World Business/Portuguese Concentration

III. Professional Emphasis (select one)

A. International Business – 25 hours
- ECON 322 – The Global Economy: Trade and Development
  or
- IB 409 – International Business

B. International Retail Merchandising – 25 hours
- RCS 341 - Consumers in the Marketplace

and 3 ~~6~~ additional hours from:

C. International Agricultural Economics – 25 ~~24~~ hours

- AREC 201 – Economics of the Global Food and Fiber System
  or
- ECON 201 – Introductory Economics: A Survey Course
- AREC 212 – Introduction to Agribusiness Management
- ECON 311 – Intermediate Microeconomics
- STAT 201 – Introduction to Statistics
- ~~MGT 201 - Introduction to Business Management~~

~~and 9 additional hours from:~~

- ~~FINC 300 - Fundamentals of Finance~~
- ~~MARK 300 - Marketing and Supply Chain Management~~
- ~~MGT 300 - Organizational Management~~
- ~~MGT 472 - Managing People in the Global Environment~~

Rationale: IB 409 is being added as a choice here (International Business) since it deals with similar subject matter as ECON 322. Impact on other units: None. Financial impact: None.
Rationale: RCS 341 is being added as a required course which leaves only 3 additional hours to choose. Impact on other units: None. Financial impact: None.
Rationale: Several courses that are important in this area (International Agricultural Economics) have been added to the required list leaving no additional hours needed. Impact on other units: None. Financial impact: None.

Modern Foreign Languages and Literatures Major, BA – Language and World Business/Russian Studies Concentration

III. Professional Emphasis (select one)

A. International Business – 25 hours

- ECON 322 – The Global Economy: Trade and Development
  or
- IB 409 – International Business

B. International Retail Merchandising – 25 hours

- RCS 341 - Consumers in the Marketplace

and 3 ~~6~~ additional hours from:

C. International Agricultural Economics – 25 ~~24~~ hours

- AREC 201 – Introduction to Business Management
  or
- ECON 201 – Introductory Economics: A Survey Course
- AREC 212 – Introduction to Agribusiness Management
- ECON 311 – Intermediate Microeconomics
- STAT 201 – Introduction to Statistics
- ~~MGT 201 - Introduction to Business Management~~

~~and 9 additional hours from:~~

- ~~FINC 300 - Fundamentals of Finance~~
- ~~MARK 300 - Marketing and Supply Chain Management~~
- ~~MGT 300 - Organizational Management~~
- ~~MGT 472 - Managing People in the Global Environment~~

Rationale: IB 409 has been determined to fit well here (International Business) as a choice. Impact on other units: None. Financial impact: None.
Rationale: RCS 341 has been added as a required course, leaving only 3 additional hours needed. Impact on other units: None. Financial impact: None.
Rationale: Several courses which are important in this area (International Agricultural Economics) have been added to requirements so no additional hours are needed. Impact on other units: None. Financial impact: None.

SCHOOL OF MUSIC

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REVISE REQUIREMENTS

Music Major, BA – Music and Culture Concentration

III. Required Courses

Select one interdisciplinary elective:

- ~~WOST 220 – Women in Society*~~

Rationale: WOST 220 is being dropped. Impact on other units: None. Financial impact: None.

SCHOOL OF MUSIC
(MUCO) Musicology

REVISE REQUIREMENTS

Requirements for the Bachelor of Music • Music Major • Music Education Concentration – String Emphasis
Second Year

[1]Cultures and Civilizations Electives*	6
EDPY 210 ~~CFS 210*~~	3
Music Performance (200-level) (2,2)	4
MUSC 200 (0,0)	0
MUEN 370 (1,1)	2
MUTH 210, MUTH 220	6
MUTH 230, MUTH 240	2
MUCO 210*, MUCO 220*	6
MUED 210 or MUED 211	1
MUED 220 or MUED 221	1

Fourth Year

[1]Social Sciences Elective*	3
[1]Natural Sciences Elective*	3
[1]Quantitative Reasoning Elective*	3
Music Performance (300- or 400-level)	2
MUSC 200 (0~~,0~~)	0
[2]Music Ensemble	1
MUSC 301	0
MUED 350	1
MUED 420	3
MUED 430*	3
MUED 441	2
ETEC 486	3
EDPY 401	3
SPED 402	3
	Total 122**

Requirements for Music Major – Music Education Concentration – String Emphasis

Term 3		
EDPY 210 ~~CFS 210*~~	3	MUSC 200 (3rd time)
Cultures and Civilizations Elective*	3	MUTH 110
MUCO 210*	3	MUTH 130
MUED 210 or MUED 211	1	A third MUEN course – MUEN 370 or one of MUEN 330, MUEN 350, MUEN 352, MUEN 353, MUEN 380, MUEN 383, or MUEN 389 (no more than 2 credits)
MUEN 370	1	
MUSC 200	0	
MUTH 210	3	
MUTH 230	1	
Music Performance (200-level)	2	
Term 8		
EDPY 401	3	Completion of at least 42 upper-division (300-400 level) hours
MUED 430*	3	
~~MUSC 200~~	~~0~~	
MUSC 301	0	
SPED 402	3	
Music Performance (300-400 level)	1	
Natural Sciences Elective*	3	
Social Sciences Elective*	3	

REVISE REQUIREMENTS

Requirements for Music Major – Music Education Concentration – Vocal-General/Keyboard Emphasis
Second Year

MUVC 240, MUVC 250 (2,2) ~~[1]Cultures and Civilizations Electives*~~	4 ~~6~~
EDPY 210 ~~CFS 210*~~	3
Music Performance (200-level Keyboard) (2,2)	4
MUPF 155, MUPF 156 or MUPF 255, MUPF 256 (Voice)	2
MUSC 200 (0,0)	0
MUEN 330 or MUEN 380 or MUEN 383 or MUEN 389	2
MUTH 210, MUTH 220	6
MUTH 230, MUTH 240	2
MUCO 210*, MUCO 220*	6

MUED 200	1

Fourth Year

[1]Social Sciences Elective*	3
[1]Natural Sciences Elective*	3
[1]Quantitative Reasoning Elective*	3
Music Performance (300- or 400-level)	2
MUSC 200 (0~~,0~~)	0
MUEN 330 or MUEN 380 or MUEN 383 or MUEN 389	1
MUED 200	1
MUED 340	3
MUED 350	1
MUED 430*	3
MUSC 301	0
EDPY 401	3
SPED 402	3
[1]Cultures and Civilizations Electives*	6
Total 125 ~~121~~**	

Requirements for Music Major – Music Education Concentration – Vocal-General/Keyboard Emphasis

Term 3		
MUVC 240 ~~Cultures and Civilizations Elective*~~	2 ~~3~~	MUSC 200 (3rd time)
MUCO 210*	3	MUTH 110
MUED 200	1	MUTH 130
MUEN 330 or MUEN 380 or MUEN 383 or MUEN 389	1	A third MUEN course – MUEN 330, MUEN 380, MUEN 383 or MUEN 389
MUPF 155, MUPF 156 or MUPF 255, MUPF 256 (Voice)	1	
MUSC 200	0	
MUTH 210	3	
MUTH 230	1	
Music Performance (200-level Keyboard)	2	
Term 4		
EDPY 210 ~~CFS 210*~~	3	ENGL 102*
MUVC 250 ~~Cultures and Civilizations Elective*~~	2 ~~3~~	MUSC 200 (4th time)
MUCO 220*	3	A fourth MUEN course – MUEN 330, MUEN 380, MUEN 383 or MUEN 389
MUEN 330 or MUEN 380 or MUEN 383 or MUEN 389	1	Second MUPF course
MUPF 155, MUPF 156 or MUPF 255, MUPF 256 (Voice)	1	One course from MUCO 210* or MUCO 220*
MUSC 200	0	
MUTH 220	3	
MUTH 240	1	
Music Performance (200-level Keyboard)	2	
Term 7		
MUED 200	1	Completion of at least 24 upper-division (300-400 level) hours
MUED 340	3	
MUEN 330 or MUEN 380 or MUEN 383 or MUEN 389	1	
MUSC 200	0	
Music Performance (300-400 level)	1	
Quantitative Reasoning Elective*	3	
Social Sciences Elective*	3	
Cultures and Civilizations Elective*	3	
Term 8		
EDPY 401	3	Completion of at least 42 upper-division (300-400 level) hours
MUED 350	1	
MUED 430*	3	
~~MUSC 200~~	~~0~~	
MUSC 301	0	
SPED 402	3	

Music Performance (300-400 level)	1	
Natural Sciences Elective*	3	
Cultures and Civilizations Elective*	3	
TOTAL	**125 ~~121~~**	

REVISE REQUIREMENTS

Requirements for Music Major – Music Education Concentration – Vocal-General/Vocal Emphasis
Second Year

MUVC 240, MUVC 250 (2,2) [4]~~Cultures and Civilizations Electives*~~	4 ~~6~~
EDPY 210 ~~CFS 210*~~	3
Music Performance (200-level Voice) (2,2)	4
MUKB 210, MUKB 220	2
MUSC 200 (0,0)	0
MUEN 330 or MUEN 380 or MUEN 383 or MUEN 389 (1,1)	2
MUTH 210, MUTH 220	6
MUTH 230, MUTH 240	2
MUCO 210*, MUCO 220*	6
MUED 200	1

Fourth Year

[1]Social Sciences Elective*	3
[1]Natural Sciences Elective*	3
[1]Quantitative Reasoning Elective*	3
Music Performance (300- or 400-level Voice)	2
MUSC 200 (0,~~0~~)	0
MUEN 330 or MUEN 380 or MUEN 383 or MUEN 389 (1,~~1~~)	1 ~~2~~
MUED 200	1
MUED 340	3
MUED 350	1
MUED 430*	3
MUSC 301	0
EDPY 401	3
SPED 402	3
[1]Cultures and Civilizations Electives*	6
Total	**124 ~~121~~****

Requirements for Music Major – Music Education Concentration – Vocal-General/Vocal Emphasis

Term 3		
MUVC 240 ~~Cultures and Civilizations Elective*~~	2 ~~3~~	MUSC 200 (3rd time)
MUCO 210*	3	MUTH 110
MUED 200	1	MUTH 130
MUEN 330 or MUEN 380 or MUEN 383 or MUEN 389	1	A third MUEN course – MUEN 330, MUEN 380, MUEN 383, MUEN 389
MUKB 210	1	
MUSC 200	0	
MUTH 210	3	
MUTH 230	1	
Music Performance (200-level Voice)	2	
Term 4		
EDPY 210 ~~CFS 210*~~	3	ENGL 102*
MUVC 250 ~~Cultures and Civilizations Elective*~~	2 ~~3~~	MUSC 200 (4th time)
MUCO 220*	3	A fourth MUEN course – MUEN 330, MUEN 380, MUEN 383, MUEN 389
MUEN 330 or MUEN 380 or MUEN 383 or MUEN 389	1	Second MUPF course
MUKB 220	1	One course from MUCO 210* or MUCO 220*
MUSC 200	0	
MUTH 220	3	
MUTH 240	1	
Music Performance (200-level Voice)	2	
Term 7		
MUED 200	1	Completion of at least 24 upper-division (300-400 level) hours
MUED 340	3	

MUEN 330 or MUEN 380 or MUEN 383 or MUEN 389	1	
MUSC 200	0	
Music Performance (300-400 level Voice)	1	
Quantitative Reasoning Elective*	3	
Social Sciences Elective*	3	
Cultures and Civilizations Elective*	3	
Term 8		
EDPY 401	3	Completion of at least 42 upper-division (300-400 level) hours
MUED 350	1	
MUED 430*	3	
~~MUEN 330 or MUEN 380 or MUEN 383 or MUEN 389~~	~~1~~	
~~MUSC 200~~	~~0~~	
MUSC 301	0	
SPED 402	3	
Music Performance (300-400 level Voice)	1	
Natural Sciences Elective*	3	
Cultures and Civilizations Elective*	3	
TOTAL	**124 ~~121~~**	

REVISE REQUIREMENTS

Requirements for Music Major – Music Education Concentration – Woodwind/Brass/Percussion Emphasis

Second Year	
[2]Cultures and Civilizations Electives*	6
EDPY 210 ~~CFS 210*~~	3
Music Performance (200-level) (2,2)	4
MUSC 200 (0,0)	0
[1]Music Ensemble (1,1)	2
MUEN 359	1
MUTH 210, MUTH 220	6
MUTH 230, MUTH 240	2
MUCO 210*, MUCO 220*	6
MUED 210, MUED 211	2
MUED 220, MUED 221	2

Fourth Year	
[2]Social Sciences Elective*	3
[2]Natural Sciences Elective*	3
[2]Quantitative Reasoning Elective*	3
Music Performance (300- or 400-level)	2
MUSC 200 (0~~,0~~)	0
[1]Music Ensemble	1
MUSC 301	0
MUED 350	1
MUED 420	3
MUED 430*	3
MUED 440	2
ETEC 486	3
EDPY 401	3
SPED 402	3

Requirements for Music Major – Music Education Concentration – Woodwind/Brass/Percussion Emphasis

Term 4		
EDPY 210 ~~CFS 210*~~	3	ENGL 102*
Cultures and Civilizations Elective*	3	MUSC 200 (4th time)
MUCO 220*	3	A fourth MUEN course – one of MUEN 350, MUEN 352, MUEN 353 or one of MUEN 330, MUEN 370, MUEN 380, MUEN 383, or MUEN 389 (no more than 2 credits)
MUED 211	1	Second MUPF course
MUED 221	1	One course from MUCO 210* or MUCO 220*
MUSC 200	0	
MUTH 220	3	

MUTH 240	1	
Music Ensemble	1	
Music Performance (200-level)	2	
Term 8		
EDPY 401	3	Completion of at least 42 upper-division (300-400 level) hours
MUED 430*	3	
~~MUSC 200~~	~~0~~	
MUSC 301	0	
SPED 402	3	
Music Performance (300-400 level)	1	
Natural Sciences Elective*	3	
Social Sciences Elective*	3	

Rationale: All these Music Education revisions are to correct catalog errors, add courses that should be there and delete courses that should not be there. Impact on other units: None. Financial impact: None.

REVISE REQUIREMENTS

Requirements for the Bachelor of Music • Music Major • Theory / Composition Concentration • Composition Track

First Year	**Hours Credit**
ENGL 101*, ENGL 102*	6
MUTH 110, MUTH 120	6
MUTH 130, MUTH 140	2
MUCO 110*	3
MUTC 340	3
[1]Music Ensemble (1,1)	2
MUSC 200 (0,0)	0
MUKB 110, MUKB 120	2
MUTH 250, MUTH 255 (2,2) ~~MUTC 290*~~	4 ~~3~~
[2]Quantitative Reasoning Elective*	3
Second Year	
MUTH 210, MUTH 220	6
MUTH 230, MUTH 240	2
MUPF 294, MUPF 295 (2,2)	4
MUTC 290 ~~MUTC 390~~	3
MUCO 210*, MUCO 220*	6
[1]Music Ensemble (1,1)	2
MUSC 200 (0,0)	0
MUKB 210, MUKB 220	2
[2]Cultures and Civilizations Electives*	6
Third Year	
MUTH 310, MUTH 420	6
MUCO 380*	3
Music Performance (1,1)	2
MUPF 394, MUPF 395, or MUPF 396 (2,2)	4
[1]Music Ensemble (1,1)	2
MUSC 200 (0,0)	0
MUTC 390 ~~Electives~~	3 ~~5~~
[2]Natural Sciences Electives*	7
CMST 210*	3
Fourth Year	
MUTH 430	3
Music Performance (1,1)	2
MUPF 494, MUPF 495, or MUPF 496 (2,2)	4
MUSC 411	0
[1]Music Ensemble (1,1)	2
MUED 310	3
MUSC 200 (0,0)	0
[2]Social Sciences Electives*	6
MUTH 490 (1,1)	2
Electives	6 ~~5~~
	Total 120

Music Major, BM – Theory/Composition Concentration – Composition Track

Term 1	Hours	Milestone Notes
ENGL 101 (or equivalent)*	3	MUSC 200 (1st time)
MUKB 110	1	One course from MUEN 303, MUEN 304, MUEN 305, MUEN 306, MUEN 330, MUEN 350, MUEN 352, MUEN 353, MUEN 370, MUEN 380, MUEN 383, or MUEN 389
MUSC 200	0	
MUTC 340	3	
MUTH 110, MUTH 130	4	
Music Ensemble	1	
MUTH 250 ~~Quantitative Reasoning Elective*~~	2 ~~3~~	
Term 2		
ENGL 102*	3	ENGL 101*
MUCO 110*	3	MUCO 110*
MUKB 120	1	MUSC 200 (2nd time)
MUSC 200	0	A second MUEN course – MUEN 303, MUEN 304, MUEN 305, MUEN 306, MUEN 330, MUEN 350, MUEN 352, MUEN 353, MUEN 370, MUEN 380, MUEN 383, or MUEN 389
MUTH 255 ~~MUTC 290*~~	2 ~~3~~	
MUTH 120, MUTH 140	4	
Music Ensemble	1	
Quantitative Reasoning Elective*	3	
Term 4		
Cultures and Civilizations Elective*	3	ENGL 102*
MUCO 220*	3	MUPF 294
MUKB 220	1	MUSC 200 (4th time)
MUPF 295	2	A fourth MUEN course – MUEN 303, MUEN 304, MUEN 305, MUEN 306, MUEN 330, MUEN 350, MUEN 352, MUEN 353, MUEN 370, MUEN 380, MUEN 383, or MUEN 389
MUSC 200	0	One course from MUCO 210* or MUCO 220*
MUTC 290 ~~MUTC 390~~	3	
MUTH 220, MUTH 240	4	
Music Ensemble	1	
Term 6		
MUPF 394, MUPF 395, or MUPF 396	2	Completion of at least 9 upper-division (300-400 level) hours
MUSC 200	0	
MUTH 420	3	
Music Ensemble	1	
Music Performance	1	
Natural Sciences Elective*	3	
MUTC 390 ~~Electives~~	3 ~~5~~	
Term 8		
MUPF 494, MUPF 495, or MUPF 496	2	Completion of at least 42 upper-division (300-400 level) hours
MUSC 200, MUSC 411	0	
MUTH 490	1	
Music Ensemble	1	
Music Performance	1	
Social Sciences Elective*	3	
Electives	6 ~~5~~	
TOTAL	**120**	

Rationale: These changes are being made to include the new composition classes that are being proposed. Impact on other units: None. Financial impact: None.

REVISE REQUIREMENTS

Music Major, BM – Theory/Composition Concentration – Theory Track

First Year	Hours Credit
ENGL 101*, ENGL 102*	6
MUTH 110, MUTH 120	6
MUTH 130, MUTH 140	2
MUCO 110*	3
MUTC 340	3

[1]Music Ensemble (1,1)	2
MUSC 200 (0,0)	0
MUKB 110, MUKB 120	2
Music Performance (1,1)	2
[2]Cultures and Civilizations Electives*	6

Second Year

MUTH 210, MUTH 220	6
MUTH 230, MUTH 240	2
MUTH 250, MUTH 255 (2,2) ~~MUPF 294, MUPF 295 (1,1)~~	4
MUTC 290*	3
MUCO 210*, MUCO 220*	6
[1]Music Ensemble (1,1)	2
MUSC 200 (0,0)	0
MUKB 210, MUKB 220	2
[2]Quantitative Reasoning Elective*	3
Music Performance (1,1)	2

Third Year

MUTH 310, MUTH 420	6
MUCO 380*	3
MUTH 450	2
MUTH 451: Special Topics	3
[1]Music Ensemble (1,1)	2
MUSC 200 (0,0)	0
MUTC 450	3
[2]Natural Sciences Electives*	7
CMST 210*	3

Fourth Year

MUTH 430	3
MUTH 490 (1,1)	2 ~~1~~
MUTH 451: Special Topics	3
MUTH 493	4
[1]Music Ensemble (1,1)	2
MUED 310	3
MUSC 200 (0,0)	0
[2]Social Sciences Electives*	6
~~MUTH 490~~	~~1~~
Electives	6
	Total 120

Music Major, BM – Theory/Composition Concentration – Theory Track

Term 1	Hours	Milestone Notes
ENGL 101 (or equivalent)*	3	MUSC 200 (1st time)
MUKB 110	1	One course from MUEN 303, MUEN 304, MUEN 305, MUEN 306, MUEN 330, MUEN 350, MUEN 352, MUEN 353, MUEN 370, MUEN 380, MUEN 383, or MUEN 389
MUSC 200	0	
MUCO 110*	3	
MUTH 110	3	
MUTH 130	1	
Music Ensemble	1	
Music Performance	1	
Cultures and Civilizations Elective*	3	
Term 2		
ENGL 102*	3	ENGL 101*
MUTC 340	3	MUCO 110*
MUKB 120	1	MUSC 200 (2nd time)
MUSC 200	0	Second MUEN course – MUEN 303, MUEN 304, MUEN 305, MUEN 306, MUEN 330, MUEN 350, MUEN 352, MUEN 353, MUEN 370, MUEN 380, MUEN 383, or MUEN 389
MUTH 120	3	
MUTH 140	1	
Music Ensemble	1	
Music Performance	1	
Cultures and Civilizations Elective*	3	

Term 3		
MUTC 290*	3	MUSC 200 (3rd time)
MUCO 210*	3	MUTH 110, MUTH 130
MUKB 210	1	Third MUEN course – MUEN 303, MUEN 304, MUEN 305, MUEN 306, MUEN 330, MUEN 350, MUEN 352, MUEN 353, MUEN 370, MUEN 380, MUEN 383, or MUEN 389
MUSC 200	0	
MUTH 210	3	
MUTH 230	1	
MUTH 250 ~~MUPF 294~~	2	
Music Performance	1	
Music Ensemble	1	
Term 4		
Quantitative Reasoning Elective*	3	ENGL 102*
MUCO 220*	3	MUSC 200 (4th time)
MUKB 220	1	Fourth MUEN course – MUEN 303, MUEN 304, MUEN 305, MUEN 306, MUEN 330, MUEN 350, MUEN 352, MUEN 353, MUEN 370, MUEN 380, MUEN 383, or MUEN 389
MUTH 255 ~~MUPF 295~~	2	One course from MUCO 210* or MUCO 220*
MUSC 200	0	
MUTH 220	3	
MUTH 240	1	
Music Ensemble	1	
Music Performance	1	
Term 5		
CMST 210* or CMST 217*	3	MUSC 200 (5th time)
MUCO 380*	3	MUTH 120, MUTH 140
MUSC 200	0	Fifth MUEN course – one from MUEN 303, MUEN 304, MUEN 305, MUEN 306, MUEN 330, MUEN 350, MUEN 352, MUEN 353, MUEN 370, MUEN 380, MUEN 383, or MUEN 389
MUTH 310	3	One remaining course from MUCO 210* or MUCO 220*
MUTH 450	2	
Music Ensemble	1	
Natural Sciences Electives*	3	
Term 6		
MUSC 200	0	Completion of at least 9 upper-division (300-400 level) hours
MUTH 420	3	
MUTH 451: Special Topics	3	
Music Ensemble	1	
Natural Sciences Electives*	4	
MUTC 450	3	
Term 7		
MUED 310	3	Completion of at least 24 upper-division (300-400 level) hours
MUSC 200	0	
MUTH 430	3	
MUTH 490	1	
MUTH 451: Special Topics	3	
Music Ensemble	1	
Social Sciences Elective*	3	
Term 8		
MUSC 200	0	Completion of at least 42 upper-division (300-400 level) hours
MUTH 490	1	
MUTH 493	4	
Music Ensemble	1	
Social Sciences Elective*	3	
Electives	6	
TOTAL	**120**	

Rationale: This major is being changed to add the new composition courses being proposed. Impact on other units: None. Financial impact: None.

DEPARTMENT OF PHYSICS AND ASTRONOMY
(PHYS) Physics

Physics-BS
1. All physics majors will demonstrate specific physics knowledge in classical mechanics, thermodynamics, electromagnetism, optics, electronic circuits, modern physics, and special relativity.
2. All physics majors will have a research experience.
3. All physics majors will be able to synthesize and apply appropriate concepts and methods from different areas of physics to selected problems in current research in physics.

REVISE REQUIREMENTS

Requirements for Physics Major – Academic Concentration

Term 5		
Arts and Humanities (List A or B)*	3	MATH 231
Global Challenges ~~Communicating Orally Elective*~~	3	MATH 241
MATH 435	3	PHYS 250
PHYS 311	3	
PHYS 361	3	
Term 8		
PHYS 412	3	Completion of at least 42 total upper-division (300-400 level) hours
PHYS 432	3	
PHYS 451 ~~Global Challenges~~	3	
[1]Electives	3-6	
TOTAL (minimum)	**120**	

Rationale: These changes to the uTrack showcase curricula reflects the above changes to the Astronomy concentration and to reflect the ability of physics majors to satisfy the Oral Communications requirement by taking PHYS 451. Impact on other units: None. Financial impact: None.

REVISE REQUIREMENTS

Physics Major, BS – Astronomy Concentration

Astronomy Concentration (14 ~~12~~ hours)
Students planning graduate work in astronomy should take the following courses.
Complete:
- ASTR 421 - General Relativity, Black Holes, and Cosmology
- ~~ASTR 490 - Special Topics in Astronomy~~

Rationale: The concentration requirement for ASTR 490 is being replaced by a requirement for ASTR 421. When 421 was added as a course the intent was that it would complement ASTR 411 as a required course for the concentration, replacing the previously required ASTR 490, but that change was never made. This corrects that error. Impact on other units: None. Financial impact: None.

Requirements for Physics Major – Astronomy Concentration

Term 5		
Arts and Humanities (List A or B)*	3	MATH 231
MATH 435	3	MATH 241
Non-U.S. History (continuation of sequence)*	3	PHYS 250
PHYS 311	3	
ASTR 411 ~~PHYS 361~~	3	
Term 6		
Arts and Humanities (List A)*	3	Completion of at least 9 upper-division (300-400 level) hours
ASTR 421 ~~PHYS 421~~	3 4	
Social Sciences*	3	
[2]Connections	3	
[1]Elective	2	
Term 7		
PHYS 361 ~~ASTR 490~~	3	Completion of at least 24 total upper-division (300-400 level) hours
Communicating through Writing Elective*	3	

PHYS 411	3	
PHYS 431	3	
[2]Connections	3	
Term 8		
PHYS 421 ~~ASTR 411~~	4 ~~3~~	Completion of at least 42 total upper-division (300-400 level) hours
PHYS 451	3	
Communicating Orally Elective*	3	
PHYS 461	3	
[2]Connections	3	
Global Challenges	3	

Rationale: These changes to the uTrack showcase curricula reflects the above changes to the Astronomy concentration and to reflect the ability of physics majors to satisfy the Oral Communications requirement by taking PHYS 451. Impact on other units: None. Financial impact: None.

REVISE REQUIREMENTS

Physics Major, BS – General Concentration
(Paragraph 2)

Students interested in one of the many health professions should be aware that pre-health curricula vary widely, and should consult specific pre-health programs for details. Most medical schools expect students to complete BCMB 401, BIOL 240 and CHEM 260 ~~CHEM 350~~-CHEM 360; any twelve hours drawn from these four courses may be used to satisfy the 12-hour elective requirement for the general concentration in physics.

Rationale: Chemistry is dropping CHEM 350 and replacing it with CHEM 260.

General Concentration (12 hours)
Select 12 hours:

~~Or~~

- ~~Any minor or second major.~~

Rationale: The original language (first introduced in the fall 2016 catalog) regarding any minor or second major satisfying the general concentration requirement could violate rules about overlapping majors and minors so that language is being eliminated. Impact on other units: None. Financial impact: None.

Requirements for Physics Major – General Concentration

Term 5		
Arts and Humanities (List A or B)*	3	MATH 231
Physics (major) ~~Communicating Orally Elective*~~	3	MATH 241
Communicating through Writing Elective*	3	PHYS 250
MATH 435	3	
PHYS 361	3	
Term 8		
PHYS 461	3	Completion of at least 42 total upper-division (300-400 level) hours
PHYS 451 ~~Physics (major)~~	3	
Global Challenges	3	
[1]Electives	3-6	
TOTAL (minimum)	**120**	

Rationale: These changes to the uTrack showcase curricula reflects the above changes to the Astronomy concentration and to reflect the ability of physics majors to satisfy the Oral Communications requirement by taking PHYS 451. Impact on other units: None. Financial impact: None.

DEPARTMENT OF POLITICAL SCIENCE
(POLS) Political Science

REVISE REQUIREMENTS

Political Science Major, BA – International Affairs Concentration

A. Select four courses from the two lists below, including at least one course from each list:
List 2. Comparative Government and Politics

- POLS 455 – South Asian Government and Politics

Rationale: This course was recently added to the curriculum and it clearly fits well within the Comparative Government and Politics subfield of the major, and thus fits within this concentration. Impact on other units: None. Financial impact: None.

PRE-PROFESSIONAL PROGRAMS

REVISE REQUIREMENTS

Pre-Professional Program Majors – Pre-Dentistry

Term 1	Hours	Milestone Notes
BIOL 150*, BIOL 158*, or BIOL 101*-BIOL 102*	3-8	MATH 119 or Math ACT score of 25 or higher
BIOL 159* or BIOL 167*	2	One science course from any listed in the plan ~~One course from BIOL 150* or CHEM 120*,~~ with a grade of C or better
CHEM 120* or CHEM 128*	4	
ENGL 101 (or equivalent)*	3	
[1]Quantitative Reasoning Electives*	3-4	
Term 2		
BIOL 160* or BIOL 168*	3	One additional science course from any listed in the plan ~~course from BIOL 150*, CHEM 120*, or CHEM 130*,~~ with a grade of C or better
CHEM 130* or CHEM 138*	4	ENGL 101*
Communicating Orally Elective*	3	
ENGL 102 (or equivalent)*	3	
[1]Quantitative Reasoning Electives*	3-4	
Term 3		
[2]BIOL 240	4	One additional science course from any listed in the plan ~~course from BIOL 150* or BIOL 160*,~~ with a grade of C or better
CHEM 350 or CHEM 358	3	
Foreign Language (intermediate level)*	3	
Non-U.S. History*	3	
PHYS 221*	4	
Term 4		
CHEM 360-CHEM 369 or CHEM 368-CHEM 369	5	Two additional science courses from any listed in the plan ~~One additional course from BIOL 160* or BIOL 240,~~ with a grade of C or better
Foreign Language (intermediate level)*	3	~~One additional course from CHEM 130* or CHEM 350, with a grade of C or better~~
Non-U.S. History (continuation of sequence)*	3	ENGL 102*
PHYS 222*	4	
Global Challenges (if BIOL 150* not taken)	0-3	

REVISE REQUIREMENTS

Pre-Professional Program Majors – Pre-Medicine

Term 1	Hours	Milestone Notes
BIOL 150*, BIOL 158*, or BIOL 101*-BIOL 102*	3-8	MATH 119 or Math ACT score of 25 or higher
BIOL 159* or BIOL 167*	2	One science course from any listed in the plan ~~One course from BIOL 150* or CHEM 120*,~~ with a grade of C or better
CHEM 120* or CHEM 128*	4	
ENGL 101 (or equivalent)*	3	
[1]Quantitative Reasoning Electives*	3-4	
Term 2		
BIOL 160* or BIOL 168*	3	One additional science course from any listed in the plan ~~course from BIOL 150*, CHEM 120*, or CHEM 130*,~~ with a grade of C or better
CHEM 130* or CHEM 138*	4	ENGL 101*
Communicating Orally Elective*	3	
ENGL 102 (or equivalent)*	3	
[1]Quantitative Reasoning Electives*	3-4	
Term 3		
[2]BIOL 240	4	One additional science course from any listed in the plan ~~course from BIOL 150* or BIOL 160*,~~ with a grade of C or

		better
CHEM 350 or CHEM 358	3	
Foreign Language (intermediate level)*	3	
PHYS 221*	4	
Term 4		
CHEM 360-CHEM 369 or CHEM 368-CHEM 369	5	Two additional science courses from any listed in the plan ~~One additional course from BIOL 160* or BIOL 240,~~ with a grade of C or better
Foreign Language (intermediate level)*	3	~~One additional course from CHEM 130* or CHEM 350, with a grade of C or better~~
Non-U.S. History*	3	ENGL 102*
PHYS 222*	4	
Global Challenges (if BIOL 150* not taken)	0-3	

REVISE REQUIREMENTS

Pre-Professional Programs Major, BS – Pre-Pharmacy Concentration

Term 1	Hours	Milestone Notes
BIOL 150*, BIOL 158*, or BIOL 101*-BIOL 102*	3-8	MATH 119 or Math ACT score of 25 or higher
BIOL 159* or BIOL 167*	2	One science course from any listed in the plan ~~One course from BIOL 150* or CHEM 120*,~~ with a grade of C or better
CHEM 120* or CHEM 128*	4	
ENGL 101 (or equivalent)*	3	
MATH 125*, MATH 141*, MATH 147*, or MATH 152*	3-4	
Term 2		
BIOL 160* or BIOL 168*	3	One additional science course from any listed in the plan ~~course from BIOL 150*, CHEM 120*, or CHEM 130*,~~ with a grade of C or better
CHEM 130* or CHEM 138*	4	ENGL 101*
Communicating Orally Elective*	3	
ENGL 102 (or equivalent)*	3	
STAT 201* or STAT 207* or MATH 115*	3	
Term 3		
BIOL 220-BIOL 229 or MICR 210*	3-4	One additional science course from any listed in the plan ~~course from BIOL 150* or BIOL 160*,~~ with a grade of C or better
CHEM 350 or CHEM 358	3	
Foreign Language (intermediate level)*	3	
Non-U.S. History*	3	
Social Sciences*	3	
Term 4		
CHEM 360-CHEM 369 or CHEM 368-CHEM 369	5	Two additional science courses from any listed in the plan ~~One additional course from BIOL 160* or BIOL 240,~~ with a grade of C or better
Foreign Language (intermediate level)*	3	ENGL 102*
Arts and Humanities (List A or B)*	3	
Global Challenges (if BIOL 150* not taken)	0-3	
Non-U.S. History (continuation of sequence)*	3	
Term 5		
Arts and Humanities (List A)*	3	CHEM 350 with a grade of C or better
Electives ~~BCMB 401~~	3 ~~4~~	
Communicating through Writing Elective*	3	
EEB 240	4	
[1]Connections	3	

Rationale: UT College of Pharmacy accepts statistics courses other than Statistics 201 to meet their requirement. The UT College of Pharmacy has dropped BCMB 401 as a prerequisite to their program so we are requesting removal from the degree plan. In order to complete the 3+1 program agreement between UT Knoxville and the UT College of Pharmacy, at least 90 hours must be completed prior to matriculation at the UT College of Pharmacy. Changing the elective hour total in term five to three credit hours maintains the required 90 hour total. Impact on other units: None. Financial impact: None.

REVISE REQUIREMENTS

Pre-Professional Program Majors – Pre-Veterinary Medicine

Term 1	Hours	Milestone Notes
BIOL 150*, BIOL 158*, or BIOL 101*-BIOL 102*	3-8	MATH 119 or Math ACT score of 25 or higher
BIOL 159* or BIOL 167*	2	One science course from any listed in the plan ~~One course from BIOL 150* or CHEM 120*,~~ with a grade of C or better
CHEM 120* or CHEM 128*	4	
ENGL 101 (or equivalent)*	3	
[1]Quantitative Reasoning Electives*	3-4	
Term 2		
BIOL 160* or BIOL 168*	3	One additional science course from any listed in the plan ~~course from BIOL 150*, CHEM 120*, or CHEM 130*,~~ with a grade of C or better
CHEM 130* or CHEM 138*	4	ENGL 101*
Communicating Orally Elective*	3	
ENGL 102 (or equivalent)*	3	
[1]Quantitative Reasoning Electives*	3-4	
Term 3		
BIOL 240	4	One additional science course from any listed in the plan ~~course from BIOL 150* or BIOL 160*,~~ with a grade of C or better
CHEM 350 or CHEM 358	3	
Foreign Language (intermediate level)*	3	
Non-U.S. History*	3	
PHYS 221*	4	
Term 4		
Arts and Humanities (List A)*	3	Two additional science courses from any listed in the plan ~~One additional course from BIOL 160* or BIOL 240,~~ with a grade of C or better
CHEM 360-CHEM 369 or CHEM 368-CHEM 369	5	~~One additional course from CHEM 130* or CHEM 350, with a grade of C or better~~
Foreign Language (intermediate level)*	3	ENGL 102*
Non-U.S. History (continuation of sequence)*	3	
PHYS 222*	4	

Rationale: Due to course availability, many pre-professional majors are unable to register for the milestone courses in the term for which they are required in the 8-semester uTrack plans. With the flexibility of the proposed milestones, a student will be on track if any of the following courses are completed with a grade of C or better: Biology 150, 159, 160, Chemistry 120, or Physics 221. Impact on other units: None. Financial impact: None.

DEPARTMENT OF PSYCHOLOGY
(PSYC) Psychology

REVISE REQUIREMENTS

Psychology Minor

The minor consists of PSYC 110 or equivalent and PSYC 295 plus **15 additional hours** at the 300 level and above. (Up to 3 credits from PSYC 399, PSYC 489, PSYC 491, PSYC 492, PSYC 493 may ~~cannot~~ be used in this minor.)

Rationale: We recently increased the size and strength of the major from 24 to 30 hours. This will do something similar for the minor. Most other social and biological sciences on campus require at least 15 hours of 300+ work for their minor in addition to 2-3 lower division requirements. We are increasing flexibility within the minor by allowing labs and internships to be applied. Impact on other units: None. Financial impact: None.

DEPARTMENT OF RELIGIOUS STUDIES
(REST) Religious Studies

REVISE REQUIREMENTS

Religious Studies Major, BA

Major Requirements

II. Select one course from each of the following areas (12 hours),

B. North America and Africa

- REST 361 – The American Jewish Experience

C. South, Southeast, and East Asia
- REST 319 – Gender, Sexuality, and Religion in Asia
- REST 372 – Contemporary Buddhism

Rationale: These three courses are new and they need to be included in the Major. Impact on other units: None. Financial impact: None.

Honors Concentration – Religious Studies

III. Select 6 additional hours of honors-by-contract courses in Religious Studies numbered 300 or above.

Rationale: Should say honors-by-contract. Impact on other units: None. Financial impact: None.

STATISTICS (ARTS AND SCIENCES)

REVISE REQUIREMENTS

Statistics (Arts and Sciences) Minor

Minor Requirements
Complete:
- BAS 471 – Statistical Methods

Select 6 ~~9~~ hours:
- ~~BAS 471 - Statistical Methods~~

Rationale: BAS 471 has been the capstone for BAS and statistics majors for several but the department feels that the content is valuable to minors as well. Impact on other units: None Financial impact: None.

HASLAM COLLEGE OF BUSINESS
All changes effective fall 2017

COURSE CHANGES

(BUAD) Business Administration

REVISE GRADING RESTRICTION

BUAD 100 Inclusion: Becoming an Engaged Leader in a Diverse Community (1)
Grading Restriction: A-F grading only.
Formerly: Grading Restriction: A, B, C, No credit grading only.

Rationale: Aligns course with grading standard of similar classes (200, 300, 405) that all HCB students will take as part of Haslam Leaders series. Impact on other units: None. Financial Impact: No negative impact; giving instructors more flexibility in grading will likely reduce number of students that will need to retake the course.

REVISE DESCRIPTION

BUAD 242 Business Software Applications (2) Instruction on the use of widely used spreadsheet and database software including how and when to apply the features of these two applications to address a variety of business problems. Content emphasizes the use of spreadsheets in conjunction with database data via hands-on activities.
Formerly: Instruction on the use of widely used spreadsheet and database software. Includes, via hands-on activities, the use of the many features contained in these two software applications with emphasis on how and when to apply these features to address a variety of business problems.

Rationale: More accurately reflects course content. Impact on other units: None. Financial impact: None.

REVISE (RE) PREREQUISITE(S)

BUAD 331 CBM I: Supply Chain Management (2)
(RE) Prerequisite(s): C or better in all the tracking courses – Accounting 200; Economics 211; Economics 213; Communication Studies 210 or 240; English 255 or 295; Management 201; Mathematics 123-125 or Mathematics 141-142; and Statistics 201(or honors equivalents).
Formerly: (RE) Prerequisite(s): C or better in all the progression courses – Accounting 200; Economics 201; Communication Studies 210 or 240; English 255 or 295; Management 201; Mathematics 123-125 or Mathematics 141-142; and Statistics 201(or honors equivalents).

BUAD 332 CBM I: Demand Management (2)

(RE) Prerequisite(s): C or better in all the tracking courses – Accounting 200; Economics 211; Economics 213; Communication Studies 210 or 240; English 255 or 295; Management 201; Mathematics 123-125 or Mathematics 141-142; and Statistics 201(or honors equivalents).

Formerly: (RE) Prerequisite(s): C or better in all the progression courses – Accounting 200; Economics 201; Communication Studies 210 or 240; English 255 or 295; Management 201; Mathematics 123-125 or Mathematics 141-142; and Statistics 201(or honors equivalents).

BUAD 341 CBM II: Lean Operations (2)
(RE) Prerequisite(s): C or better in all the tracking courses – Accounting 200; Economics 211; Economics 213; Communication Studies 210 or 240; English 255 or 295; Management 201; Mathematics 123-125 or Mathematics 141-142; and Statistics 201(or honors equivalents).

Formerly: (RE) Prerequisite(s): C or better in all the progression courses – Accounting 200; Economics 201; Communication Studies 210 or 240; English 255 or 295; Management 201; Mathematics 123-125 or Mathematics 141-142; and Statistics 201(or honors equivalents).

Rationale: Reflects addition of new micro and macroeconomics courses to curriculum. Impact on other units: None on courses outside HCB. However, to minimize impact on students who previously took Economics 201, that course should still be recognized by Banner, at least in the transition period, in place of ECON 211-213. Financial impact: None.

REVISE (RE) PREREQUISITE(S) AND (RE) COREQUISITE(S)

BUAD 342 CBM II: Information Management (2)
(RE) Prerequisite(s): C or better in all the tracking courses – Accounting 200; Economics 211; Economics 213; Communication Studies 210 or 240; English 255 or 295; Management 201; Mathematics 123-125 or Mathematics 141-142; and Statistics 201(or honors equivalents).
(RE) Corequisite(s): 242 and 341.

Formerly: (RE) Prerequisite(s): C or better in all the progression courses – Accounting 200; Economics 201; Communication Studies 210 or 240; English 255 or 295; Management 201; Mathematics 123-125 or Mathematics 141-142; and Statistics 201(or honors equivalents).
(RE) Corequisite(s): 242.

Rationale: Corrects oversight from last curriculum revision. Students have always been instructed to take 341 and 342 together. Reflects addition of new micro and macroeconomics courses to curriculum. Impact on other units: None on courses outside HCB. However, to minimize impact on students who previously took Economics 201, that course should still be recognized by Banner, at least in the transition period, in place of ECON 211-213. Financial impact: None.

(IB) International Business (583)

REVISE REGISTRATION RESTRICTION(S)

IB 409 International Business (3)
Registration Restriction(s): Students must be admitted to an international business collateral or concentration in the Haslam College of Business or a language and world business concentration in the College of Arts and Sciences.

Formerly: Registration Restriction(s): Students must be admitted to an international business collateral or dual concentration in the Haslam College of Business or a language and world business concentration in the College of Arts and Sciences.

IB 429 International Economics for Business (3)
Registration Restriction(s): Students must be admitted to an international business collateral or concentration.

Formerly: Registration Restriction(s): Students must be admitted to an international business collateral or dual concentration.

IB 439 Global Supply Chain Management (3)
Registration Restriction(s): Students must be admitted to an international business collateral or concentration.

Formerly: Registration Restriction(s): Students must be admitted to an international business collateral or dual concentration.

IB 459 International Competition and Performance (3)
Registration Restriction(s): Students must be admitted to an international business collateral or concentration.

Formerly: Registration Restriction(s): Students must be admitted to an international business collateral or dual concentration.

IB 469 International Accounting (3)
Registration Restriction(s): Students must be admitted to an international business collateral or concentration.

Formerly: Registration Restriction(s): Students must be admitted to an international business collateral or dual concentration.

DEPARTMENT OF ACCOUNTING AND INFORMATION MANAGEMENT
(ACCT) Accounting

ADD GRADING RESTRICTION

ACCT 200 Foundations of Accounting (3)
Grading Restriction: A, B, C, No Credit grading only.

Rationale: Accounting 200 is the first course students take in the discipline, and it is a demanding course. The course is also frequently taken by native students in their second or third term at the university, and by transfer students during their first term, both stages where students may not have yet solidly established a UT GPA. This change is in line with grading restrictions on other introductory courses that are similarly rigorous and have high non-passing rates. Staffing Impact: None. Financial Impact: None. Impact on Other Academic Units: None.

REVISE (RE) COREQUISITE(S)

ACCT 301 Financial Reporting (3)
(RE) Corequisite(s): Business Administration 342.
Formerly: (RE) Corequisite(s): Finance 301 and Business Administration 342.

Rationale: Increases flexibility for Accounting majors; content in FINC 301 not critical for success in ACCT 301. Impact on other units: none. Financial impact: none.

ADD (RE) COREQUISITE(S)

ACCT 311 Financial Reporting and Analysis (3)
(RE) Corequisite(s): FINC 301.

Rationale: Reflects movement of FINC 301 as co-requisite to this course as opposed to ACCT 301. Impact on other units: none. Financial impact: none.

(INMT) Information Management

REVISE REGISTRATION RESTRICTION(S)

INMT 342 Introduction to Database Systems (3)
Registration Restriction(s): *Majors in the Haslam College of Business or Statistics majors in the College of Arts and Sciences. Minimum student level – junior.*
Formerly: Registration Restriction(s): Majors in the Haslam College of Business. Minimum student level – junior.

Rationale: Students in the Statistics program in Arts and Sciences may want/need to take this course. Changing the registration restriction will negate the necessity of registration overrides for these students. Impact on other units: Will benefit statistics students in A&S. Financial impact: Negligible.

DEPARTMENT OF BUSINESS ANALYTICS AND STATISTICS
(BAS) Business Analytics and Statistics

REVISE (RE) PREREQUISITE(S)

BAS 471 Statistical Methods (3)
(RE) Prerequisite(s): 320 with grade of C or better or Economics 381 with grade of C or better.
Formerly: (RE) Prerequisite(s): 320 with grade of C or better.

BAS 474 Data Mining and Business Analytics (3)
(RE) Prerequisite(s): 320 with grade of C or better or consent of instructor.
Formerly: (RE) Prerequisite(s): 320 with grade of C or better or Economics 381 with grade of C or better or consent of instructor.

BAS 475 Applied Time Series and Forecasting (3)
(RE) Prerequisite(s): 320 with grade of B– or better or Economics 381 with grade of C or better or consent of instructor.
Formerly: (RE) Prerequisite(s): 320 with grade of B- or better or consent of instructor.

Rationale: The Economics department approved changing some of the courses that Economics majors with a collateral in Business Analytics could take to satisfy that collateral. Specifically, they removed BAS 474, and added BAS 475 and BAS 471. In order for these Economics students to be able to register for BAS 475 and/or BAS 471, we need to add the ECON 381 prerequisite. Also, since these students will no longer be taking BAS 474, there is no need to have a ECON 381 prerequisite to this course. Additionally, because of changes that have taken place in BAS 474, ECON 381 is no longer an appropriate prerequisite to BAS 474. Impact on other units: See rationale statement; related to curricular changes proposed by Economics department. Financial impact: None.

DEPARTMENT OF ECONOMICS
(ECON) Economics

ADD (RE) PREREQUISITE(S)

✳ ECON 213 Principles of Macroeconomics (3)
(RE) Prerequisite(s): 201 or 211.

Rationale: Economics 213 will be taught for the first time in Fall 2017. It was determined that this was necessary content for success. Impact on other units: No negative impact; inclusion of 201 allows students who took that course as non-business majors to move on to 213 if they change to business. Financial impact: None.

REVISE (RE) PREREQUISITE(S)

ECON 300 Special Topics I (3)
(RE) Prerequisite(s): 201 or 207, or 211 (or honors equivalent) and 213 (or honors equivalent)
Formerly: (RE) Prerequisite(s): 201 or 207.

ECON 305 Markets, Ethics, and Capitalism (3)
(RE) Prerequisite(s): 201 or 207, or 211 (or honors equivalent) and 213 (or honors equivalent)
Formerly: (RE) Prerequisite(s): 201 or 207.

ECON 311 Intermediate Microeconomics (3)
(RE) Prerequisite(s): 201 or 207, or 211 or 217.
Formerly: (RE) Prerequisite(s): 201 or 207.

ECON 313 Intermediate Macroeconomics (3)
(RE) Prerequisite(s): 201 or 207, or 213 or 218.
Formerly: (RE) Prerequisite(s): 201 or 207.

ECON 322 The Global Economy: Trade and Development (3)
(RE) Prerequisite(s): 201 or 207, or 213 or 218.
Formerly: (RE) Prerequisite(s): 201 or 207.

ECON 331 Government and Business (3)
(RE) Prerequisite(s): 201 or 207, or 211 or 217.
Formerly: (RE) Prerequisite(s): 201 or 207.

Rationale: Reflects addition of new introductory micro and macroeconomics courses in previous year. Impact on other units: No negative impact; will reduce need for prerequisite overrides. Financial impact: none.

ECON 333 Law and Economics (3)
(RE) Prerequisite(s): 201 or 207, or 211 or 217.
Formerly: (RE) Prerequisite(s): 201 or 207.

ECON 335 Economics of Strategy (3)
(RE) Prerequisite(s): 201 or 207, or 211 or 217.
Formerly: (RE) Prerequisite(s): 201 or 207; Statistics 201 or 207.

ECON 362 Environmental and Natural Resource Policy (3)
(RE) Prerequisite(s): 201 or 207, or 211 or 217.
Formerly: (RE) Prerequisite(s): 201 or 207.

Rationale: Reflects addition of new introductory micro and macroeconomics courses in previous year. Impact on other units: No negative impact; will reduce need for prerequisite overrides. Financial impact: none.

REVISE (RE) COREQUISITE(S)

ECON 381 Introduction to Econometrics (3)
(RE) Corequisite(s): 311 or 313.
Formerly: (RE) Corequisite(s): 311 or 312 or 313.

Rationale: 312 has not been offered in years, and there are no plans to offer it in future. Course will be dropped in near future. Impact on other units: None. Financial impact: None.

DEPARTMENT OF FINANCE
(FINC) Finance

REVISE (RE) PREREQUISITE(S)

FINC 301 Financial Management (3)

(RE) Prerequisite(s): C or better in all the tracking courses – Accounting 200; Economics 211; Economics 213; Communication Studies 210 or 240; English 255 or 295; Management 201; Mathematics 123-125 or Mathematics 141-142; and Statistics 201(or honors equivalents).

Formerly: (RE) Prerequisite(s): C or better in all the progression courses – Accounting 200; Economics 201; Communication Studies 210 or 240; English 255 or 295; Management 201; Mathematics 123-125 or Mathematics 141-142; and Statistics 201(or honors equivalents).

Rationale: Reflects addition of new micro and macroeconomics courses to curriculum. Impact on other units: None on courses outside HCB. However, to minimize impact on students who previously took Economics 201, that course should still be recognized by Banner, at least in the transition period, in place of ECON 211-213. Financial impact: None.

FINC 402 Special Topics in Finance (3)
(RE) Prerequisite(s): 301 or 307 and 420 with grades of C or better.

Formerly: (RE) Prerequisite(s): 301 or 307 and Accounting 301 with grades of C or better.

Rationale: FINC 420 viewed as more appropriate for our majors, collaterals, and concentrations given course focus on the use of financial statements by key users (versus preparation of same). Impact on other units: None. However, to minimize impact on students who previously took Accounting 301, that course should still be recognized by Banner, at least in the transition period, in place of FINC 420. Financial impact: None.

REVISE (RE) COREQUISITE(S)

FINC 425 Investment and Portfolio Management (3)
(RE) Corequisite(s): 420.

Formerly: (RE) Corequisite(s): Accounting 301.

Rationale: FINC 420 viewed as more appropriate for our majors, collaterals, and concentrations given course focus on the use of financial statements by key users (versus preparation of same). Impact on other units: Negligible. Other majors that offer a finance collateral that includes 425 will also include 420. However, to minimize impact on students who previously took Accounting 301, that course should still be recognized by Banner, at least in the transition period, in place of FINC 420. Financial impact: None.

REVISE (RE) PREREQUISITE(S)

FINC 435 Financial Markets and Institutions (3)
(RE) Prerequisite(s): 301 or 307 and 420 with grades of C or better.

Formerly: (RE) Prerequisite(s): 301 or 307 and Accounting 301 with grades of C or better.

Rationale: FINC 420 viewed as more appropriate for our majors, collaterals, and concentrations given course focus on the use of financial statements by key users (versus preparation of same). Impact on other units: None. However, to minimize impact on students who previously took Accounting 301, that course should still be recognized by Banner, at least in the transition period, in place of FINC 420. Financial impact: None.

FINC 440 Fixed Income Analysis and Markets (3)
(RE) Prerequisite(s): 301 or 307, 420, and 425 with grades of C or better.

Formerly: (RE) Prerequisite(s): 301 or 307 and Accounting 301 with grades of C or better.

FINC 445 Financial Derivatives (3)
(RE) Prerequisite(s): 301 or 307, 420, and 425 with grades of C or better.

Formerly: (RE) Prerequisite(s): 301 or 307 and Accounting 301 with grades of C or better.

Rationale: Prerequisites have been deemed necessary given the complexity of topics covered. Impact on other units: None. However, to minimize impact on students who previously took Accounting 301, that course should still be recognized by Banner, at least in the transition period, in place of FINC 420. Financial Impact: None.

FINC 455 Financial Management: Theory and Practice (3)
(RE) Prerequisite(s): 420 and 425 with grades of C or better.

Formerly: (RE) Prerequisite(s): 425 with grade of C or better.

Rationale: Revision needed to assure that students have successfully completed FINC 420 prior to the capstone course. Impact on other units: None. Financial Impact: None.

FINC 463 Enterprise Risk Management (3)
(RE) Prerequisite(s): 301 or 307 and 420 with grades of C or better.

Formerly: (RE) Prerequisite(s): 301 or 307 and Accounting 301 with grades of C or better.

FINC 475 Insurance and Financial Planning Management (3)
(RE) Prerequisite(s): 301 or 307 and 420 with grades of C or better.

Formerly: (RE) Prerequisite(s): 301 or 307 and Accounting 301 with grades of C or better.

FINC 485 Real Estate Finance and Investment Analysis (3)

(RE) Prerequisite(s): 301 or 307 and 420 with grades of C or better.
Formerly: (RE) Prerequisite(s): 301 or 307 and Accounting 301 with grades of C or better.

Rationale: FINC 420 viewed as more appropriate for our majors, collaterals, and concentrations given course focus on the use of financial statements by key users (versus preparation of same). Impact on other units: None. However, to minimize impact on students who previously took Accounting 301, that course should still be recognized by Banner, at least in the transition period, in place of FINC 420. Financial impact: None.

DEPARTMENT OF MANAGEMENT
(ENT) Entrepreneurship

ADD CREDIT RESTRICTION

ENT 425 Entrepreneurial Marketing
Credit Restriction: Students cannot receive credit for both ENT 425 and MARK 350.

Rationale: Similar course content. Impact on other units: ENT 425 has been removed from the Entrepreneurship collateral for Marketing majors. Financial impact: None.

DEPARTMENT OF MANAGEMENT
(HRM) Human Resource Management

REVISE DESCRIPTION

HRM 492 Internship and Career Development (3) The internship has two parts, class and on-site work experience. The practical experience is critical in understanding the HRM curriculum and assists the student in reaching his/her career goal and in many cases leads to a full-time job. The classroom portion assists the student in getting ready for the corporate world through personality assessment, salary negotiation and professional networking. This class and practical experience will support the learning outcomes of the undergraduate assessment completed each year in the undergraduate program.
Formerly: Integrates classroom knowledge with skill based competencies in the human resources field through classroom instruction, interaction with outside speakers, attendance at professional meetings and an internship.

Rationale: Better describes course content. Impact on other units: None. Financial Impact: None.

(MGT) Management

DROP

MGT 402 International Business Strategy (3)
MGT 407 Honors: International Business Strategy (3)

Rationale: With major curriculum overhaul in 2016 catalog, these courses are no longer needed; replaced by BUAD 453 and 457, respectively. Impact on other units: None. Financial impact: None.

REVISE REGISTRATION RESTRICTION(S)

MGT 472 Managing People in the Global Environment (3)
Registration Restriction(s): Students must be admitted to an international business collateral or concentration in the Haslam College of Business or a language and world business concentration in the College of Arts and Sciences.
Formerly: Registration Restriction(s): Students must be admitted to an international business collateral or dual concentration in the Haslam College of Business or a language and world business concentration in the College of Arts and Sciences.

DEPARTMENT OF MARKETING AND SUPPLY CHAIN MANAGEMENT
(MARK) Marketing

ADD CREDIT RESTRICTION

MARK 350 Consumer Behavior (3)
Credit Restriction: Students cannot receive credit for both ENT 425 and MARK 350.

Rationale: Similar course content. Impact on other units: ENT 425 has been removed from the Entrepreneurship collateral for Marketing majors. Financial impact: None.

TEXT AND PROGRAM CHANGES

REVISE TEXT

Haslam College of Business
(Main college page)

Admission
(Paragraph 2)

Students admitted into the Haslam College of Business must maintain a minimum 2.50 cumulative grade point average and earn a grade of C or better in the following tracking ~~progression~~ courses or honors equivalents prior to the completion of 75 hours:

Internal and External Transfer Admission
Students who are not directly admitted to the Haslam College of Business or who are transferring from other educational institutions can apply for admission after completion of the tracking ~~progression~~ courses. Internal and external transfer students will be categorized as business exploratory majors until such time that they complete their requirements for admission. Students seeking transfer admission must complete all progression courses with a grade of C or better prior to the completion of 75 hours. Selection is highly competitive and based on academic achievement, commitment to pursuing a business discipline, and departmental capacity.

Curriculum
(Paragraphs 3, 4, and 5)

The pre-business core courses (17 ~~19~~ hours) are taken during the student's first and second year. The pre-business core provides students with the fundamentals of business education, introducing the tools, the environment, and the functions of contemporary business practices.

Building on the pre-business core foundation, the business core (17 ~~19~~ hours) consists of integrated contemporary business management modules in supply chain management, demand management, lean operations, and information management~~, and integrated process management~~; a discipline-specific course~~s~~ in financial management ~~and business strategy~~; ~~and~~ coursework on ~~global and~~ legal issues; and a capstone experience integrating business strategy with a business simulation. As business management perspectives change, the topics in the business core will, by design, adapt.

Simultaneously, students are completing the coursework (~~24 or~~ 27 hours~~, depending on major~~) required by their chosen major. The Haslam College of Business offers nine majors – accounting, business analytics, economics, finance, human resource management, management, marketing, public administration, and supply chain management. Within the ~~24 or~~ 27 hours of their major, students may study two areas of emphasis – their major with a collateral or their major with a ~~dual~~ concentration. With a collateral, students complete 18 ~~15~~ hours in their major and 9 hours in their collateral area (with the exception of economics and business analytics majors, who complete 21 ~~18~~ hours in their major and 6 hours in their collateral area). With a ~~dual~~ concentration, students complete 15 ~~12~~ hours in their major and 12 hours in their concentration area ~~each area of emphasis~~. See the chart in this section for details of the collateral and ~~dual~~ concentration options for each major. A minimum grade of C must be earned in every course counted toward the major, including major, collateral, or ~~dual~~ concentration courses.

Residency Requirement for Major Coursework

Haslam College of Business students are required to take 21 ~~18~~ of the 27 ~~24~~ major hours (75 percent) in residence at the University of Tennessee. This 27-hour ~~24-hour~~ major requirement includes all major, collateral, and/or ~~dual~~ concentration coursework.

Faculty
(Paragraph 2)

In addition to challenging students in the classroom, faculty also devote their energies to professional growth and commitment to the community by participating in other Haslam College of Business programs, like the Global Business Institute, the Neel Corporate Governance Center, Graduate and Executive Education, and the Boyd Center for Business and Economic Research.

The Global Initiative
(Paragraph 2)

Students who choose a collateral or ~~dual~~ concentration in international business will gain an understanding of how functional strategies are carried out and how to assess business opportunities in other cultures and countries. With the ability to appreciate different cultural perspectives, political, and economic institutions and to scan the broader environment of world events, students will be prepared to succeed in future international assignments in their careers.

PEACE CORPS PREP PROGRAM

The Peace Corps Prep (PCP) program combines academic coursework with external training/experience to give undergraduate students the qualifications and skill-set to be strong candidates for entering the U.S. Peace Corps after graduation. Students in the program must complete a set of courses which may be used to satisfy requirements or electives in many UT majors and minors. The program also includes training/experience in a specific sector, such as agriculture or environmental sciences, designed to develop professional and leadership skills. (link to webpage with requirements) The PCP program is open to all undergraduate UT students regardless of major, provided they meet the admissions requirements for the program. Students should apply for admission to the program as early as possible, and no later than one year before they expect to complete their UT undergraduate degree. For more information, please visit the Peace Corps page of Center for International Education website or contact the Peace Corps Prep Program coordinator. (link to CIE website where coordinator will be listed)

Note: Inclusion of the Peace Corps Prep Program information will be conditional pending approval of the Peace Corps Prep Program proposal by the Peace Corps, with a decision expected February 2017

Global Leadership Scholars

The Global Leadership Scholars Program offered by the Haslam College of Business serves its talented and motivated undergraduate students. The program consists of specified honors classes, seminars in leadership training, international experiences, and extracurricular activities including community service. Taught by a cadre of designated honors faculty and invited guest lecturers, the program promotes the development of international and intercultural awareness, leadership, and personal and professional growth and responsibility. Upon application, students can be admitted at the end of their first year. Accepted students will be admitted to the major of their choice and will pursue a ~~dual~~ concentration or collateral in international business.

Integrated Business and Engineering Program

This program is available to undergraduate students from the Haslam College of Business and Tickle College of Engineering. The students will be selected in their freshman year through an application process by appropriate committees in the two colleges. The students will be advised by a joint faculty committee and will register in courses designed for this program in their sophomore through senior years. The program will also provide common learning experience to the students through extracurricular activities and projects specifically designed for this program.

COLLEGE OF COMMUNICATION AND INFORMATION
All changes effective fall 2017

COURSE CHANGES

SCHOOL OF JOURNALISM AND ELECTRONIC MEDIA
(JREM) Journalism and Electronic Media

REVISE (RE) PREREQUISITE(S)

JREM 336 Video Production (3)
(RE) Prerequisite(s): 230 or CNST 281
Formerly: (RE) Prerequisite(s): 230
Rationale: Change is made to accommodate cinema studies majors who often take this course (CNST 281) as part of their major requirements. In addition, JREM 250 will no longer be offered (as of fall 2017).

JREM 480 Media Programming in the Digital Era (3)
(RE) Prerequisite(s): 230 or CNST 281
Formerly: (RE) Prerequisite(s): 230
Rationale: Change is made to accommodate cinema studies majors who often take this course (CNST 281) as part of their major requirements.

TEXT AND PROGRAM CHANGES

SCHOOL OF JOURNALISM AND ELECTRONIC MEDIA
(JREM) Journalism and Electronic Media

REVISE REQUIREMENTS

Requirements for the Bachelor of Science in Communication - Journalism and Electronic Media Major
(Revise footnote 4)

[4] Chosen from ENGL 201* or ENGL 207*, ENGL 202* or ENGL 208*, ENGL 206*, ENGL 221*, ENGL 222*, ENGL 225*, ENGL 226*, ENGL 231* or ENGL 237*, ENGL 232* or ENGL 238*, ENGL 233*, ENGL 247* or ENGL 251*, ENGL 248* or ENGL 252*, ENGL 253* or ENGL 258*, ENGL 254*, ENGL 281*.

Rationale: The School has been accepting ENGL/CNST 281, Introduction to Film Studies, for the English Literature electives requirement through petitions. Now that the course satisfies an arts and humanities general education requirement, the unit would like to add it the list of course options for the English Literature electives.

REVISE REQUIREMENTS

Requirements for the Journalism and Electronic Media Minor

Minor Requirements
Complete:
- JREM 200 - Multimedia Writing ~~Media~~
- JREM 230 - Multimedia Reporting ~~Media~~

Rationale: Course titles changed.

COLLEGE OF EDUCATION, HEALTH, AND HUMAN SCIENCES
All changes effective fall 2017

COURSE CHANGES

DEPARTMENT OF CHILD AND FAMILY STUDIES
(CFS) Child and Family Studies

REMOVE CROSS-LISTING

CFS 220 – Marriage and Family: Roles and Relationships (3)
Formerly: Same as Women's Studies 230

Rationale: The College of Arts and Sciences is dropping Women's Studies 230. Impact on other units: None. Financial impact: None.

DEPARTMENT OF KINESIOLOGY, RECREATION, AND SPORTS STUDIES
(KNS) Kinesiology

REVISE REGISTRATION RESTRICTION(S)

KNS 290 Principles of Movement Control and Skill Learning (3)
Registration Restriction(s): Kinesiology or recreation and sport management major.
Formerly: Registration Restriction(s): Kinesiology or recreation and sport management major; minimum student level – sophomore.

Rationale: In an effort to improve course sequencing in the future, students of any standing will be allowed to register for these major courses as long as they have successfully completed the prerequisites. Impact on other units: none. Financial impact: none.

REVISE (RE) PREREQUISITE(S), REGISTRATION RESTRICTION(S)

KNS 414 Fitness Testing and Exercise Prescription (3)
(RE) Prerequisite(s): Chemistry 120 with a C or better, Chemistry 130 with a C or better, Biochemistry and Cellular and Molecular Biology 230 with a C or better.
Registration Restriction(s): Kinesiology major.
Formerly: (RE) Prerequisite(s): Biochemistry and Cellular and Molecular Biology 230.
Registration Restriction(s): Kinesiology major; minimum student level – junior.

KNS 422 Biomechanics of Human Movement (3)
(RE) Prerequisite(s): Math 125 or 141 with a C or better, KNS 332 with a C or better and Physics 221 with a C or better.
Registration Restriction(s): Kinesiology or animal science major.
Formerly: (RE) Prerequisite(s): 332 and Physics 221.
Registration Restriction(s): Kinesiology or animal science major; minimum student level – junior.

† KNS 480 Physiology of Exercise (3)
(RE) Prerequisite(s): Chemistry 120 with a C or better, Chemistry 130 with a C or better, Biochemistry and Cellular and Molecular Biology 230 with a C or better or Biochemistry and Cellular and Molecular Biology 440 with a C or better.
Registration Restriction(s): Kinesiology major, Biological Sciences major, or Animal Science major.
Formerly: (RE) Prerequisite(s): Biochemistry and Cellular and Molecular Biology 230 or Biochemistry and Cellular and Molecular Biology 440.
Registration Restriction(s): Kinesiology major, Biological Sciences major, or Animal Science major; minimum student level – junior.

Rationale: In an effort to improve course sequencing in the future, students of any standing will be allowed to register for these major courses as long as they have successfully completed the prerequisites. Previously students needed to pass Chemistry, Physics, and Math to enroll in major KNS courses and to graduate (i.e. D- or better). While BCMB 230 and KNS 332 have always required a C or better to graduate, passing the class (D- or better) was the standard to enter KNS 480, KNS 414, and KNS 422. Often students would then re-take BCMB 230 and/or KNS 332 at a later time in order to graduate (which potentially undermines the spirit of having these courses as prerequisites). The changes reflected in points a-d aim to create a consistency of expectations to successfully pursue a degree in Kinesiology. The faculty believe the currently accepted D or better is not adequate preparation for the course the prerequisite leads to. Impact on other units: none. Financial impact: none.

(RSM) Recreation and Sport Management

REVISE TITLE, (RE) PREREQUISITE(S)

RSM 290 Sport Management Practicum I (3)
(RE) Prerequisite(s): 250.
Formerly: RSM 290 Practicum I (3)

(RE) Prerequisite(s): 201 or 250.

Rationale: Both Sport Management and Therapeutic Recreation concentrations shared the same course number for the Practicum and Internships. The changes in course numbers and course titles will eliminate any confusion as to which class students in each concentration should register for. Impact on other units: none. Financial impact: none.

ADD (RE) PREREQUISITE(S) AND REGISTRATION RESTRICTION(S)

RSM 325 Therapeutic Recreation Theories and Techniques (3)
(RE) Prerequisite(s): 201.
Registration Restriction(s): Recreation and sport management and Kinesiology majors

REVISE TITLE, DROP (RE) PREREQUISITE(S)

RSM 326 Therapeutic Recreation Programming (3)
Formerly: RSM 326 Therapeutic Recreation Programming II (3)
(RE) Prerequisite(s): 226.

Rationale: As a result of dropping RSM 226, the title for RSM 326 will need to be changed to accurately reflect the progression through the corresponding courses. Currently, RSM 226 is titled Therapeutic Recreation Programing I; RSM 326 is Therapeutic Recreation Programming II, and RSM 426 is Therapeutic Recreation Programming III. It is proposed that we change RSM 326 to Therapeutic Recreation Programming I and RSM 426 to Therapeutic Recreation Programming II. Impact on other units: Yes, the proposed change alters courses required by other programs, AUSP, SPED INT with ELEM ED, SPED INT with SEC ED, CFS Community Outreach. A blanket petition has already been created and put in place by College advising. Yes, this is a high demand course. Yes, this is a pre-requisite for RSM 426. Financial impact: none.

REVISE (RE) PREREQUISITE(S)

RSM 330 Sport Communication (3)
(RE) Prerequisite(s): 201 or 250.
Formerly: (RE) Prerequisite(s): 250.

RSM 340 Financial Aspects of Sport (3)
(RE) Prerequisite(s): 201 or 250.
Formerly: (RE) Prerequisite(s): 250.

RSM 360 Sport Governance (3)
(RE) Prerequisite(s): 201 or 250.
Formerly: (RE) Prerequisite(s): 250.

Rationale: Therapeutic Recreation students are extremely limited on the availability of upper level RSM electives that are required to meet the graduation requirements. A prerequisite has been added to these electives to allow Therapeutic Recreation students the opportunity to enroll and provide them with an increased number of electives to choose from. Impact on other units: none. Financial impact: none.

REVISE TITLE

RSM 390 Sport Management Practicum II (3)
Formerly: RSM 390 Practicum II (3)

Rationale: Both Sport Management and Therapeutic Recreation concentrations shared the same course number for the Practicum and Internships. The changes in course numbers and course titles will eliminate any confusion as to which class students in each concentration should register for. Impact on other units: none. Financial impact: none.

ADD (RE) PREREQUISITE(S) AND REGISTRATION RESTRICTION(S)

RSM 405 Therapeutic Recreation in Public Schools (3)
(RE) Prerequisite(s): 201, Kinesiology 100
Registration Restriction(s): Recreation and sport management major or Kinesiology major

Rationale: This is a high demand course that has a limited capacity due to the service-learning nature. Several Therapeutic Recreation students are not able to get into this required class because students from other majors also take this course. The RSM 201 pre-requisite will be put in place so that students have at least the foundational knowledge in the RSM-TR concentration in preparation for this course. Impact on other units: Yes, the proposed change alters courses required by other programs, students in Speech and Audiology are also required to take this course; however, those students struggle to get into this course as well so they are looking into alternatives for their students at this time. This is a high demand course. Financial impact: none.

REVISE (RE) PREREQUISITE(S)

RSM 410 Intercollegiate Athletics (3)

(RE) Prerequisite(s): 201 or 250.
Formerly: (RE) Prerequisite(s): 250.

Rationale: Therapeutic Recreation students are extremely limited on the availability of upper level RSM electives that are required to meet the graduation requirements. A prerequisite has been added to these electives to allow Therapeutic Recreation students the opportunity to enroll and provide them with an increased number of electives to choose from. Impact on other units: none. Financial impact: none.

REVISE TITLE, ADD REPEATABILITY

RSM 426 Advanced Therapeutic Recreation Programming (3)
Repeatability: May be repeated. Maximum 6 hours.
Formerly: RSM 426 Therapeutic Recreation Programming III (3)

Rationale: As a result of dropping RSM 226, the title for RSM 426 will need to be changed to accurately reflect the progression through the corresponding courses. Currently, RSM 226 is titled Therapeutic Recreation Programming I; RSM 326 is Therapeutic Recreation Programming II; and RSM 426 is Therapeutic Recreation Programming III. It is proposed that we change RSM 326 to Therapeutic Recreation Programming I and RSM 426 to Therapeutic Recreation Programming II. Some students are able to get into RSM 326-426 sequence as a sophomore and therefore have enough room in their academic plan to take RSM 426 a second time in a different, more advanced leadership role. Impact on other units: none. Financial impact: none.

REVISE (RE) PREREQUISITE(S)

RSM 440 Sport Marketing (3)
(RE) Prerequisite(s): 201 or 250.
Formerly: (RE) Prerequisite(s): 250 and Marketing 300.

Rationale: Therapeutic Recreation students are extremely limited on the availability of upper level RSM electives that are required to meet the graduation requirements. A prerequisite has been added to these electives to allow Therapeutic Recreation students the opportunity to enroll and provide them with an increased number of electives to choose from. Impact on other units: none. Financial impact: none.

REVISE TITLE, DESCRIPTION, AND (RE) PREREQUISITE(S)

RSM 460 Strategic Management of Sport Organizations (3) This course prepares students to be leaders in a dynamic sport industry by developing their understanding and abilities in the areas of strategic leadership, planning, decision-making, and creativity. Students are required to think critically and are encouraged to begin the transition process from learning to application. Upon completion of the course, students will be able to create and implement effective strategies for various strategic issues facing the sport industry. The course embraces a case method style and emphasizes critical thinking, teamwork, effective writing, and presenting.
(RE) Prerequisite(s): 201 or 250.
Formerly: RSM 460 Development and Revenue Generation (3) Designed to provide overview of theories, strategies, and techniques used in the production of revenue for recreation and sport organizations. Emphasis on developing balanced, multifaceted programs that target a variety of constituencies.
(RE) Prerequisite(s): 250.

Rationale: Therapeutic Recreation students are extremely limited on the availability of upper level RSM electives that are required to meet the graduation requirements. A prerequisite has been added to these electives to allow Therapeutic Recreation students the opportunity to enroll and provide them with an increased number of electives to choose from. The name change is being proposed to better fit the curriculum goals of this course and emphasize the strategic element of managing sport organizations. In addition, based on recent feedback received from the accreditation process, the program is seeking to become more aligned with the specific learning outcomes encouraged by the Council on Accreditation of Parks, Recreation, Tourism and Related Professions (COAPRT), which include elements of strategic management. Impact on other units: none. Financial impact: none.

REVISE TITLE AND COMMENTS

RSM 490 Sport Management Internship (6-12)
Comment(s): Enrollment for 2 semesters (6 hours each) or 1 semester (12 hours). Total of 12 hours required. Students must have a minimum required GPA of 2.5 for enrollment in this course.
Formerly: RSM 490 Internship (6-12)
Comment(s): Therapeutic Recreation sites must meet NCTRC Standards. Enrollment for 2 semesters (6 hours each) or 1 semester (12 hours). Total of 12 hours required. Students must have a minimum required GPA of 2.5 for enrollment in this course.

Rationale: Both Sport Management and Therapeutic Recreation concentrations shared the same course number for the Practicum and Internships. The changes in course numbers and course titles will eliminate any confusion as to which class students in each concentration should register for. Impact on other units: none. Financial impact: none.

DEPARTMENT OF NUTRITION
(NUTR) Nutrition

REVISE (RE) PREREQUISITE(S)

NUTR 311 - Physiological Chemistry (4)
(RE) Prerequisite(s): Biology 160 or Biochemistry and Cellular and Molecular Biology 230, with a C or better; Chemistry 260, with a C– or better

Formerly: (RE) Prerequisite(s): Biology 160 or Biochemistry and Cellular and Molecular Biology 230, with a C or better; Chemistry 350, with a C– or better.

NUTR 313 - Vitamins and Minerals (3)
(RE) Prerequisite(s): 311 or Biochemistry and Cellular and Molecular Biology 401, with a C or better; and Chemistry 260, with a C– or better.

Formerly: (RE) Prerequisite(s): 311 or Biochemistry and Cellular and Molecular Biology 401, with a C or better; and Chemistry 350, with a C– or better.

NUTR 314 - Energy Metabolism and Metabolic Integration (3)
(RE) Prerequisite(s): 311 or Biochemistry and Cellular and Molecular Biology 401, with a C or better; and Chemistry 260, with a C– or better.

Formerly: (RE) Prerequisite(s): 311 or Biochemistry and Cellular and Molecular Biology 401, with a C or better; and Chemistry 350, with a C– or better.

Rationale: Chemistry is dropping 350 and recommending 260 as a replacement. Impact on other units: None. Financial impact: None.

REVISE COURSE TITLE AND DESCRIPTION, ADD RECOMMENDED BACKGROUND

NUTR 303 Nutrition and Dietetics Management (3). Management with specific application to nutrition and dietetics practice settings including: foodservice systems, leadership, marketing, organizational design, facilities planning and design, quality improvement, human resources, budgeting and financial resources, and strategic management.
Recommended background: Hotel, Restaurant, and Tourism 210

Formerly: NUTR 303 Foodservice Systems Management (3) Assessment of managerial, organizational, and operational structures in foodservice systems with focus on markets related to dietetic practice, human resource policies, and strategies applied to foodservice systems management.

Rationale: This course title and description change more clearly reflect the role of the course in the Nutrition-Dietetics curriculum by focusing not only on management in nutrition and dietetics foodservice settings, such as healthcare facilities and schools, but also on nutrition and dietetics management roles relevant to clinical nutrition, public health nutrition, and other non-foodservice settings. Wording in the course description was specifically selected because it identifies knowledge requirements for our undergraduate program accreditation (Accreditation Council for Education in Nutrition and Dietetics) that are met by this course. The addition of recommended background is desirable to prepare students for NUTR 303 course content relevant to foodservice management, but is not necessary to include as a prerequisite at this time. Impact on other units: This is a course required for NUTR majors in the Dietetics Concentration, only. This impacts no other units. Financial impact: None.

REVISE TITLE

NUTR 311 Physiological Biochemistry (4)

Formerly: NUTR 311 Physiological Chemistry (4)

Rationale: This course title more accurately describes the course content. Impact on other units: It is not a required course outside of the nutrition major, although a few students each year from other programs do enroll (i.e. kinesiology, animal science). As course number, description, content, and offering will not change, no impact is expected. Financial impact: None.

DEPARTMENT OF PUBLIC HEALTH
(PUBH) Public Health

REVISE COURSE DESCRIPTION

PUBH 350 Public Health Aspects of Aging (3) Knowledge and understanding of biological, psychological, and sociological aspects of aging as related to health and wellness of the individual and populations.

Formerly: PUBH 350 Public Health Aspects of Aging (3) Knowledge and understanding of biological, psychological, and sociological aspects of aging as related to health and wellness of individual.

Rationale: Revised course description better expresses the academic focus of the course. This is just a minor wording change. Impact on other units: None. Financial impact: None.

DEPARTMENT OF RETAIL, HOSPITALITY, AND TOURISM MANAGEMENT
(HRT) Hotel, Restaurant, and Tourism Management

REVISE TITLE AND COURSE DESCRIPTION

HRT 224 Fundamentals of Tourism Planning (3) Examination of various components of the tourism industries, motivators to travel, and various types of tourism destination development including medical tourism, event/festival tourism, dark tourism, eco-tourism, sport tourism, and natural tourism. Includes the analyses and steps of tourism planning and community development.

Formerly: HRT 224 Tourism Management (3) Examination of the various components of the tourism industry, motivators to travel, and the various market segments. Includes analyses of the economic, social, cultural, and environmental impacts to tourism.

Rationale: Change course title and content to reflect a more comprehensive view of tourism, and study areas of tourism that are much more prevalent than in the past. A section is also being added to discuss how tourism planning fits into the big picture of community development. An overall update of the class to reflect current trends. Impact on Other Units: None. Financial Impact: None.

REVISE CREDIT HOURS AND COURSE DESCRIPTION

HRT 410 Strategic Planning for the Hospitality Industry (3) Partnering with stakeholders within the hospitality and tourism industries to assist with enhancing tourism. Explores socio-cultural impacts of tourism and hospitality industries in order to sustainably create marketing plans for industry partners. Enhances soft skills through leadership, team building, and communication activities. Build on the principles of marketing knowledge from previous courses to promote their destination in a sustainable manner. Creates socially responsible future tourism consultants that understand strategic marketing plans that benefit all stakeholders in the community.

Formerly: HRT 410 Strategic Planning for the Hospitality Industry (4) Hospitality management from a strategic planning perspective. Introduces model, methods, and techniques that can be used to identify strategic issues, and generate future-oriented action plans. Explores the manager's role as a strategic thinker. Includes a lab in which students will be presented with real world business problems and asked to generate solutions.

Rationale: Reduce number of credits awarded from four to three. The lab portion of the class can easily be done during regular class hours, and this also makes the number of credits equal to the same class in Retail and Consumer Sciences. The content is enhanced with more emphasis on sustainability and the socio-cultural impacts of tourism, which are very hot topics. The addition of these topics, will enhance the student experience and improve their strategic planning skills. Impact on Other Units: None. Financial Impact: None

REVISE TITLE AND COURSE DESCRIPTION, ADD (RE) PREREQUISITE(S)

HRT 484 Critical Sustainable Tourism (3) Critical Sustainable Tourism: Explores the historic and current socio-cultural impacts of tourism on the environment, community, and government. Understand the complexities of tourism relationships from the host community and tourist perspective. Explain how tourism influences culture, communities, and societies through forces of racial/ethnic identity, class, gender, sex tourism, and the politicization of tourism. Identifying the power dynamics within tourism planning and development of a tourism destination. Emphasis on the study of both historic and current socio-cultural impacts of tourism on family, community, culture, government, and the environment, as well as other current issues.
(RE)Prerequisite(s): 224.

Formerly: HRT 484 International and Multicultural Tourism (3) Examines international and intercultural tourism trends, planning, and development issues. Special emphasis is given to the factors affecting patterns of international travel, planning practices, facilities, and services necessary to attract and host international tourists, and the development and operation of tourism attractions in developing countries. An overseas study tour is required as part of this course.

Rationale: Change course title and content to reflect tourism from a socio-cultural perspective. We don't have any other tourism courses that critically explore the ways in which tourism has both affected and been affected by modern society worldwide. In addition, we have found the overseas study tour impractical for this class. Impact on Other Units: None. Financial Impact: None

(RCS) Retail and Consumer Science

REVISE CREDIT HOURS

RCS 310 Retail Buying and Planning (3)

Formerly: RCS 310 Retail Buying and Planning (4)

Rationale: Course objectives can be achieved in 3-hour course. The one hour will be used for the new HRT 150 course. Impact on other Units: None. Financial Impact: None.

REVISE TITLE

✳ RCS 391 Leadership in Retailing (3)

Formerly: RCS 391 Professional Development in Retailing (3)

Rationale: More accurately describes course. Impact on other Units: None. Financial Impact: None.

RCS 412 Digital Retailing (3)

Formerly: RCS 412 e-Retailing (3)

Rationale: Currently accepted nomenclature in the industry and discipline. Impact on other units: None. Financial Impact: None.

DEPARTMENT OF THEORY AND PRACTICE IN TEACHER EDUCATION
(ARED) Art Education

REVISE (RE) PREREQUISITE(S)

ARED 400 Theory & Practice in Art Education (3)
(RE) Prerequisite(s): Educational Psychology 210 or permission of instructor.
Formerly: (RE) Prerequisite(s): 350, Educational Psychology 210 or permission of instructor.

Rationale: The program is designed so that students typically take ARED 400 in the fall and then take ARED 350 (a practicum course) in the spring—the spring before their internship year. Therefore, ARED 350 should not be listed as a prerequisite for ARED 400. Impact on other units: None. Financial impact: None.

(ASL) American Sign Language

ADD COMMENT(S)

ASL 111 Elementary American Sign Language I (3)
Comment: Deaf Education majors, Educational Interpreting majors, and ASL minors must earn a minimum grade of B, and non-majors must earn a minimum grade of C to advance to ASL 112.

Rationale: A minimum B is required for majors. Adding a course comment will help to remind students of expectations. A minimum C is needed for non-majors. Students who progress to the next level ASL without having a minimum C are rarely able to keep up in the class. A minimum C prerequisite is similar to the requirements of other language course taught on campus. Impact on other units: None. Financial impact: None.

REVISE (RE) PREREQUISITE(S), ADD COMMENT(S)

ASL 112 Elementary American Sign Language II (3)
(RE) Prerequisite(s): 111 with a grade of C or better.
Course Comment: Deaf Education majors, Educational Interpreting majors, and ASL minors must earn a minimum grade of B, and non-majors must earn a minimum grade of C to advance to ASL 211.
Formerly: (RE) Prerequisite(s): 111.

✳ ASL 211 Intermediate American Sign Language I (3)
(RE) Prerequisite(s): 112 with a grade of C or better.
Course Comment: Deaf Education majors, Educational Interpreting majors, and ASL minors must earn a minimum grade of B, and non-majors must earn a minimum grade of C to advance to ASL 212.
Formerly: (RE) Prerequisite(s): 112

✳ ASL 212 Intermediate American Sign Language II (3)
(RE) Prerequisite(s): 211 with a grade of C or better.
Course Comment: Deaf Education majors, Educational Interpreting majors, and ASL minors must earn a minimum grade of B, and non-majors must earn a minimum grade of C to advance to ASL 311.
Formerly: (RE) Prerequisite(s): 211.

Rationale: A minimum B is required for majors. Adding a course comment will help to remind students of expectations. A minimum C is needed for non-majors. Students who progress to the next level ASL without having a minimum C are rarely able to keep up in the class. A minimum C prerequisite is similar to the requirements of other language courses taught on campus. Impact on other units: None. Financial impact: None.

REVISE (RE) PREREQUISITE(S)

ASL 311 Advanced American Sign Language I: Educational Context (3)
(RE) Prerequisite(s): 212 with a grade of C or better.
Formerly: (RE) Prerequisite(s): ASL 212.

Rationale: A minimum C is needed for non-majors. Students who progress to the next level ASL without having a minimum C are rarely able to keep up in the class. A minimum C prerequisite is similar to the requirements of other language courses taught on campus. Impact on other units: None. Financial impact: None.

(AUSP) Audiology and Speech Pathology

ADD REGISTRATION RESTRICTION(S)

AUSP 303 Introduction to Hearing Science (3)
Registration Restriction: Restricted to students majoring in Child and Family Studies, Special Education, and Interdisciplinary Studies or consent of instructor.

AUSP 320 Speech and Language Development (3)
Registration Restriction: Restricted to students majoring in Child and Family Studies, Special Education, and Interdisciplinary Studies or consent of instructor.

AUSP 494 Introduction to Aural Habilitation/Rehabilitation of the Hearing Impaired (3)
Registration Restriction: Restricted to students majoring in Child and Family Studies, Special Education, and Interdisciplinary Studies or consent of instructor.

Rationale: These courses should be offered via UTK only to Audiology and Speech Pathology (ASP) non-majors who are majoring in Child and Family Studies, Special Education, or Interdisciplinary Studies. ASP majors will access these courses via UTHSC during their final year in the B.S. in ASP 3 + 1 joint degree program. Impact on other units: None. Financial Impact: None.

(EDDE) Education of the Deaf and Hard of Hearing

ADD COMMENT(S)

EDDE 310 Practicum with the Deaf and Hard of Hearing (3)
Comment: Students must earn a minimum grade of B to advance to EDDE 410.

Rationale: Students not earning a B or higher are either not showing professional behavior in their practicum placements (e.g., excessive absences or tardiness) or are not evidencing basic lesson/unit planning skill. Impact on other units: None. Financial impact: None.

ADD (RE) PREREQUISITE(S), COMMENT(S), AND REGISTRATION RESTRICTION(S)

EDDE 410 Practicum with the Deaf and Hard of Hearing (3)
(RE) Prerequisite: 310 with a grade of B or better; ASL 212 with a grade of B or better.
Comment(s): Taught in American Sign Language.
Registration Restriction(s): Admission to Teacher Education.

Rationale: Students not earning a B or higher in EDDE 310 are either not showing professional behavior in their practicum placements (e.g., excessive absences or tardiness) or are not evidencing basic lesson/unit planning skill. EDDE 410 is taken by students in the spring of their senior year. They should have completed ASL 212 and have been admitted to teacher education by then. The course is fully taught in ASL. Impact on other units: None. Financial Impact: None.

REMOVE RECOMMENDED BACKGROUND, ADD COMMENT(S) AND REGISTRATION RESTRICTION(S)

EDDE 415 Language Development of the Deaf and Hard of Hearing I (3)
Comment(s): Taught in American Sign Language.
Registration Restriction(s): Admission to Teacher Education, Educational Interpreting, or instructor permission.
Formerly: Recommended Background: Portion of class is delivered in American Sign Language (ASL). Students must have at least intermediate ASL skills to enroll.

Rationale: EDDE 415 is taken by students in the fall of their senior year. They should have been admitted to teacher education by then. The class is fully taught in American Sign Language. Impact on other units: None. Financial impact: None.

EDDE 416 Language Development of the Deaf and Hard of Hearing II (3)
Comment(s): Taught in American Sign Language.
Registration Restriction(s): Admission to Teacher Education, Educational Interpreting, or instructor permission.
Formerly: Recommended Background: Portion of class is delivered in American Sign Language (ASL). Students must have at least intermediate ASL skills to enroll.

Rationale: EDDE 416 is taken by students in the spring of their senior year. They should have been admitted to teacher education by then. The class is fully taught in American Sign Language. Impact on other units: None. Financial impact: None.

(ETEC) Educational Technology

REVISE COURSE DESCRIPTION, ADD REGISTRATION RESTRICTION(S)

ETEC 486 Integrating Technology into the Classroom (3) Use of technology to support teaching and learning; designed to prepare teacher preparation students to integrate a variety of computer-based technologies into the PreK-12 curriculum and adapt these technologies for diverse populations including students with mild disabilities as well as ESL students. Includes strategies and techniques of integrating the Internet, digital images, digital stories, multimedia, web-based tools, mobile apps and interactive whiteboards.
Registration Restriction(s): Admission to Teacher Education.
Formerly: ETEC 486 Integrating Technology into the Classroom (3) Use of technology to support teaching and learning; designed to prepare teacher preparation students to integrate a variety of computer-based technologies into the PreK-12 curriculum and adapt these technologies for diverse populations including students with mild disabilities as well as ESL students. Includes strategies and techniques of integrating the Internet, digital images, digital diagrams, multimedia, web-based tools and interactive whiteboards.

Rationale: This change is revise to course description to better reflect course content and to add the registration restriction that a student must be admitted to teacher education. Impact on other units: None. This course was added last catalog year but the registration restriction was inadvertently left out. Financial impact: None.

TEXT AND PROGRAM CHANGES

DEPARTMENT OF KINESIOLOGY, RECREATION, AND SPORT STUDIES

REVISE REQUIREMENTS

Requirements for the Bachelor of Science in Education – Kinesiology Major
(Footnote 6)

[6] Select courses from ACCT 200; ANTH 480; any BCMB course; BIOL 101*, BIOL 102*, BIOL 150*, BIOL 160*, BIOL 159*, BIOL 220, BIOL 229, BIOL 240, BIOL 260, BIOL 269; CFS 210*; CHEM 260, CHEM 268, ~~CHEM 350, CHEM 358,~~ CHEM 360, CHEM 368, CHEM 369; CLAS 273; COSC 100*; ECON 201*; EEB 240; FINC 300; KNS 231, KNS 290, KNS 334, KNS 335, KNS 365, KNS 370, KNS 380, KNS 426, KNS 440, KNS 450, KNS 485, KNS 490, KNS 493, KNS 497; MARK 300; MGT 201, MGT 300; MICR 210*; NURS 201, NURS 351; NUTR 302; PHIL 244*, PHIL 252*; PSYC 220, PSYC 300, PSYC 301, PSYC 310, PSYC 320, PSYC 330, PSYC 360, PSYC 382, PSYC 400, PSYC 410, PSYC 430, PSYC 431, PSYC 434, PSYC 435, PSYC 440, PSYC 461, PSYC 470, PSYC 475, PSYC 480, PSYC 482, PSYC 496; PUBH 201, PUBH 202, PUBH 315, PUBH 350, PUBH 401; RSM 226, RSM 326, RSM 335, RSM 336, RSM 337, RSM 338, RSM 370, RSM 405, RSM 415, RSM 424, RSM 426, RSM 450; STAT 201*. Professional electives must be passed with a minimum grade of "C." Other courses not listed here may be petitioned to count as kinesiology professional electives with approval of the assigned kinesiology faculty advisor. Check with advisor prior to taking the course. Courses selected as professional electives cannot be used to fulfill additional requirements in the program.

Rationale: Chemistry is dropping 350 and 358 and recommending 260 and 268 as replacements. Impact on other units: None. Financial impact: None.

DEPARTMENT OF NUTRITION
(NUTR) Nutrition

REVISE REQUIREMENTS

Requirements for the Bachelor of Science in Health and Human Sciences – Nutrition Major – Basic Science Concentration

Term 3		
BCMB 230	5	3.0 cumulative GPA
CHEM 260 ~~CHEM 350~~	3	CHEM 130* with a grade of C or better
EEB 240	4	NUTR 100* with a grade of C or better
NUTR 201	1	
BIOL 220	2	
Term 4[3]		
CHEM 360	3	BCMB 230 with a grade of C or better
BIOL 240	4	CHEM 260 ~~CHEM 350~~ with a grade of C– or better
NUTR 302	3	
CLAS 273	3	
[1]Unrestricted Elective	2	

Rationale: Chemistry is dropping 350 and recommending 260 as a replacement. Impact on other units: None. Financial impact: None.

REVISE REQUIREMENTS

Requirements for the Bachelor of Science in Health and Human Sciences – Nutrition Major – Dietetics Concentration

Term 3		
BCMB 230	5	3.0 cumulative GPA
CHEM 260 ~~CHEM 350~~	3	CHEM 130* with a grade of C or better
[2]Cultures and Civilizations Elective*	3	NUTR 100* with a grade of C or better
NUTR 201	1	
[1]Unrestricted Elective	3	
Term 4[3]		
[2]Arts and Humanities Elective*	3	BCMB 230 with a grade of C or better
[2]Cultures and Civilizations Elective*	3	CHEM 260 ~~CHEM 350~~ with a grade of C– or better
MICR 210*	3	
NUTR 302	3	
STAT 201* or STAT 207*	3	

Term 6		
[1]Unrestricted Elective	3	No milestones
[4] FDSC 241 ~~FDST 241~~	3	
[4]NUTR 313, [4]NUTR 314	6	
ENGL 295* or ENGL 360*	3	

Rationale: Chemistry is dropping 350 and recommending 260 as a replacement. Food Science and Technology is changing the department name to Food Science, so FDST 241 is becoming FDSC 241. Impact on other units: None. Financial impact: None.

REVISE REQUIREMENTS

Nutrition Minor

Minor Requirements
The minor consists of **16 hours**. All course prerequisites are required, with a C or better required for BCMB 230 and a C– or better in CHEM 260 ~~CHEM 350~~. A student must earn a grade of C or better in each Nutrition course to successfully complete the requirements for this minor.

Prerequisites
Select one course:

- CHEM 260 – Foundations of Organic Chemistry
- CHEM 268 – Honors: Foundations of Organic Chemistry
- ~~CHEM 350 - Organic Chemistry I~~
- ~~CHEM 358 - Honors: Organic Chemistry I~~

Rationale: Chemistry is dropping 350 and recommending 260 as a replacement. Impact on other units: None. Financial impact: None.

THEORY AND PRACTICE IN TEACHER EDUCATION

REVISE REQUIREMENTS

Requirements for the Bachelor of Science in Education – Special Education Major – Education of the Deaf and Hard of Hearing Concentration
Professional Electives
Secondary License

- **Natural Sciences (Chemistry)** - 15 credits of courses from the chemistry department at the 200+ level, including CHEM 210 ~~CHEM 310~~, CHEM 219 ~~CHEM 319~~, and one course from CHEM 260 ~~CHEM 350~~, CHEM 360, CHEM 369, CHEM 370, CHEM 379, ~~CHEM 471~~, ~~CHEM 473~~, CHEM 479*, ~~CHEM 481~~, and CHEM 470 ~~CHEM 483~~.

Rationale: Chemistry is dropping 350 and recommending 260 as a replacement. Impact on other units: None. Financial impact: None.

REVISE REQUIREMENTS

Requirements for the Bachelor of Science in Education – Special Education Major – Interventionist and Comprehensive Special Education with Secondary Education Concentration (with Optional Endorsement in Early Childhood Education) (Footnote 7)

[7] Choose courses from Professional Elective List below, corresponding to the secondary subject area chosen.

- **Natural Sciences (Chemistry)** - CHEM 130* or CHEM 138*, CHEM 210-CHEM 219 ~~CHEM 310-CHEM 319~~, and 9 ~~6~~ credit hours ~~of chemistry courses at 300 level or above and choose 3 credit hours~~ from the following courses: CHEM 260 ~~CHEM 350~~ or CHEM 268 ~~CHEM 358~~, CHEM 360 or CHEM 368, CHEM 369, CHEM 370 ~~CHEM 471, CHEM 473~~, CHEM 470, CHEM 479*, ~~CHEM 481, CHEM 483~~;

Rationale: Chemistry is dropping 350 and recommending 260 as a replacement. Impact on other units: None. Financial impact: None.

TICKLE COLLEGE OF ENGINEERING
All changes effective fall 2017

COURSE CHANGES

CHEMICAL AND BIOMOLECULAR ENGINEERING
(CBE) Chemical and Biomolecular Engineering

REVISE (RE) PREREQUISITE(S)

CBE 480 - Equipment Design and Economic Methods (3)
(RE) Prerequisite(s): 340, 360, and Chemistry 260.
Formerly: (RE) Prerequisite(s): 340, 360, and Chemistry 350.

Rationale: A&S is changing several of their Chemistry courses, so TCE departments are updating their courses and programs that were impacted by the changes in Chemistry courses. Impact on other units: None. Financial impact: None.

DEPARTMENT OF CIVIL AND ENVIRONMENTAL ENGINEERING
(CE) Civil Engineering

ADD (RE) COREQUISITE(S), REVISE REGISTRATION RESTRICTION

CE 340 Construction Engineering and Management I (3)
(RE) Corequisite(s): 300 or instructor permission.
Registration Restriction: Civil and nuclear engineering majors; minimum student level – junior.
Formerly: Registration Restriction: Civil engineering majors; minimum student level – junior.

Rationale: This will make the students more enabled and engaged in the course activities. Impact on other units: Nuclear Decommissioning and Environmental Management (NDEM) minor students from Nuclear Engineering Program. Financial impact: None.

REVISE DESCRIPTION, (RE) PREREQUISITE(S), AND (DE) COREQUISITE(S)

CE 391 Water Resources Engineering I (3) Introductory coverage of water resources engineering including fluid properties; conservation of mass, energy, and momentum; hydraulics (flow measurement, pressure pipe, and open channels); and hydrology (hydrologic cycle, groundwater flow, and rainfall-runoff estimation).
(RE) Prerequisite(s): Engineering Fundamentals 152 or Engineering Fundamentals 158.
(DE) Corequisite(s): 262 or Mechanical Engineering 202; and Mathematics 231 or Mathematics 237.
Formerly: Introductory coverage of water resources engineering including fluid properties; conservation of mass, energy, and momentum; hydraulics (flow measurement, pressure pipe, and open channels); and hydrology (climate and the hydrologic cycle, water budgets, groundwater flow, and rainfall-runoff estimation).
(RE) Prerequisite(s): Mathematics 231 and Engineering Fundamentals 152.
(DE) Corequisite(s): 262.

Rationale: Course content on hydrology has been modified to better match learning outcomes, and improve it based on previous student course evaluations. Impact on other units: Improve enrollment for Biosystems Engineering and Soil Sciences (BESS) students. Financial impact: None.

DEPARTMENT OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCE
(ECE) Electrical and Computer

REVISE DESCRIPTION

ECE 313 Probability and Random Variables (3) Probability axioms, Bayes' theorem. Discrete and continuous random variables. Probability mass functions, density functions, and joint distributions. Central limit theorem. Expectation, variance, covariance, and correlation.
Formerly: Set theory, axioms of probability, Bayes' theorem. Discrete and continuous random variables and probability density functions. Expectation, sample mean and variance. Central limit theorem. Parameter estimation and hypothesis testing.

Rationale: The consensus was that multivariable topics (joint distributions) were more important than Parameter estimation and hypothesis testing. The consequence will be that some class time will necessarily be spent in introducing students to some rudimentary multivariable calculus since only first-semester calculus is required. That will to some extent be problematic; most students can't remember first-semester calculus. Impact on other academic units: None. Financial impact: None.

REVISE (RE) PREREQUISITE(S)

ECE 432 Electronic Amplifiers (3)
(RE) Prerequisite(s): ECE 336.
Formerly: (RE) Prerequisite(s): 431.

Rationale: ECE 431 is currently listed as a pre-req. Due to recent catalog change, ECE 431 is now an Operational Amplifier Circuits course. It is not a preq-req of ECE 432 anymore. We need to revise the pre-req to a junior level course ECE 336 Electronic Circuits. Impact on other units: None. Financial impact: None.

REVISE (RE) PREREQUISITE(S)

ECE 461 Introduction to Computer Security (3)
(RE) Prerequisite(s): ECE 202 or Computer Science 302 or Computer Science 307.

Formerly: (RE) Prerequisite(s): 313 or equivalent; and Computer Science 102 or equivalent.

Rationale: This class is a new course introduced as part of the new cybersecurity minor. The class covers topics including computer networks, web, mobile system and operating system, among others. After offering this class a couple of times, the instructor believes it is necessary to require junior standing so that the students have more comprehensive background in the above topics. ECE 202 is a 4th semester course for Electrical Engineering majors. COSC 302 is a 4th semester course for Computer Engineering and Computer Science majors. Impact on other units: None. Financial impact: None.

ENGINEERING FUNDAMENTALS DIVISION
(EF) Engineering Fundamentals

REVISE (RE) PREREQUISITE, ADD (RE) COREQUISITE(S)

EF 230 Computer Solution of Engineering Problems (2)
(RE) Prerequisite(s): EF 105 or Computer Science 102.
(RE) Corequisite(s): EF 152 or 158, or Physics 136, or Physics 138.
Formerly: (RE) Prerequisite(s): 152 or 158, or Physics 136, or Physics 138.

Rationale: The knowledge in the current prerequisite courses is not required prior to EF 230, but rather the knowledge in EF 105 - Computer Methods in Engineering Problem Solving or COSC 102 Introduction to Computer Science is the prerequisite knowledge. The current prerequisites are maintained as co-requisite courses to insure students are making progress in engineering. Impact on other units: None. Financial impact: None.

DEPARTMENT OF MATERIALS SCIENCE AND ENGINEERING
(MSE) Materials Science and Engineering

REMOVE (RE) PREREQUISITE(S)

MSE 450 Introduction to Nuclear Fuels & Materials (3)
Formerly: (RE) Prerequisite(s): Mechanical Engineering 331 or Materials Science and Engineering 260.

Rationale: The prerequisites for Nuclear Engineering 440 (co-listed as MSE450) should be deleted. The students in this class are a mixture of undergraduate students from Nuclear Engineering or Materials Science and Engineering, and Nuclear Engineering / Materials Science and Engineering graduate students. The prerequisite for Mechanical Engineering 331 or Materials Science and Engineering 260 (thermodynamics) is not needed, since sufficient exposure to the key thermodynamic concepts of Gibbs free energy, etc. are obtained by Nuclear Engineering and Materials Science and Engineering students in several courses before they enroll in this senior-level class. Most graduate students are coming from institutions outside of UT and they similarly have sufficient exposure to thermodynamics from their undergraduate coursework. Impact on other units: Prerequisite for Materials Science and Engineering 450 listing should also be removed. Financial Impact: None.

DEPARTMENT OF MECHANICAL, AEROSPACE, AND BIOMEDICAL ENGINEERING
(BME) Biomedical Engineering

REVISE (RE) PREREQUISITE(S), ADD (DE) PREREQUISITE(S)

BME 315 Signals and Systems Analysis (3)
(RE) Prerequisite(s): Engineering Fundamentals 230; and 363 or Mechanical Engineering 363.
(DE) Prerequisite(s): BME 201.
Formerly: (RE) Prerequisite(s): 271 or Engineering Fundamentals 230; and 363 or Mechanical Engineering 363.

Rationale: Dropping BME 271 and replacing with Engineering Fundamentals 230 and BME 201. Impact on other units: None. Financial impact: None.

BME 363 System Dynamics (3)
(RE) Prerequisite(s): Engineering Fundamentals 230; Math 231 and Mechanical Engineering 231 with grades of C or better.
(DE) Prerequisite(s): BME 201.
Formerly: (RE) Prerequisite(s): 271; Math 231 and ME 231 with grades of C or better.

Rationale: Dropping BME 271 and replacing with Engineering Fundamentals 230 and BME 201. Impact on other units: None. Financial impact: None.

BME 367 Honors: System Dynamics (3)
(RE) Prerequisite(s): Engineering Fundamentals 230; Math 231 and Mechanical Engineering 231 with grades of C or better.
(DE) Prerequisite(s): BME 201.
Formerly: (RE) Prerequisite(s): 271; Math 231 and ME 231 with grades of C or better.

Rationale: Dropping BME 271 and replacing with Engineering Fundamentals 230 and BME 201. Impact on other units: None. Financial impact: None.

BME 409 Cell and Tissue Engineering (3)

(RE) Prerequisite(s): Engineering Fundamentals 230 and Biochemistry and Cellular and Molecular Biology 230.
(DE) Prerequisite(s): BME 201.
Formerly: (RE) Prerequisite(s): 271 and BCMB 230.

Rationale: Dropping BME 271 and replacing with Engineering Fundamentals 230 and BME 201. Impact on other units: None. Financial impact: None.

BME 473 Applied Biomechanics (3)
(RE) Prerequisite(s): Biochemistry and Cellular and Molecular Biology 230 and Mechanical Engineering 231.
(DE) Prerequisite(s): Engineering Fundamentals 230 and BME 201.
Formerly: (RE) Prerequisite(s): BCMB 230 and ME 231.
(DE) Prerequisite(s): BME 271.

Rationale: Dropping BME 271 and replacing with EF 230 and BME 201. Impact on other units: None. Financial impact: None.

BME 477(3) Honors: Applied Biomechanics (3)
(RE) Prerequisite(s): Biochemistry and Cellular and Molecular Biology 230 and Mechanical Engineering 231.
(DE) Prerequisite(s): Engineering Fundamentals 230 and BME 201.
Formerly: (RE) Prerequisite(s): BCMB 230 and ME 231.
(DE) Prerequisite(s): BME 271.

Rationale: Dropping BME 271 and replacing with Engineering Fundamentals 230 and BME 201. Impact on other units: None. Financial impact: None.

DEPARTMENT OF NUCLEAR ENGINEERING
(NE) Nuclear Engineering

REVISE DESCRIPTION, REMOVE (RE) PREREQUISITE(S), ADD REGISTRATION RESTRICTION

NE 404 Nuclear Fuel Cycle (3) Covers all relevant components of the commercial nuclear fuel cycle, including methods for mining and milling, physics of uranium enrichment, fuel fabrication, in-core fuel management strategies, reactor physics, spent fuel storage, reprocessing, and disposal of high-level radioactive wastes. Additional topics include decommissioning of nuclear facilities and the economics of electric power production as they apply to nuclear energy systems. Discussions of relevant issues in nuclear material accountancy and international safeguards for fuel cycle facilities.
Registration Restriction: Minimum student level – junior.
Formerly: Mining, milling, enrichment, fuel fabrication, in-core management, nuclear reactor theory, reprocessing, waste disposal, regulatory requirements, nuclear facilities, nuclear material accountancy and physical protection. Exercise on signatures and observables of nuclear materials processing.
(RE) Prerequisite(s): 470.
Registration Restriction: None.

Rationale: The catalog description is being changed to more accurately reflect the topics covered in the course. The prerequisite of NE 470 is being eliminated due to the fact that necessary reactor physics content is reviewed in the class; additionally, as part of the nuclear facilities decommissioning minor, the prerequisite was causing difficulty for non-NE students wishing to enroll in the course. Junior standing is being required to enter this 400 level course. Impact on other units: None. Financial Impact: None.

REVISE (RE) PREREQUISITE(S)

NE 406 Radiation Shielding (3)
(RE) Prerequisite(s): 233 or 433, Physics 232, or consent of instructor.
Formerly: Prerequisite(s): 233, Physics 232.

Rationale: NE 433 was restructured into two listings; NE 233 as an exclusively undergraduate course, and NE 433 remained available for graduate credit for students who enter graduate school without an NE undergraduate degree and perform extra work. However, during the transition current students entering NE406 have not taken NE 233, but NE 433 instead. Therefore, both options need to be as either/or prerequisites. Impact on other units: None. Financial Impact: None.

REMOVE (RE) PREREQUISITE(S), REVISE (RE) COREQUISITE(S)

NE 440 Introduction to Nuclear Fuels & Materials (3)
(RE) Corequisite(s): Materials Science and Engineering 201 or 207; and Mechanical Engineering 321 or Materials Science and Engineering 302, or consent of instructor.
Formerly: (RE) Prerequisite(s): Mechanical Engineering 331 or Materials Science and Engineering 260.
(RE) Corequisite(s): Materials Science and Engineering 201; and Mechanical Engineering 321 or Materials Science and Engineering 302.

Rationale: The prerequisites for NE440 (co-listed as Materials Science and Engineering 450) should be deleted. The students in this class are a mixture of undergraduate students from NE or Materials Science and Engineering, and NE/ Materials Science and Engineering graduate students. The prerequisite for Mechanical Engineering 331 or Materials Science and Engineering 260 (thermodynamics) is not needed, since sufficient exposure to the key thermodynamic concepts of Gibbs free energy, etc. are

obtained by NE and Materials Science and Engineering students in several courses before they enroll in this senior-level class. Most graduate students are coming from institutions outside of UT and they similarly have sufficient exposure to thermodynamics from their undergraduate coursework. Impact on other units: Prerequisite for Materials Science and Engineering 450 listing should also be removed. Financial Impact: None.

ADD REGISTRATION RESTRICTION

NE 447 Honors: Nuclear Fuel Cycle (3)
Registration Restriction: Minimum student level – junior.
Formerly: None.

Rationale: The catalog description is being changed to more accurately reflect the topics covered in the course. The prerequisite of NE 470 is being eliminated due to the fact that necessary reactor physics content is reviewed in the class; additionally, as part of the nuclear facilities decommissioning minor, the prerequisite was causing difficulty for non-NE students wishing to enroll in the course. Junior standing is being required to enter this 400 level course. Impact on other units: None. Financial Impact: None.

ADD (RE) PREREQUISITE(S)

NE 467 Honors: Radiation Shielding (3)
(RE) Prerequisite(s): 233 or 433, Physics 232, or consent of instructor.
Formerly: None.

Rationale: NE 433 was restructured into two listings; NE 233 as an exclusively undergraduate course, and NE 433 remained available for graduate credit for students who enter graduate school without an NE undergraduate degree and perform extra work. However, during the transition current students entering NE406 have not taken NE 233, but NE 433 instead. Therefore, both options need to be as either/or prerequisites. Impact on other units: None. Financial Impact: None.

REVISE (RE) PREREQUISITE(S)

NE 470 Nuclear Reactor Theory (3)
(RE) Prerequisite(s): 362 or consent of instructor or graduate standing.
Formerly: (RE) Prerequisite(s): 362 or consent of instructor.

Rationale: This class is a required class for new graduate students that do not have an undergraduate degree in Nuclear Engineering. The addition of graduate standing makes it possible for graduate students who do not have an NE undergraduate degree to be able to take 470 without taking 362. Impact on other units: None. Financial impact: None.

CHEMICAL AND BIOMOLECULAR ENGINEERING

REVISE REQUIREMENTS

Requirements for the Bachelor of Science in Chemical Engineering

Term 4		
CBE 240, CBE 250	8	EF 152* or PHYS 136*
CHEM 210, CHEM 219 ~~CHEM 310, CHEM 319~~	4	
MATH 241 or MATH 247	4	
Social Sciences Elective*	3	
Term 5		
Arts and Humanities Elective*	3	CBE 201 or COSC 102 or ME 202 or MSE 201
CBE 301, CBE 350	6	
CHEM 260 ~~CHEM 350~~ or CHEM 268 ~~CHEM 358~~	3	
PHYS 231*	3	

Rationale: A&S is changing several of their Chemistry courses, so TCE departments are updating their courses and programs that were impacted by the changes in Chemistry courses. Impact on other units: None. Financial impact: None.

REVISE REQUIREMENTS

Requirements for the Bachelor of Science in Chemical Engineering – Biomolecular Engineering Concentration

Term 5		
Arts and Humanities Elective*	3	CBE 201 or COSC 102 or ME 202 or MSE 201
CBE 301, CBE 350	6	
CHEM 260 ~~CHEM 350~~ or CHEM 268 ~~CHEM 358~~	3	
PHYS 231*	3	

Rationale: A&S is changing several of their Chemistry courses, so TCE departments are updating their courses and programs that were impacted by the changes in Chemistry courses. Impact on other units: None. Financial impact: None.

CIVIL AND ENVIRONMENTAL ENGINEERING

REVISE REQUIREMENTS

Environmental Engineering Minor

Minor Requirements
The minor requires the completion of a minimum of **21 credits** in coursework which builds the foundation of an environmental engineering perspective.

Required Courses
Select one course:

- ~~CHEM 230 - Inorganic Chemistry~~
- ~~CHEM 310 - Analytical Chemistry~~
- ~~CHEM 350 - Organic Chemistry I~~
- 210 Foundations of Analytical Chemistry (3)
- *260 Foundations of Organic Chemistry (3)*
- *330 Foundations of Inorganic Chemistry (3)*
  and
- *339 Foundations in Inorganic Chemistry Laboratory (1)*

Rationale: A&S is changing several of their Chemistry courses, so TCE departments are updating their courses and programs that were impacted by the changes in Chemistry courses. Impact on other units: None. Financial impact: None.

MATERIALS SCIENCE AND ENGINEERING

REVISE REQUIREMENTS

Requirements for the Bachelor of Science in Materials Science and Engineering
(Footnote 2)

[2] Chosen from ECE 301; BCMB 230; BIOL 160*, BIOL 168*; BME 409; CBE 475; ~~CHEM 350~~; EF 333; ME 321; any MSE course; NE 483, NE 484; other 300- or 400-level science or engineering courses as approved by academic advisor and department head.

Rationale: A&S is changing several of their Chemistry courses, so TCE departments are updating their courses and programs that were impacted by the changes in Chemistry courses. Impact on other units: None. Financial impact: None.

REVISE REQUIREMENTS

Requirements for the Bachelor of Science in Materials Science and Engineering - Nanomaterials Concentration
(Footnote 2)

[2] Chosen from ~~CHEM 473~~; MSE 421, MSE 466, MSE 474; PHYS 411. Credit for other courses that address processing, structure, properties, or behavior of nanomaterials may be substituted by permission of academic advisor and department head.

Rationale: A&S is changing several of their Chemistry courses, so TCE departments are updating their courses and programs that were impacted by the changes in Chemistry courses. Impact on other units: None. Financial impact: None.

MECHANICAL, AEROSPACE, AND BIOMEDICAL ENGINEERING

REVISE REQUIREMENTS

Requirements for the Bachelor of Science in Biomedical Engineering
(Footnote 4)

[4] Biomedical Engineering Elective: Restricted to any 300-500 biomedical engineering course not required for the degree or CHEM 260 ~~CHEM 350~~ or CHEM 268 ~~CHEM 358~~, CHEM 360 or CHEM 368.

Rationale: A&S is changing several of their Chemistry courses, so TCE departments are updating their courses and programs that were impacted by the changes in Chemistry courses. Impact on other units: None. Financial impact: None.

NUCLEAR ENGINEERING

REVISE REQUIREMENTS

Requirements for the Bachelor of Science in Nuclear Engineering – Radiological Engineering Concentration

(Footnote 2)

[2] Technical electives are selected from upper-division mathematics, chemistry, physics, and engineering courses and must be preapproved by the department. Courses in Nuclear Engineering, other than 500, 502 and 598, may also be used as technical electives. Pre-medical, pre-veterinary, and pre-dentistry students must also take CHEM 260, ~~CHEM 350~~, CHEM 360 and CHEM 369.

Rationale: A&S is changing several of their Chemistry courses, so TCE departments are updating their courses and programs that were impacted by the changes in Chemistry courses. Impact on other units: None. Financial impact: None.

COLLEGE OF NURSING
All changes effective fall 2017

(No Consent Agenda Items)

COLLEGE OF SOCIAL WORK
All changes effective fall 2017

TEXT AND PROGRAM CHANGES

SOCIAL WORK

REVISE TEXT

Five-Year BSSW/MSSW Program

All students in the BSSW Honors Program are eligible, but not required, to apply for conditional admission to the Five-Year BSSW/MSSW Program. Eligibility to apply for the Five-Year BSSW/MSSW Program is restricted to social work majors who have also been accepted into the BSSW Honor's Program.

The process of seeking conditional admission to the Five-year BSSW/MSSW Program begins in the spring semester of the junior/third year of undergraduate study. Students seeking conditional admission to the Five-Year BSSW/MSSW Program must submit the Five-Year BSSW/MSSW Program Application Packet either in person or electronically to the BSSW Program Director or his/her designee by **April 1st** of their junior/third year of undergraduate study.

~~The College of Social Work offers Social Work Honors Program students an opportunity to earn both a BSSW and an MSSW in five years. All students in the Social Work Honors Program can apply for conditional admission to the BSSW/MSSW Five-Year Program during or immediately following their third year of undergraduate study at UT.~~

Additionally, in order to be considered for conditional admission students must: ~~To be considered for conditional admission to the BSSW/MSSW Five-Year Program students must:~~

- ~~Be a declared social work major and accepted into the Social Work Honors Program~~
- Have a minimum overall GPA of 3.5;
- Have completed or will have completed 60 hours of coursework which includes the following required social work courses: SOWK 200 or SOWK 207, SOWK 250*, SOWK 312, SOWK 313, SOWK 315, SOWK 317*, SOWK 318, and SOWK 380 by the end of their junior/third year of undergraduate study; and
- Complete a personal interview with the BSSW Program Director or his/her designee. Personal interviews will typically occur after the April 1st BSSW/MSSW Program Application Packet deadline and before May 1st during the junior/third year of undergraduate study. Immediately following the personal interview, the BSSW Program Director or his/her designee will notify students, in writing, of their conditional admission status.

In the Five-Year BSSW/MSSW Program Application Packet, students will specify their preference for program location (Knoxville or Nashville campus or Online) and for the full-time or part-time (2 year) program. Students will also be asked to identify their preference for the Evidence-based Interpersonal Practice or Organizational Leadership specialization. Although the MSSW Admissions Committee will do its best to match students with their preferences, there is no guarantee a student will receive their preference once fully admitted.

Conditional admission to the Five-Year BSSW/MSSW Program does not guarantee admission into either the Graduate School or the MSSW program. Starting in **October** but **NO LATER than December 1st** of their senior/fourth year of undergraduate study, students must:

- Apply for admission to the Graduate School (http://gradschool.utk.edu/admissions/applying-to-graduate-school);
- Submit the MSSW professional statement (submitted online with application); and
- Submit three reference evaluation forms (submitted online with application):
  - One reference shall be from the BSSW Program Director or his/her designee;
  - One reference shall be from any previous or current social work field instructor, liaison, or coordinator affiliated with the UT College of Social Work BSSW Program; and

- One reference shall be from any previous or current faculty member or course instructor from the University of Tennessee, Knoxville.

Students will be fully admitted to the Five-Year BSSW/MSSW Program only after they have been accepted by both the Graduate School and MSSW program. The College of Social Work will notify students of their official admission to the Five-Year BSSW/MSSW Program and Graduate School early in the spring semester of their senior/fourth year.

A candidate will be fully admitted if they:

- Maintained a minimum overall 3.5 GPA;
- Earned a B+ or higher in all required Social Work Field Practice courses (SW 380, SW 480, and SW 481) for the BSSW Program;
- Met all requirements for the BSSW Honor's Program; and
- Met all degree requirements for the BSSW.

Upon graduation from the BSSW Program, the BSSW Program Director or his/her designee will provide written verification to the MSSW program that all admission requirements for the Five-Year BSSW/MSSW program have been met.

Once fully admitted, students are required to complete the summer semester and specialization year (Fall and Spring semesters) of the MSSW program. Graduate hours required for the Five-Year BSSW/MSSW program total 37 credit hours. Students who enroll in a 500-level course for undergraduate credit and applied to the BSSW degree, may not apply the course credit towards the MSSW degree. The requirements for the MSSW degree may be found in the Graduate Catalog in the College of Social Work section. Students are ineligible for graduate assistantships until they satisfy all requirements for the BSSW degree.

~~Students will be informed about the outcome of their application for conditional admission prior to the beginning of their fourth or final year of undergraduate study. Conditional admission into the BSSW/MSSW Five-Year Program does not guarantee acceptance into either the Graduate School or the MSSW Program. Students who have been admitted conditionally to the BSSW/MSSW Five-Year Program must apply for admission to the Graduate School and the MSSW Program during their fourth or final year of undergraduate study following the standard application procedure for graduate students. Students will be fully admitted to the BSSW/MSSW Five-Year Program only after they have been accepted by both the Graduate School and by the MSSW Program. Upon graduation from the BSSW Program, if a candidate has maintained a minimum GPA of 3.5 and has met all the requirements of the BSSW degree, an official letter from the BSSW Program Director will be sent to the MSSW Admissions Committee requesting that the student be fully admitted into the MSSW program. Once fully admitted to the MSSW Program, BSSW/MSSW Five-Year Program students are required to complete the summer semester and concentration year (Fall and Spring semesters) of the MSSW program. Social Work Honors students who enroll in a 500-level course for Undergraduate credit and applied to the BSSW degree, may not apply the course credit towards the MSSW degree. The requirements for the MSSW degree may be found in the Graduate Catalog in the College of Social Work section. Students are ineligible for graduate assistantships until they satisfy all requirements for the BSSW degree. A student may enroll in the Social Work Honors program without participating in the Five-Year BSSW/MSSW Program.~~

OTHER

HOWARD H. BAKER JR. CENTER FOR PUBLIC POLICY
All changes effective fall 2017

TEXT AND PROGRAM CHANGES

REVISE REQUIREMENTS

Public Policy Analytics Minor

Minor Requirements
The minor consists of six courses (17-19 hours, depending on course selection) beyond the required pre-minor coursework below. Of these six courses, no more than two may also be used toward meeting curricular requirements for the student's major or another minor. That is, at least four courses counting for this minor must be above and beyond those counting for the major or another minor.

Required Courses:
Select Two Courses from One of the Following Tracks:
Foreign Policy**
- WGS 370 ~~WOST 370~~ – Gender and Globalization.

Rationale: Clarify text to prevent misunderstanding. Change WOST 370 to WGS 370 due department name from Women's Studies to Women, Gender, and Sexuality. Impact on other units: None. Financial impact: None.

FIRST YEAR STUDIES
All changes effective fall 2017

COURSE CHANGES

REMOVE GRADING RESTRICTION

FYS 401 Peer Mentor Techniques (1)
Formerly: Grading Restriction: Satisfactory/No Credit grading only.

FYS 402 Peer Mentor Practicum (1)
Formerly: Grading Restriction: Satisfactory/No Credit grading only.

Rationale: Presently, the FYS Peer Mentor program consists of two courses; FYS 401: Peer Mentor Techniques and FYS 402: Peer Mentor Practicum. In both courses, students obtain only credit and a grade of S or NC. The wide range of satisfactory performance has hindered the program coordinator's ability to motivate and hold students to the highest standards we aim to attain in this experiential student learning program. We propose a change to the grading restrictions in the course to adopt a traditional A-F grading format. Justifications for this change include the increased curriculum requirements and precedent of similar course experiences on campus. Since the program's inception curriculum for this course has been heightened to include exposure to scholarly journals/articles, participation in deep learning discussion, exploration of self-awareness through the Strength Quest assessment and True Colors, and student responsibility for being highly knowledgeable about all UT student support services. These curricular changes have been supported by the department dedicating resources in the form of a full-time course coordinator (Assistant Director). Precedent for this change exists in the ELPS 350 course which was developed, in part, to support student life mentoring programs such as resident assistants, orientation leaders, ignite team leaders, multicultural mentoring program mentors, and Gamma Chis. Additionally, many academic departments maintain similar course sequences for mentor experiences (e.g. BUAD 401/402). All of these courses utilize an A-F grading schema.

OFFICE OF INFORMATION TECHNOLOGY
All changes effective fall 2017

TEXT AND PROGRAM CHANGES

REVISE TEXT
(on the *About the University* page)

Technology Fee
The Technology Fee is assessed to every student and provides funding for the technological infrastructure of the University. This fee supports a number of basic computing and telecommunications services: central computing and server facilities; on-line documentation and computer-based training courses; student computer labs; software; and student support services. The Office of Information Technology (OIT) administers these funds. ~~. Revenues will provide improved technical resources and services and will be administered by the Office of Information Technology (OIT). Questions may be addressed to the Web Site http://web.utk.edu/~techfee. E-mail may be sent to techfee@utk.edu.~~

Graduate teaching, research assistants, teaching associates, and fellowship students, who may have a waiver of fees (tuition and/or maintenance), must pay the appropriate Technology Fee.

The Technology Fee is mandatory and may be refunded on the same percentage scale as maintenance and tuition charges.

Additional information about the Technology Fee is available online or by emailing techfee@utk.edu.

Office of Information Technology
The Office of Information Technology (OIT) provides students, faculty, and staff with technology resources available at the University of Tennessee, Knoxville. Information about these resources is ~~available~~ on the OIT website, http://oit.utk.edu.

Email is the official form of communication between the University and students. Students are responsible, regardless of forwarding, to ensure email communication is properly received ~~make sure their email information is correct~~.

OIT HelpDesk: Telephone HelpDesk and Walk-in HelpDesk
The HelpDesk is the central point of contact for technology resources managed by OIT. There are multiple ways to get help ~~assistance~~ from the OIT HelpDesk:

- Phone: 865-974-9900, available 24/7 when the University is open.
- Walk-In: Commons at Hodges Library. Hours of operation http://oit.utk.edu/helpdesk/hours.
- OIT Knowledge Base: http://oit.utk.edu/helpdesk/kb.
- Online: http://help.utk.edu.
- ~~The Telephone Helpdesk is available 24/7 by calling 865-974-9900.~~
- ~~The Walk-In HelpDesk provides face-to-face consulting in the Commons at Hodges Library. Hours of operation are available online at http://oit.utk.edu/helpdesk/hours.~~
- ~~Quickly troubleshoot your technology problems online with the HelpDesk Knowledgebase, http://oit.utk.edu/helpdesk/kb.~~
- ~~Contact us online at http://help.utk.edu.~~

OIT Research Computing Support
517 Greve, http://oit.utk.edu/research

Our mission is to help UT students, faculty and staff use computing and analytic methods. The software we support includes Amos, Arc GIS, ATLAS.ti, ImageJ, ~~LabVIEW, Maple~~, Mathematice, MATLAB, NVivo, R, Qualtrics, SPSS, SAS, WordStat, Enterprise Miner, and Text Miner. RCS consultants can help you with determining sample sizes, designing surveys and deploying them on web pages, scanning and scoring Scantron forms, acquiring and managing data, analyzing or mining data, text, and images, visualizing data through interactive or presentation graphics, and interpreting the results. We offer comprehensive statistical consulting as well as expert support for qualitative analysis. Free assistance ~~Assistance~~ is available by appointment via the Help Desk at 974-9900 or by walk-in at 517 Greve. Details, including scheduling, are available online. ~~For details including schedule, see http://oit.utk.edu/research~~.

~~**Online@UT (Blackboard Learn) and LiveOnline@UT (Blackboard Collaborate)**~~
~~http://online.utk.edu, http://liveonline.utk.edu~~
~~Online@UT is the UT branded name for the Blackboard Learn course management system software. Online@UT (Blackboard Learn) provides a secure *anytime, anywhere* learning environment for course content. Students can access course materials, check grades, participate in online discussions, submit assignments, take online tests, and communicate with instructors and classmates. LiveOnline@UT is the UT branded name for the Blackboard Collaborate web conferencing software. As an online collaboration platform, LiveOnline@UT (Blackboard Collaborate) provides students with live, interactive learning experiences through audio and video conversations.~~

Online@UT (Canvas) and LiveOnline@UT (Zoom)
http://online.utk.edu, http://liveonline.utk.edu
Online@UT is the UT branded name for the Canvas Learning Management System. Online@UT (Canvas) provides a secure *anytime, anywhere* online student learning environment. Students can access course materials, check grades, participate in online discussions, submit assignments, take online tests, and communicate with instructors and classmates via personal computer and mobile device. LiveOnline@UT is the UT branded name for the Zoom web conferencing software. As an online collaboration platform, LiveOnline@UT (Zoom) provides students with live, interactive learning experiences through audio and video conversations.

Rationale: Add clarification and update the list of software supported by OIT. Impact on other units: Minimal. Financial impact: None.

OFFICE OF THE UNIVERSITY REGISTRAR
All changes effective fall 2017

Courses Not Taught in Four Years
The following recommendations are made by the University Registrar in cooperation with the corresponding departments and colleges to archive or drop courses that have not been taught in four or more years.

COURSE CHANGES

COLLEGE OF ARTS AND SCIENCES

ANTHROPOLOGY
(ANTH) Anthropology

ARCHIVE

ANTH 481 Museum Studies I: Museums, Purpose and Function (3)

SCHOOL OF ART

ARCHIVE

ART 481 Museum Studies I: Museums, Purpose and Function (3)
ARTC 434 Advanced 4D Arts II (6)

Rationale: These courses have not been taught in four years or more, but the departments want to preserve the courses and have asked to archive them.

ECOLOGY AND EVOLUTIONARY BIOLOGY
(EEB) Ecology and Evolutionary Biology

DROP

EEB 463 Plant Ecophysiology (4)

Rationale: This course has not been taught in four or more years, and the department and college have agreed to drop it.

GEOLOGY
(GEOL) Geology

DROP

GEOL 473 Principles of Near-Surface Geophysics (3)

Rationale: This course has not been taught in four or more years, and the department and college have agreed to drop it.

INTERDISCIPLINARY PROGRAMS
(LING) Linguistics

DROP

LING 436 History of the German Language (3)

Rationale: This course has not been taught in four or more years, and the department and college have agreed to drop it.

MODERN FOREIGN LANGUAGES AND LITERATURES
(GERM) German

DROP

GERM 436 History of the German Language (3)

Rationale: This course has not been taught in four or more years, and the department and college have agreed to drop it.

COLLEGE OF ENGINEERING

(ECE) Electrical and Computer Engineering

DROP

ECE 495 Senior Seminar (1)

Rationale: This course has not been taught in four or more years, and the department and college have agreed to drop it.

INDEPENDENT UNITS
ROTC

DROP

(AFAS) Airforce Aerospace Studies
AFAS 205 Field Training (Academic Program) (1-4)

Rationale: This course has not been taught in four or more years, and the department has agreed to drop it.

TEXT AND PROGRAM CHANGES

COLLEGE OF AGRICULTURAL SCIENCES AND NATURAL RESOURCES

REVISE REQUIREMENTS

PLANT SCIENCES

Requirements for the Bachelor of Science in Plant Sciences – Plant Sciences Major – Horticulture Science and Production Concentration

Term 5		
Select from: BCMB 321; BIOL 260-BIOL 269; FORS 414; EEB 330, EEB 413, EEB 414, EEB 424~~, EEB 463~~; GEOG 439; PLSC 438	3-4	Any CASNR course with grade of C or better
[2]Cultures and Civilizations Elective*	3	Any two Arts and Humanities*, Cultures and Civilizations*, Quantitative Reasoning*, or Social Sciences* Electives
ENGL 295* or ENGL 360*	3	
EPP 313 or EPP 321 or EPP 410	3	
[4]PLSC 220 or PLSC 230	3	

REVISE REQUIREMENTS

Requirements for the Bachelor of Science in Plant Sciences – Plant Sciences Major – Organic Production Concentration

Term 5		
Select from: BCMB 321; BIOL 260-BIOL 269; FORS	3-4	Any CASNR course with grade of C or better

414; EEB 330, EEB 413, EEB 414, EEB 424~~, EEB 463~~; GEOG 439		
ESS 334	3	Any two Arts and Humanities*, Cultures and Civilizations*, Quantitative Reasoning*, or Social Sciences* Electives
Select from: PLSC 220, PLSC 221, PLSC 250*, PLSC 331, PLSC 410*, PLSC 430, PLSC 435, PLSC 452, PLSC 453, PLSC 457, PLSC 491*, PLSC 499	6	

REVISE REQUIREMENTS

Plant Sciences Major – Public Horticulture Concentration (uTrack Requirements)
(Footnote 4)

[4] Directed electives are courses that generally support and enhance a student's academic goals. These multidisciplinary courses were chosen to provide students the opportunity to develop basic and advanced skills beyond Plant Science's core requirements. The Plant Sciences Undergraduate Program Committee periodically reviews this list to identify appropriate courses for each concentration. If students believe that a course not on the list would meet this objective, they may propose this to their academic advisor to review before the start of the semester in which the student wishes to take the course. Additionally, all components of the Entrepreneurship and Business Administration minors are acceptable, and some classes within the Entomology and Plant Pathology minor are acceptable. ALEC 240*, ALEC 340; AREC 212, AREC 342, AREC 442; ARTD 451, ARTD 452*; BUAD 103; DSGN 130*, DSGN 430; ECON 331; EF 130, EF 400; ENT 350, ENT 410, ENT 415, ENT 420, ENT 425, ENT 451, ENT 460; MARK 462; ME 457; MUSC 305; RCS 411, RCS 412. Chosen from any 300-level and above from Environmental and Soil Sciences; Forestry; and ACCT 200, ACCT 207; AGNR 291, AGNR 292; ~~ART 481;~~ ALEC 345; EDPY 210*; EEB 309, EEB 330, EEB 433; ENGL 295*, ENGL 360*; EPP 201*, EPP 410, EPP 411, EPP 425, EPP 493; FINC 300; MARK 300; MGT 201, MGT 300; PBRL 270; PHIL 346*; RSM 201.

REVISE REQUIREMENTS

Requirements for the Bachelor of Science in Plant Sciences – Plant Sciences Major – Turfgrass Science and Management Concentration

Term 7		
Select from: BCMB 321; BIOL 260-BIOL 269; FORS 414; EEB 330, EEB 413, EEB 414, EEB 424~~, EEB 463~~; GEOG 439	3-4	Apply to graduate
[5]Directed Electives	7-8	
[4]Unrestricted Elective	1	

Rationale: These courses have not been taught in four or more years, and the departments and college have agreed to drop them.

COLLEGE OF ARTS AND SCIENCES

School of Art

REVISE REQUIREMENTS

Art Major, BA
II. Major (30 hours)
B. Select 15 hours 300-400 level studio courses
Four-Dimensional Arts
- ~~ARTC 434 - Advanced 4D Arts II~~

Studio Art Major, BFA – Four-Dimensional Arts Concentration
II. Concentration – Four-Dimensional Arts
B. Select 20 hours (300-400 level concentration courses)
Four-Dimensional Arts (Film, Video, and Performance)
- ~~ARTC 434 - Advanced 4D Arts II~~

C. Select 18 hours (200-400 level studio electives)
Four-Dimensional Arts
- ~~ARTC 434 - Advanced 4D Arts II~~

Studio Art Major, BFA – Two-Dimensional Arts Concentration
II. Concentration – Two-Dimensional Arts
C. Select 18 hours (200-400 level studio electives)
Four-Dimensional Arts
- ~~ARTC 434 - Advanced 4D Arts II~~

Studio Art Minor
Required Courses
Four-Dimensional Arts list

- ~~ARTC 434 - Advanced 4D Arts II~~

Rationale: To remove courses that haven't been taught in four years or more and are being archived.

DIVISION OF BIOLOGY

REVISE REQUIREMENTS

Biological Sciences Major, BS – Ecology and Evolutionary Biology Concentration
II. Upper-Division Courses

- ~~EEB 463 - Plant Ecophysiology ^~~

Rationale: To remove courses that are being dropped.

INTERDISCIPLINARY PROGRAMS
Cinema Studies

REVISE REQUIREMENTS

Cinema Studies Concentration, BA (Interdisciplinary Programs Major)
Complete 21 additional hours
Production

- ~~ARTC 434 - Advanced 4D Arts II~~

Linguistics

REVISE REQUIREMENTS

Interdisciplinary Programs Major – Linguistics Concentration
Select 9 hours (in consultation with a linguistics advisor)

- ~~LING 436 - History of the German Language~~

Linguistics Minor
Select 6 hours (in consultation with advisor)

- ~~LING 436 - History of the German Language~~

Rationale: To remove courses that are being dropped.

MODERN FOREIGN LANGUAGES AND LITERATURES

REVISE REQUIREMENTS

Modern Foreign Languages and Literatures Major – German Language and Literature Concentration
Language and Literature Concentration
Select 21 hours

- ~~GERM 436 - History of the German Language~~

Modern Foreign Languages and Literatures Major – German Studies Concentration
Select one history course

- ~~GERM 436 - History of the German Language~~

Select two additional courses

- ~~GERM 436 - History of the German Language~~

Modern Foreign Languages and Literatures Major – Language and World Business/German Concentration
I. Language Requirement: German – 27 hours
C. Select three courses

- ~~GERM 436 - History of the German Language~~

Rationale: To remove course that is being dropped.

MAIN AGENDA

COLLEGE OF AGRICULTURAL SCIENCES AND NATURAL RESOURCES
All changes effective fall 2017

COURSE CHANGES

INTERDEPARTMENTAL
(AGNR) Agricultural and Natural Resources

REVISE REGISTRATION RESTRICTION(S)

AGNR 480 How to Feed the World (3)
Registration Restriction(S): Junior, Senior or Graduate Student status
Formerly: Junior or Senior status

Rationale: In 2016, the inaugural year of the course, several graduate students from at least two colleges (CASNR and Architecture and Design) indicated in 2016 a desire to take the course because it relates to their major and/or they have a special interest in international studies; two are taking it despite it not being offered for graduate credit. Having graduate students in the course benefits the undergraduate students as they learn from higher-level peers while graduate students benefit from developing their leadership and communication skills as they lead discussions. Impact on other units: Negligible. Financial impact: None, the anticipated few additional students (<10 per year) can be handled within the existing instructional support.

DEPARTMENT OF AGRICULTURAL LEADERSHIP, EDUCATION, AND COMMUNICATIONS
(ALEC) Agricultural Leadership, Education, and Communications

Program Learning Outcomes for a BS in Agriculture:
1. Students will demonstrate the ability to utilize a variety of teaching strategies.
2. Students will demonstrate the ability to communicate through written scholarly work and formal oral presentations.
3. Students will demonstrate leadership activities which impact a community.

ADD

ALEC 330 Introduction to Agricultural Communications (3) Understand the role of agricultural communicators. Explore elements of written, visual, and digital communication methods to interact with agricultural audiences.

Rationale: Identified as course of need in a national agricultural communications programs of study evaluation; expected enrollment: 20-40 and will primarily be comprised of communication majors. Impact on other units: Negligible. Financial impact: None.
This supports Program Learning Outcome 2 for BS in Agriculture.

ALEC 410 Ethical Leadership in Agriculture (3) Analysis of theories, models, and practices of ethical decision-making and leadership through agriculture contexts.

Rationale: Ethical decision-making was identified by the National Research Council as a transferrable 21st century skill that needs to be further developed at the undergraduate level; expected enrollment: 20-40 and will primarily be comprised of leadership minors and majors. Impact on other units: None. Financial impact: None.
Does not support any program learning outcomes.

ALEC 442 Layout and Design (3) Explore elements of desktop layout and visual design principles to develop effective communication material for agricultural audiences.
(RE) Prerequisite(s): 330

Rationale: Identified as course of need in a national agricultural communications programs of study evaluation; expected enrollment: 15-30 and will primarily be comprised of communication majors. Impact on other units: Negligible. Financial impact: None.
This supports Program Learning Outcome 2 for BS in Agriculture.

DEPARTMENT OF BIOSYSTEMS ENGINEERING AND SOIL SCIENCES

Program Learning Outcomes for the BS in Biosystems Engineering:
1. An ability to apply basic mathematics, science, and engineering science, including especially how those are related to biological systems
2. An ability to apply common engineering tools, including problem formulation, design, and data collection and analysis
3. An ability to perform in the non-technical aspects required of engineers, including communications and working in teams
4. A demonstrated understanding of how engineers fits into the broader society, including ethical behavior and lifelong learning responsibilities.

Program Learning Outcomes for Biosystems Engineering Technology:
Not applicable, no undergraduate degree program exists

Program Learning Outcomes for the BS in Environmental and Soil Sciences:
1. Demonstrate competency in appropriate discipline areas in environmental and soil sciences
2. Demonstrate an ability to perform in other aspects required of scientists, including communications and working in teams
3. Demonstrate understanding and appreciation of global and societal issues and how they relate to the environment

4. Demonstrate the ability to analyze and interpret data

(BSE) Biosystems Engineering

ADD

$ BSE 400 Design Project 1 (2) With BSE402, this course comprises the biosystems engineering two-semester project sequence, in which student teams must tackle a stated problem, designing, building, and testing a prototype to determine success at meeting client performance criteria. This culminates the curriculum with a major design experience based on knowledge and skills acquired in earlier coursework and incorporating engineering standards and multiple realistic constraints. Includes development of a major design proposal, including engineering analyses, extensive documentation, and a culminating group presentation.
(RE) Prerequisite(s): Three of 411 or 417, 416 or 418 or Civil Engineering 495 or 498, 431 or 437, 451 or 457
(RE) Corequisite(s): 400 and 444

Rationale: Based on faculty and Program Advisory Council (PAC) input, the decision was made to change the flow of material in the Senior Design sequence so as to consolidate all first-semester design project activities in one of the courses (BSE401 Senior Design Project I) and all other material in the other (BSE404 Engineering Project Management). Doing this requires moving the technical public speaking aspects of BSE401 into BSE404, requiring new OC approval for 404 and removal of the OC designation and replacement of 401. Since the GenEd Committee refused to give permission to simply remove the OC designation from 401, 401 must be dropped and replaced with BSE400. Impact on other units: None; these courses are strictly limited to BSE seniors. Response to assessment: based on faculty and PAC desires to consolidate the project activity in 401. Financial impact: none. SLO addressed by this course: A) An ability to apply basic mathematics, science, and engineering science, including especially how those are related to biological systems; B) An ability to apply common engineering tools, including problem formulation, design, and data collection and analysis; C) An ability to perform in the non-technical aspects required of engineers, including communications and working in teams; D) A demonstrated understanding of how engineers fits into the broader society, including ethical behavior and lifelong learning responsibilities. SLO metrics associated with this course: None. Expected enrollment: 20.

DROP

$ ✳ BSE 401 Biosystems Engineering Design I (2)(OC)

Rationale: Based on faculty and Program Advisory Council (PAC) input, the decision was made to change the flow of material in the Senior Design sequence so as to consolidate all design project activities in one of the courses and all other material in the other. Doing this requires moving the technical public speaking aspects out of BSE401 into the other course (BSE404), requiring new OC approval for 404. Since the GenEd Committee refused to give permission to simply remove the OC designation from 401, this must be dropped and replaced with BSE400 (see below). The proposal for OC designation for 404 has been submitted to the OC Committee. Impact on other units: None; these courses are strictly limited to BSE seniors. Response to assessment: based on faculty and PAC desires to consolidate the project activity in 401. Financial impact: none

Course Equivalency Table for Course Fee Allocation and Repeat/Replace Purposes

Current Course Biosystems Engineering (BSE)	Equivalent Course Effective Fall 2017 Biosystems Engineering (BSE)
401	400

REVISE COURSE TITLE AND (RE) PREREQUISITE(S)

BSE 402 Design Project II (3)
(RE) Prerequisite(s): 400 and 404 and 444
Formerly: BSE 402 Biosystems Engineering Design Project II (3)
(RE) Prerequisite(s): 401 and 404 and 444

Rationale: Based on faculty and Program Advisory Council (PAC) input, the decision was made to change the flow of material in the Senior Design sequence so as to consolidate all design project activities in one of the courses and all other material in the other. Doing this requires moving the technical public speaking aspects out of BSE 401 into the other course (BSE 404), requiring new OC approval for 404. Since the GenEd Committee refused to give permission to simply remove the OC designation from 401, 401 must be dropped and replaced with BSE 400 (see below in Main Agenda). Since 400 must also now have a new title, this title is being changed to match. Impact on other units: None; these courses are strictly limited to BSE seniors. Response to assessment: based on faculty and PAC desires to consolidate the project activity in 401. Financial impact: none

REVISE COURSE DESCRIPTION

✳ BSE 404 Engineering Project Management (3) Fundamentals and theory of engineering design and engineering project management, ethical and legal responsibilities in biosystems engineering, incorporation of economic considerations in engineering design, individual professional development, and multiple oral presentations of technical information related to the senior design project.
Satisfies General Education Requirement: (OC)
Formerly: Fundamentals and theory of engineering design and engineering project management, use of computerized project management tools, ethical and legal responsibilities and contemporary issues in biosystems engineering, incorporation of economic considerations in engineering design, individual professional and portfolio development.

Rationale: Based on faculty and Program Advisory Council (PAC) input, the decision was made to change the flow of material in the Senior Design sequence so as to consolidate all design project activities in one of the courses (BSE 401 Senior Design Project I) and all other material in the other (BSE 404 Engineering Project Management). Doing this requires moving the technical public speaking aspects of BSE 401 into BSE 404, requiring new OC approval for 404 and removal of the OC designation for 401. Since all seniors are required to take these classes in parallel, this will not affect students receiving the OC credit. This proposal is in the process of being submitted to the OC Committee. Impact on other units: None; these courses are strictly limited to BSE seniors. Response to assessment: based on faculty and PAC desires to consolidate the project activity in 401. Financial impact: none. SLO addressed by this course: A) An ability to apply basic mathematics, science, and engineering science, including especially how those are related to biological systems; B) An ability to apply common engineering tools, including problem formulation, design, and data collection and analysis; C) An ability to perform in the non-technical aspects required of engineers, including communications and working in teams; D) A demonstrated understanding of how engineers fits into the broader society, including ethical behavior and lifelong learning responsibilities. SLO metrics associated with this course: None.

(BSET) Biosystems Engineering Technology

Program Learning Outcomes: Not applicable, no undergraduate degree program exists

ADD

BSET 430 Construction Field Operations (3) Introduction to construction field operations and project organization. Integrates project management with field supervision, emphasizing the requirements normally associated with on-site commercial construction activities. Special attention will be given in areas of stakeholders, recordkeeping, mobilization, closeout, equipment, implementation tools, communication, safety compliance, and field office function.
(RE) Prerequisite(s): 335

Rationale: To fulfill a course requirement newly stipulated in 2016 by the American Council of Construction Education (ACCE) accrediting body which is this concentration's pending accrediting agency. Recommended to be added to the curriculum by the Construction Science Industry Advisory Board. Learning Outcome(s): 1.The student at the completion of the course will be able to correctly identify and list the standard protocol associated with mobilization of a construction project. 2. The student at the completion of the course will be able to describe the submittal process and he parties associated with compliance. Impact on other units: None; students will be those enrolled in Construction Science program and currently not enrolled in another CASNR course. Expected enrollment: 25. Response to assessment: in response to accreditation requirements and industry assessment feedback. Financial impact: none – self-supporting through industry financial support.

(ESS) Environmental and Soil Sciences

ADD

✳ **ESS 110 Energy for the World (3)** Energy is one of the basic units of our physical world, and its availability strongly defines a populace's standard of living. Debates over the risks related to fracking, mining, nuclear power, hydroelectric dams, wind farms, solar farms, burning fossil fuels and implications for climate change will be weighed against the need to deliver power to an increasing human population. In this course we will investigate how energy is derived from all the available technologies: from coal to tidal. This will include the full aspect of energy consumption including: infrastructure, mining, energy storage, energy delivery, and waste disposal. As we discuss various countries and how they derive their energy, we will see that the proportion and the total amount of energy generated by the various technologies differ dramatically. Lastly we will discuss the inherent conflict generally between energy producers (generating self-wealth) and those downstream of the energy production (enduring poor environmental conditions), and how this conflict is becoming intergenerational.
Satisfies General Education Requirement: (NS)

Rationale: A general science class on energy and power is becoming increasingly available at Universities across the country. At UT, a somewhat similar course (HSP 288 – Energy in the Modern World) is taught, but it is required of and only available to the 30 or so Haslam Scholars per year. This proposed course would deliver a similar class offering to the other 5,000 or so undergraduate students per year. Impact on other units: none anticipated. Financial impact: None - using faculty time released from teaching another course being merged. Response to assessment: NA. SLOs addressed by course: NA (designed to meet Gen Ed NS SLOs).

DEPARTMENT OF ENTOMOLOGY AND PLANT PATHOLOGY
(EPP) Entomology and Plant Pathology

ADD

EPP 499R Undergraduate Research (1-3)
Experience in research projects under supervision of staff members. Student should make arrangements for research project with instructor prior to enrollment.
Repeatability: May be repeated. Maximum 12 hours.
Registration Permission: Consent of instructor.

Rationale: The R-subcommittee approved this course for an R-designation. Impact on other units: None. Financial impact: None, the R-designated version will only be taught as long as there is no negative financial impact.

DEPARTMENT OF FOOD SCIENCE

(FDSC) Food Science
Formerly: Food Science and Technology (FDST)

Learning outcomes for the BS in Food Science
1. Apply critical thinking skills to new situations
2. Demonstrate critical thinking, creativity, and effective communication.
3. Integrate interdisciplinary knowledge to devise a systematic approach to address food industry-related problems or situations.
4. Identify the conditions under which the important pathogens are commonly inactivated, killed or made harmless in foods.
5. Demonstrate the use and practice of different levels of oral and written communication skills.
6. Apply and evaluate practices of food processing and principles of engineering to efficiently preserve, or add value to, food products while maintaining food safety and quality.

DROP

$ FDST 100 Science of Food (3)
✳ FDST 150 History and Culture of Food (3)
FDST 201 Professional Development (1)

Rationale: These courses are being dropped and added back using a new departmental prefix that results from renaming the department and major. Impact on other units: None. Financial impact: None.

$ FDST 240 Field Observations in Food Processing (3)

Rationale: This course was created many years ago when the department had low numbers of undergraduate students who had little opportunity to visit food processing facilities. The course is limited to 10 students per offering, and the departmental enrollment has simply outgrown the utility of the course. Further, it is increasingly difficult to schedule meaningful plant visits within distances allowable during the class meeting time. Cost and demands on faculty time also play a role. The course is not required by any concentrations within the major. Impact on other units: None. The course is restricted to Food Science majors. Financial impact: None, other than a reduced burden on the departmental budget.

$ FDST 241 Food Preservation and Packaging (3)
$ FDST 269 Meat Evaluation and Grading (2)
FDST 390 Food Laws and Regulations (3)

Rationale: These courses are being dropped and added back using a new departmental prefix that results from renaming the department and major. Impact on other units: None. Financial impact: None.

FDST 401 Professional Food Science Communication (1)

Rationale: Concepts taught in this course will be covered in FDSC 201 Professional Development and other courses, particularly our introductory course (FDST 100). Additionally, we will take advantage of services provided by Career Services, both by having Career Services staff provide guest presentations and by encouraging students to seek assistance from Career Services. Impact on other units: None. Financial impact: None.

$ FDST 410 Food Chemistry (3)
$ FDST 415 Food Analysis (4)
$ FDST 418 Honors: Food Chemistry (3)
FDST 419 Food Chemistry Lab (1)
FDST 421 Food Microbiology (3)
FDST 428 Honors: Food Microbiology (3)
$ FDST 429 Food Microbiology Lab (2)
$ FDST 430 Sensory Evaluation of Food (3)
$FDST 441 Food Engineering (3)
$ FDST 442 Special Topics in Food Science and Technology (1-3)
$ FDST 445 Applied Food Science (3)
FDST 461 Fresh Meats (3)
$ FDST 462 Manufactured Meat Technology (3)
$ FDST 490 Food Product Development (3)
FDST 493 Practical Experience in Food Science and Technology (1-12)
FDST 495 Quality Assurance and Sanitation Practices (3)
FDST 499 Undergraduate Research in Food Science (1-3)

Rationale: These courses are being dropped and added back using a new departmental prefix that results from renaming the department and major. Impact on other units: None. Financial impact: None.

ADD

FDSC 100 Science of Food (3) Introduction to food science, basic principles of food science.

✳ **FDSC 150 History and Culture of Food (3)** Impact of people and historical events on the production, distribution, and consumption patterns of food. The role of food as an indicator of cultural, societal, and historical changes around the world. Major technological advances in food processing and their impact on the globalization of the food supply.
Satisfies General Education Requirement: (CC)
Contact Hour Distribution: 3 hours lecture.

FDSC 201 Professional Development (1) Professional development expectations and opportunities. Individual written and oral reports. Group discussions on careers and food companies.
Registration Restriction(s): Minimum student level — sophomore.

FDSC 241 Food Preservation and Packaging (3) Principles, methods, and equipment used for preservation of foods.
Contact Hour Distribution: 2 hours lecture and 1 lab.

FDSC 269 Meat Evaluation and Grading (2) Grading standards for quality and yield. Principles for evaluating beef, pork and lamb. Application of standards for institutional meat cuts. Practice grading and judging carcasses and cuts. Application of purchase specifications.

$ FDSC 341 Food Engineering (3) Units and dimensions, physical properties, transport processes, fluid flow, heat transfer, thermal and nonthermal preservation processes, refrigeration, freezing, evaporation, psychrometrics, mass transfer, membrane separations, and dehydration.
Contact Hour Distribution: 2 hours and one 2-hour lab.

FDSC 361 Fresh Meats (3) Basic principles in the conversion of muscle to meat and the factors that contribute to the utilization and marketing of quality fresh meat products.

$ FDSC 362 Manufactured Meat Technology (3) Basic principles of manufacturing value-added meat products.

FDSC 390 Food Laws and Regulations (3) A comprehensive examination of the laws and regulations designed to preserve the safety, wholesomeness, and nutritional quality of the United States food supply, and the agencies that enforce them.
Comment(s): Core courses in food science will serve as an essential basis for understanding of material covered in this course.

FDSC 410 Food Chemistry (3) Reactions of water, proteins, lipids, carbohydrates, minerals, enzymes, vitamins, and additives in foods.
(RE) Prerequisite(s): Chemistry 110 or 350.

FDSC 415 Food Analysis (4) Principles, methods, and techniques for qualitative and quantitative analyses of composition and physical, chemical, and biological properties of food and food ingredients.
Contact Hour Distribution: 3 hours and one 2-hour lab.
(RE) Prerequisite(s): Chemistry 110 or 350.

FDSC 418 Honors: Food Chemistry (3) Reactions of water, proteins, lipids, carbohydrates, minerals, enzymes, vitamins, and additives in foods.
(RE) Prerequisite(s): Chemistry 110 or 350.

FDSC 419 Food Chemistry Lab (1) Interaction of water, proteins, lipids, carbohydrates, minerals, enzymes, vitamins, and additives in foods and methods of evaluation of chemical properties of foods.
Contact Hour Distribution: One 2-hour lab.
(RE) Corequisite(s): 410.

FDSC 421 Food Microbiology (3) Physical, chemical, and environmental factors moderating growth and survival of foodborne microorganisms. Pathogenic and spoilage microorganisms affecting quality of foods and their control.
(Same as Microbiology 421.)
(RE) Prerequisite(s): Microbiology 210 or Biology 220 and 229.

FDSC 428 Honors: Food Microbiology (3) Physical, chemical, and environmental factors moderating growth and survival of foodborne microorganisms. Pathogenic and spoilage microorganisms affecting quality of foods and their control.
(RE) Prerequisite(s): Microbiology 210 or Biology 220 and 229.

FDSC 429 Food Microbiology Lab (2) Methods for examination, enumeration, cultivation, and identification of foodborne microorganisms.
(RE) Corequisite(s): 421.

FDSC 430 Sensory Evaluation of Food (3) Principles and procedures of sensory evaluation of food, methods of test analyses, physiological, psychological, and environmental factors affecting sensory perception.
Contact Hour Distribution: 2 hours and 1 lab.
Recommended Background: A statistics course.

FDSC 442 Special Topics In Food Science (1-3) Topics of current concern to the food industry.
Repeatability: May be repeated. Maximum 9 hours.

FDSC 445 Applied Food Science (3) Interactions and functions of dairy, egg, cereal, and other plant based ingredients during the production and storage of processed food products.
Contact Hour Distribution: 2 hours lecture and 1 lab.
(RE) Prerequisite(s): 100, 241, or consent of instructor; and Food Chemistry (FDSC 410) and Food Microbiology (FDSC 421).

FDSC 490 Food Product Development (3) Food Science capstone course. Application of principles of food chemistry, food processing and engineering, food microbiology, food laws and regulations, sensory evaluation, and statistics in the development of a food product concept.
Contact Hour Distribution: 2 hours and one 3-hour lab.
(RE) Prerequisite(s): 241, 390, 410 or 418, and 421 or 428.
(RE) Corequisite(s): 430.
Registration Restriction(s): Only open to food science majors with science concentrations. Minimum student level – senior.

FDSC 493 Practical Experience in Food Science (1-12) Field experience in supervised internship in the food industry or relevant supervised experience in food science laboratory-related work. Students may not receive credit for FDSC 493 for paid work in the Department of Food Science. Pay for food industry internships is permissible and at the discretion of the industry sponsor.
Repeatability: May be repeated. Maximum 12 hours.

FDSC 495 Quality Assurance and Sanitation Practices (3) Design and evaluation of an industrial food processing operation to produce safe and high quality food products. Introduction to Good Manufacturing Practices (GMP) and Hazard Analysis and Critical Control Point (HACCP) Programs.
(RE) Prerequisite(s): 410 or 418; and 421 or 428.
Registration Restriction(s): Minimum student level — senior.

FDSC 499 Undergraduate Research in Food Science (1-3) Experience in research projects under supervision of staff members. Student should make arrangements for research project with instructor prior to enrollment.
Repeatability: May be repeated. Maximum 12 hours.
Registration Permission: Consent of instructor.

Rationale: These courses are being added using a new departmental prefix (FDSC) that results from renaming the department and major, and these replace courses offered under the former prefix (FDST). Impact on other units: None. Appropriate catalog changes and equivalency tables will alleviate any issues with course numbers/names. Financial impact: None.

COURSE EQUIVALENCY TABLE

Former Prefix/Course Number	Equivalent New Prefix/Course Number
$FDST 100	$FDSC 100
FDST 150*	FDSC 150*
FDST 201	FDSC 201
$FDST 240	None
$FDST 241	$FDSC 241
$FDST 269	$FDSC 269
FDST 390	FDSC 390
FDST 401	None
$FDST 410	$FDSC 410
$FDST 415	$FDSC 415
$FDST 418	$FDSC 418
FDST 419	FDSC 419
FDST 421	FDSC 421
FDST 428	FDSC 428
$FDST 429	$FDSC 429
$FDST 430	$FDSC 430
$FDST 441	$FDSC 341
$FDST 442	$FDSC 442
$FDST 445	$FDSC 445
FDST 461	FDSC 361
$FDST 462	$FDSC 362
$FDST 490	$FDSC 490
FDST 493	FDSC 493
FDST 495	FDSC 495
FDST 499	FDSC 499

DEPARTMENT OF FORESTRY, WILDLIFE, AND FISHERIES

Learning Objectives for the B.S. in Forestry
1. Students will demonstrate knowledge and understanding of forestry in one of the four concentrations.
2. Students can apply forest and land management techniques presented in the curriculum.
3. Students will develop a depth of professional knowledge, the ability to problem solve, and critical thinking skills comparable to other professional forestry programs.

Learning Objectives for the B.S. in Wildlife and Fisheries Science
1. Students will demonstrate knowledge and understanding of wildlife and fisheries science in one of the two concentrations.
2. Students can apply wildlife and fisheries science techniques presented in the curriculum.
3. Students will develop a depth of professional knowledge, the ability to problem solve, and critical thinking skills comparable to other professional wildlife and fisheries science programs

(WFS) Wildlife and Fisheries Science

ADD

WFS 441 Stream Ecology (3) This course focuses on freshwater riverine ecology. Emphasis is placed on the stream environment and associated fauna, and the interrelationships therein. Upon completion, students should be able to identify habitat features, selected freshwater invertebrates and fishes, and demonstrate ecological knowledge.
Registration Restriction(s): Forestry or Wildlife and Fisheries majors.

Rationale: The course is being offered to prepare WFS students in freshwater fisheries. EEB no longer offers a course in aquatic ecology. The proposed course is designed to fill that void. Added to curriculum based on results of assessment activities – student exit interviews and employer feedback. Will aid in achieving learning objectives 1 & 3. Impact on other units: None - will not compete with any existing courses since no similar course exists. Expected enrollment 12-15. Financial impact: None – course has been taught as a special topics course for three years as part of instructor's responsibilities.
Support from assessment activities: Added to curriculum based on results of assessment activities including student exit interviews and employer feedback. This program supports learning outcomes 1 & 3.

DEPARTMENT OF PLANT SCIENCES
(PLSC) Plant Sciences

Program Learner Outcomes for a BS in Plant Sciences
1. Verbally express and demonstrate plant sciences knowledge and skills
2. Demonstrate thorough subject-based knowledge in their professional discipline
3. Demonstrate professional engagement in plant sciences

ADD

$ PLSC 311 Landscape Construction and Management (3) Practical experience in implementation of landscape projects and understanding the profession, art, science, and business of landscape management. Course will cover methods of design, materials, and techniques used when implementing typical construction components within the landscape industry, as well as contracting, site ecological considerations, and estimating.
Contact Hour Distribution: 2 hours and 1 lab.
(RE) Prerequisite(s): 210 or consent of instructor.

Rationale: This class is a combination of PLSC 360 and 370 which is being combined due to loss of instructor for PLSC 370. Enrollment is expected to be around 20 students. This class will contribute to PLSC learner outcome #2 "Demonstrate thorough subject-based knowledge in their professional discipline." This change will only impact PLSC students, and because it is an elective course it will not impact departmental assessments.

EQUIVALENCY TABLE for Purpose of Maintaining Course Fees and Repeat/Replace on Transcripts

Current Courses Plant Sciences (PLSC)	Equivalent Courses Effective Fall 2017 Plant Sciences (PLSC)
$PLSC 360 Practicum in Landscape Construction	$PLSC 311 Landscape Construction and Management

DROP

$ PLSC 360 Practicum in Landscape Construction (3)

Rationale: Will be combined with another course. Impact on other units: none. Financial impact. None

PLSC 370 Grounds Maintenance (3)

Rationale: Will be combined with another course. Impact on other units: none. Financial impact. None

TEXT AND PROGRAM CHANGES

College of Agricultural Sciences and Natural Resources
(Main college page)

REVISE TEXT

Majors, Concentrations, and Departments

- Food science ~~and technology~~ with concentrations in pre-pharmacy, pre-professional, science, and technology (Department of Food Science ~~and Technology~~).

The Department of Entomology and Plant Pathology offers undergraduate courses in support of the above majors and an undergraduate minor. It does not offer an undergraduate major.

The professional degree program in biosystems engineering receives strong support from the Tickle College of Engineering and is accredited by the Engineering Accreditation Commission of ABET, http://www.abet.org. The forest resources management and wildland recreation concentrations are fully accredited by the Society of American Foresters. The food science ~~and technology~~ program maintains the professional standards as established by the Institute of Food Technologists. The agricultural education concentration meets state of Tennessee teacher education standards and is NCATE accredited.

A pre-veterinary medicine curriculum is offered in the college. This program is designed to prepare students for admission to the College of Veterinary Medicine located on the Knoxville campus. The pre-professional program in food science ~~and technology~~ allows students to be awarded a Bachelor of Science in Food Science after three years of undergraduate work and upon successful completion of the first year at UT Health Science Center in Memphis dental, medical, or pharmacy programs, or at the University of Tennessee, Knoxville, College of Veterinary Medicine.

Graduate Studies
The College of Agricultural Sciences and Natural Resources faculty participates in both Master of Science and doctoral graduate student education and training. Master of Science study is available from all academic departments. Graduate programs leading to the Doctor of Philosophy degree in animal sciences; biosystems engineering; food science ~~and technology~~; natural resources; and plants, soil~~s~~, and environmental sciences ~~insects~~ are available.

Minors and Departments

- Food Science Minor (Department of Food Science ~~and Technology~~)
- ~~Food Technology Minor (Department of Food Science and Technology)~~

Academic Programs

Food Science ~~and Technology~~
Go to information for Food Science ~~and Technology~~
Display programs for Food Science ~~and Technology~~
Display courses for Food Science ~~and Technology~~

Rationale: To update the names of departments. Impact on other units: None. Financial Impact: None.

ADD TEXT
(Main college page, after Readmitted Students and before VolsTeach Program)

PEACE CORPS PREP PROGRAM

The Peace Corps Prep (PCP) program combines academic coursework with external training/experience to give undergraduate students the qualifications and skill-set to be strong candidates for entering the U.S. Peace Corps after graduation. Students in the program must complete a set of courses which may be used to satisfy requirements or electives in many UT majors and minors. The program also includes training/experience in a specific sector, such as agriculture or environmental sciences, designed to develop professional and leadership skills. (link to webpage with requirements) The PCP program is open to all undergraduate UT students regardless of major, provided they meet the admissions requirements for the program. Students should apply for admission to the program as early as possible, and no later than one year before they expect to complete their UT undergraduate degree. For more information, please visit the Peace Corps page of Center for International Education website or contact the Peace Corps Prep Program coordinator. (link to CIE website where coordinator will be listed)

Note: Inclusion of the Peace Corps Prep Program information will be conditional pending approval of the Peace Corps Prep Program proposal by the Peace Corps, with a decision expected February 2017.

REVISE REQUIREMENTS

Requirements for the Agricultural Sciences and Natural Resources Exploratory Major

Term 2		
AGNR 292	1	One general education elective*
[2]Arts and Humanities Elective*	3	
[1]Biological Sciences Electives*	4-5	
ENGL 102*	3	
[3] FDSC ~~FDST~~ 150*	3	
PYED Elective	1	

Rationale: To update the name of department. Impact on other units: None. Financial Impact: None.

REVISE REQUIREMENTS

International Agriculture and Natural Resources Minor

Minor Requirements

The minor consists of **15 hours**, and includes five 3-hour courses from four categories. The majority of credit hours must be 300 or 400 level. Some of the classes listed may have prerequisites.

Category 2 – Experience and Preparedness in International Agriculture and Natural Resources
- ~~ASST 242 – Intermediate Modern Hebrew II*~~

Category 3 – Food, Agricultural and Natural Resources Courses with an International Focus
- ESS 227 – Honors: Waters and Civilizations*
- FDSC ~~FDST~~ 150 – History and Culture of Food*
- GEOL 208 – Honors: Earth as an Ecosystem: Modern Problems and Solutions
- REST 101 – World Religions in History

Category 4 – Capstone in International Agriculture and Natural Resources
- ~~AGNR 481 – Special Topics in Agriculture and Natural Resources[7]~~

Notes:
~~[7] This is an independent study arranged between a student and faculty member from any CASNR department. Independent study topics must focus on international agriculture and natural resources and be pre-approved by the CASNR Student International Experiences Coordinator.~~

INTERDEPARTMENTAL

REVISE REQUIREMENTS

Watershed Minor

Science/Engineering
- ESS 434 – Environmental Soil Chemistry

Policy/Cultures/Society
Select 3 hours:
- AREC 270 – Economic Perspectives on Natural Resource and Environmental Issues
- AREC 314 – Environmental Law
- AREC 333 – Agricultural Conservation Policy

DEPARTMENT OF AGRICULTURAL AND RESOURCE ECONOMICS

(AREC) Agricultural and Resource Economics

REVISE REQUIREMENTS

Requirements for the Bachelor of Science in Agricultural and Resource Economics – Food and Agricultural Business Major

Term 1	Hours	Milestone Notes
AREC 110	1	One general education elective*
[1]Natural ~~Biological~~ Sciences Elective*	3-4	
[2]Cultures and Civilizations Elective*	3	
ENGL 101* or ENGL 118*	3	
MATH 123*	3	
Term 3		
ACCT 200 or ACCT 207	3	ENGL 101*
PSYC 110*, PSYC 117*, POLS 102*, SOCI 120*, or SOCI 127*	3	
ECON 213*	3	
CMST 210*, CMST 217, CMST 240*, or CMST 247* or ALEC 240*	3	
[1] [3]Natural ~~Physical~~ Sciences Electives*	3-4	
Term 4		
AGNR 291, AGNR 292	2	AREC 201* or ECON 211* or ECON 213*
AREC 212	3	
FDSC ~~FDST~~ 100 or FDSC ~~FDST~~ 150*	3	

[1] [3] Natural ~~Physical~~ Sciences Elective*	3-4	
STAT 201* or STAT 207*	3	
Term 5		
Written Communication (WC) Course	3	AREC 212
AREC 310	1	MATH 119 or MATH 123* or MATH 125*
ECON 311	3	
[3] AREC Electives	3	
[2] Arts and Humanities Elective*	3	
Nondepartmental CASNR Elective	3	
Term 7		
Any upper-division course in College of Business	3	Apply to graduate
AREC 410, AREC 412	4	
[3] [4] AREC Electives	3	
Nondepartmental CASNR Elective	3	
AREC 492 or AREC 499 or AGNR 491	3	
Term 8		
AREC 442	3	No milestones
[3] [4] AREC Electives	3	
[4] [5] Unrestricted Electives	7-10 ~~8~~	
TOTAL	**120**	

[1] Chosen from University General Education list. At least one must be a lab course. No more than two may be CASNR courses. ~~BIOL 101*, BIOL 102*, BIOL 113*, BIOL 114* and BIOL 115*~~

[2] Chosen from the University General Education list.

[3] ~~Chosen from CHEM 100*, CHEM 110*, CHEM 120*, CHEM 130*; ESS 210; GEOG 131*, GEOG 132*; GEOL 101*, GEOL 102*, GEOL 103*.~~

[3] [4] Any 300-level or 400-level AREC courses. A maximum of three credit hours can be used from each of the following courses: AREC 356, AREC 492, AREC 493, and AREC 499.

[4] [5] Any courses not already required for the major.

REVISE REQUIREMENTS

Requirements for the Bachelor of Science in Agricultural and Resource Economics – Food and Agricultural Business Major – Agricultural Production and Technology Management Concentration

Term 1	Hours	Milestone Notes
AREC 110	1	One general education elective*
[1] Natural ~~Biological~~ Sciences Elective~~s~~*	3-4	
[1] Cultures and Civilizations Elective*	3	
ENGL 101* or ENGL 118*	3	
MATH 123*	3	
Term 3		
ACCT 200 or ACCT 207	3	ENGL 101*
PSYC 110*, PSYC 117*, POLS 102*, SOCI 120*, or SOCI 127*	3	
ECON 213*	3	
CMST 210*, CMST 217, CMST 240*, or CMST 247* or ALEC 240*	3	
[1] Natural Sciences Elective* ~~ESS 210*~~	3-4	
Term 4		
AGNR 291, AGNR 292	2	ECON 211* or ECON 213*
AREC 212	3	
FDSC ~~FDST~~ 100 or FDSC ~~FDST~~ 150*	3	
[4] Nondepartmental CASNR Elective* ~~[3] Physical Sciences~~	3 ~~4~~	
STAT 201* or STAT 207*	3	
Term 5		
Written Communication (WC) Course	3	AREC 212
AREC 310	1	MATH 119 or MATH 123* or MATH 125*
ECON 311	3	
[3] AREC Electives	2-3	
[1] Arts and Humanities Elective*	3	
ANSC 160 or ANSC 280	2	
Term 8		

AREC 442	3	No milestones
[4 5]Nondepartmental CASNR Electives	3 ~~6~~	
[5 6]Unrestricted Electives	9-11 ~~4-5~~	
TOTAL	**120**	

[1] Chosen from University General Education list, but cannot be a CASNR course. ~~BIOL 101*, BIOL 102*, BIOL 113* BIOL 114* BIOL 115*~~

[2] Chosen from the University General Education list.

[3] ~~Chosen from CHEM 100*, CHEM 110*, CHEM 120*, CHEM 130*; ESS 210; GEOG 131*, GEOG 132*; GEOL 101*, GEOL 102*, GEOL 103*.~~

[3 4] Any 300-level or 400-level AREC courses. A maximum of three credit hours can be used from each of the following courses: AREC 356, AREC 492, AREC 493, and AREC 499.

[4 5] Chosen from the following areas: ANSC, BSET, EPP, ESS, PLSC. Students who wish to concentrate their electives in either animal agriculture or crop agriculture should consult their advisor for guidance on recommended courses.

[5 6] Any course not already required for the major.

REVISE REQUIREMENTS

Requirements for the Bachelor of Science in Agricultural and Resource Economics • Food and Agricultural Business Major • Finance and Risk Management Concentration (Business Administration Minor)

Term 1	Hours	Milestone Notes
AREC 110	1	One general education elective*
[1] Natural ~~Biological~~Sciences Elective~~s~~*	3-4	
[2]Cultures and Civilizations Elective*	3	
ENGL 101* or ENGL 118*	3	
MATH 123*	3	
Term 3		
ACCT 200 or ACCT 207	3	ENGL 101*
PSYC 110*, PSYC 117*, POLS 102*, SOCI 120*, or SOCI 127*	3	
ECON 213*	3	
CMST 210*, CMST 217, CMST 240*, or CMST 247* or ALEC 240*	3	
[1 3] Natural ~~Physical~~ Sciences Elective~~s~~*	3-4	
Term 4		
AGNR 291, AGNR 292	2	ECON 211* or ECON 213*
AREC 212	3	
FDSC ~~FDST~~ 100 or FDSC ~~FDST~~ 150*	3	
MGT 201	3	
[1 3] Natural ~~Physical~~ Sciences Elective~~s~~*	3-4	
STAT 201* or STAT 207*	3	
Term 8		
AREC 442	3	No milestones
Nondepartmental CASNR Elective	3	
[2]Arts & Humanities Elective	6	
[3 4]Unrestricted Elective	2-5	
TOTAL	**120**	

[1] Chosen from University General Education list. At least one must be a lab course. No more than two may be CASNR courses. ~~BIOL 101*, BIOL 102*, BIOL 113*, BIOL 114*, BIOL 115*~~

[2] Chosen from the University General Education list.

[3] ~~Chosen from CHEM 100*, CHEM 110*, CHEM 120*, CHEM 130*; ESS 210; GEOG 131*, GEOG 132*; GEOL 101*, GEOL 102*, GEOL 103*.~~

[3 4] Any courses not already required for the major.

REVISE REQUIREMENTS

Requirements for the Bachelor of Science in Agricultural and Resource Economics – Food and Agricultural Business Major – Food Industry Management Concentration (Business Administration Minor)

Term 1	Hours	Milestone Notes
AREC 110	1	One general education elective*
[1]Natural ~~Biological~~ Sciences Elective~~s~~*	3-4	
[2]Cultures and Civilizations Elective*	3	
ENGL 101* or ENGL 118*	3	
MATH 123*	3	
Term 3		

ACCT 200 or ACCT 207	3	ENGL 101*
PSYC 110*, PSYC 117*, POLS 102*, SOCI 120*, or SOCI 127*	3	
ECON 213*	3	
CMST 210*, CMST 217, CMST 240*, or CMST 247* or ALEC 240*	3	
[1] [3]Natural ~~Physical~~ Sciences Electives*	3-4	
Term 4		
AGNR 291, AGNR 292	2	ECON 211* or ECON 213*
AREC 212	3	
FDSC ~~FDST~~ 100 or FDSC ~~FDST~~ 150*	3	
MGT 201	3	
[1] [3]Natural ~~Physical~~ Sciences Electives*	3-4	
STAT 201* or STAT 207*	3	
Term 5		
Written Communication (WC) Course	3	AREC 212
AREC 310	1	MATH 119 or MATH 123* or MATH 125*
ECON 311	3	
[3]AREC Elective	2-3	
FDSC ~~FDST~~ 390	3	
MGT 300	3	
Term 8		
AREC 442, AREC 443	6	No milestones
Nondepartmental CASNR or Hotel, Restaurant, and Tourism Elective	3	
[4]Unrestricted Elective	2-6 ~~2-3~~	
TOTAL	**120**	

[1] Chosen from University General Education list. At least one must be a lab course. No more than two may be CASNR courses ~~BIOL 101*, BIOL 102*, BIOL 113*, BIOL 114*, BIOL 115*~~.

[2] Chosen from the University General Education list.

[3] Any 300-level or 400-level AREC courses. ~~Chosen from CHEM 100*, CHEM 110*, CHEM 120*, CHEM 130*; ESS 210; GEOG 131*, GEOG 132*; GEOL 101*, GEOL 102*, GEOL 103*.~~

[4] A maximum of three credit hours can be used from each of the following courses: AREC 356, AREC 492, AREC 493, and AREC 499

[4] Any courses not already required for the major.

REVISE REQUIREMENTS

Requirements for the Bachelor of Science in Agricultural and Resource Economics – Food and Agricultural Business Major – Law and Policy Concentration

Term 1	Hours	Milestone Notes
AREC 110	1	One general education elective*
[1]Natural ~~Biological~~ Sciences Electives*	3-4	
[2] [1]Cultures and Civilizations Elective*	3	
ENGL 101* or ENGL 118*	3	
MATH 123*	3	
Term 2		
[2] [1]Cultures and Civilizations Elective*	3	One additional general education elective*
ENGL 102*	3	
MATH 125*	3	
NUTR 100 *	3	
ECON 211*	3	
Term 3		
ACCT 200 or ACCT 207	3	ENGL 101*
POLS 101 * or POLS 102*	3	
ECON 213*	3	
CMST 210*, CMST 217, CMST 240*, or CMST 247* or ALEC 240*	3	
[1] [3]Natural~~Physical~~ Sciences Electives*	3-4	
Term 4		
AGNR 291, AGNR 292	2	ECON 211* or ECON 213*
AREC 212	3	

FDSC ~~FDST~~ 100 or FDSC ~~FDST~~ 150*	3	
[1] [3] Natural ~~Physical~~Sciences Electives*	3-4	
STAT 201* or STAT 207*	3	
Term 5		
Written Communication (WC) Course	3	AREC 212
AREC 310	1	MATH 119 or MATH 123* or MATH 125*
ECON 311	3	
Select two of the following courses: AREC 313, AREC 314, BULW 301	4	
[2] [4] Arts and Humanities Elective*	3	
Nondepartmental CASNR Elective	3	
Term 6		
AREC 324, AREC 342, AREC 350	9	ACCT 200
[2] [4] Arts and Humanities Elective*	3	300-level AREC Elective
Nondepartmental CASNR Elective	3	
Term 7		
AREC 410, AREC 412	4	Apply to graduate
Select two of the following courses: AREC 331, AREC 332, AREC 333	4	
AREC 492 or AREC 499 or AGNR 491	3	
[3] [4] Law/Policy Directed Electives	3	
Term 8		
AREC 442	3	No milestones
[3] [4] Law/Policy Directed Electives	2-3	
[4] [5] AREC Electives	2-3	
[5] [6] Unrestricted Electives	5-10 ~~7~~	
TOTAL	**120**	

[1] Chosen from University General Education list. At least one must be a lab course. No more than two may be CASNR courses. ~~BIOL 101*, BIOL 102*, BIOL 113*, BIOL 114*, BIOL 115*~~

[2] Chosen from the University General Education list.

[3] ~~Chosen from CHEM 100*, CHEM 110*, CHEM 120*, CHEM 130*; ESS 210; GEOG 131*, GEOG 132*; GEOL 101*, GEOL 102*, GEOL 103*.~~

[3] [4] Select two courses from the following: AREC 420, AREC 445, AREC 470, AREC 472; ECON 333, ECON 362, ECON 471, ECON 472; FDSC ~~FDST~~ 390; POLS 240, POLS 311.

[4] [5] Any 300-level or 400 level AREC courses. A maximum of three credit hours can be used from each of the following courses: AREC 356, AREC 492, AREC 493, and AREC 499.

[5] [6] Any courses not already required for the major.

REVISE REQUIREMENTS

Food and Agricultural Business Minor

Minor Requirements
Select 6 hours:

- any 300-level or 400-level Agricultural and Resource Economics courses

REVISE REQUIREMENTS

Requirements for the Bachelor of Science in Agricultural and Resource Economics – Natural Resource and Environmental Economics Major

Term 1	Hours	Milestone Notes
AREC 110	1	One general education elective*
[1] Natural ~~Biological~~ Sciences Electives*	3-4	
ENGL 101* or ENGL 118*	3	
ESS 120*	3	
MATH 123*	3	
Term 3		
ACCT 200 or ACCT 207	3	ENGL 101*
PSYC 110*, PSYC 117*, POLS 102*, SOCI 120*, or SOCI 127*	3	
ECON 213*	3	
CMST 210*, CMST 217, CMST 240*, or CMST 247*	3	
[1] [2] Natural ~~Physical~~ Science Electives*	3-4	

Term 4		
AGNR 291, AGNR 292	2	ECON 211* or ECON 213*
AREC 270	3	
[2] [3] Arts and Humanities Elective*	3	
[1] Natural Sciences Elective* ~~ESS 210~~	3-4	
STAT 201* or STAT 207*	3	
Term 5		
AREC 310, AREC 314	3	AREC 212
ECON 311, ECON 362	6	MATH 119 or MATH 123* or MATH 125*
[2] Arts and Humanities Elective*	3	
PHIL 346*	3	
Term 6		
AREC 324	3	ACCT 200
AREC 342 or AREC 350	3	300-level AREC elective
BSET 326 or GEOG 411	3	
[4] [3] Directed Electives	6	
Term 7		
AREC 333, AREC 410, AREC 445, AREC 472	8	Apply to graduate
AREC 492 or AREC 499 or AGNR 491	3	
[4] [3] Directed Elective	3	
Term 8		
AREC 470	3	No milestones
[4] [3] Directed Electives	4-6	
ECON 463	3	
[6] [4] Unrestricted Electives	4-~~6~~9	
TOTAL	**120**	

[1] Chosen from ~~BIOL 101*, BIOL 102*, BIOL 113* BIOL 114* BIOL 115*.~~ University General Education list. No more than one may be a CASNR course.

[2] ~~Chosen from CHEM 100*, CHEM 110*, CHEM 120*, CHEM 128*, CHEM 130*, CHEM 138*; GEOG 131*, GEOG 132*, GEOG 137*; GEOL 101*, GEOL 102*, GEOL 103*, GEOL 107*, GEOL 108*.~~

[3] Chosen from the University General Education list.

[4] Chosen from any 300-level or 400-level AREC course, ECON 361, ECON 471; ESS 424, ESS 462; FORS 314, FORS 321*, FORS 420, FORS 422; FWF 420; GEOG 340, GEOG 345, GEOG 436, or SOCI 360. A maximum of three credit hours can be used from each of the following courses: AREC 356, AREC 492 and AREC 493.

[5] ~~A maximum of three credit hours can be used from each of the following courses: AREC 356, AREC 492 and AREC 493.~~

[6] Any courses not already required for the major.

REVISE REQUIREMENTS

Natural Resource and Environmental Economics Minor

Minor Requirements
Complete:

- AREC 470 – Policy Analysis for Environmental and Natural Resource Management **or**
- AREC 472 – Natural Resource Economics

Select one course:

- ~~AREC 470 - Policy Analysis for Environmental and Natural Resource Management~~
- ~~AREC 472 - Natural Resource Economics~~

Rationale: The changes in the Natural Sciences requirement are intended to provide more flexibility for students to choose science courses that align with their interests and career goals, as well as to reduce the need for substitutions for students who transfer into an AREC major after having taken science courses. The restriction that AREC electives be upper-division courses is intended to insure that majors and minors meet the minimum percentage requirements for upper-division course work. The revision in the NREE minor corrects an error in in the document that went forward last year from CASNR to the UTK UG Council (that actually resulted in an inconsistency between the total number of hours required and the specific course requirements). Impact on other units: None. Financial impact: None.

ADD PROGRAM

Food and Agricultural Business Major, BS in Agricultural and Resource Economics – Five-Year BS/MS in Agricultural and Resource Economics-Agricultural Economics
The Department of Agricultural And Resource Economics offers an accelerated 5-year Bachelors of Science and Masters of Science (BS-MS) Program for qualified students. Students obtain a BS degree in Agricultural and Resource Economics with a major in Food and Agricultural Business or Natural Resource and Environmental Economics in seven semesters by completing 120 credit

hours, including 9 hours of graduate courses that count towards both the BS degree and the MS degree. Students then go on to obtain a thesis-based MS degree in Agricultural and Resource Economics (Agricultural Economics Concentration or Natural Resource Economics Concentration) in three semesters and one summer, completing an additional 22 credit hours of graduate work. Students are typically considered for conditional admission to the BS-MS Program during the third year of undergraduate studies at The University of Tennessee. The MS Program requires that a student complete a thesis project of original research. Therefore, a student is required to start developing a thesis research project in consultation with a thesis advisory committee immediately following their third year of undergraduate studies.

Students seeking admission into the Program must meet the following BS-MS Program requirements:

1. The applicant must have declared a major in Food and Agricultural Business or Natural Resource and Environmental Economics.
2. The applicant must have a minimum GPA of 3.25.
3. The applicant must have completed MS Graduate Program prerequisites MATH 125, STAT 201 or STAT 207, ECON 311, and AREC 324 with a B or better in each course before taking graduate courses as an undergraduate.
4. The applicant must have completed at least 90 hours of coursework toward a BS degree with a major in Food and Agricultural Business or Natural Resource and Environmental Economics.
5. The applicant must ask for three letters of recommendation to be sent directly from the letter writer to the Director of Graduate Studies in Agricultural and Resource Economics.
6. The applicant must complete an interview with the members of the Undergraduate and Graduate Committees in the Department of Agricultural and Resource Economics.
7. The applicant must obtain a commitment from a faculty member in Agricultural and Resource Economics to serve as their major professor and at least two other faculty members to serve on their thesis advisory committee. The major professor serves as mentor and advisor for the MS degree portion of the Program.

Besides the aforementioned BS-MS Program requirements, the department may consider other factors such as applicant maturity and work experience before conditionally admitting a student to the BS-MS Program. Conditional admission of a student into the BS-MS Program must be approved by both the Department of Agricultural and Resource Economics and the Graduate School. Applicants are informed of the admission decision before the beginning of the fourth year of their BS.

Any course taken for graduate credit before satisfying all of the requirements for the BS degree must be approved by both the Director of Graduate Studies in Agricultural and Resource Economics and the Graduate School. The courses must be identified in advance, in consultation with the undergraduate advisor, proposed major professor, and thesis advisory committee members. The form “Agricultural and Resource Economics Conditional Admission 5 Year BS-MS” is available from the Graduate Director and must be completed, signed by the student and the Graduate Director before submitting to the Graduate School for approval and processing. The University of Tennessee, Knoxville Senior Privilege rule imposes a maximum of 9 hours on the number of graduate-level hours that an undergraduate student may complete before completing an undergraduate degree and being formally admitted to the Graduate School. A student who is conditionally admitted to the BS-MS Program completes 9 hours of graduate credit during the student’s fourth year of undergraduate study, and applies those 9 hours to satisfy both BS and MS degree requirements. Conditional admission into the BS-MS Program does not guarantee acceptance into either the Graduate School or the MS Program. Students in the BS-MS Program must apply for admission to the Graduate School and to the MS Program during their fourth year of undergraduate study, following the same procedures that all other student applicants follow. Students will be fully admitted to the MS Program after they have been accepted both by the Graduate School and by the MS Program in Agricultural and Resource Economics. Students will not be eligible for graduate assistantships until they are enrolled as graduate students in the Graduate School.

Requirements for the Bachelor of Science in Agricultural and Resource Economics – Food and Agricultural Business Major – Five-Year BS/MS in Agricultural Resource Economics – Agricultural Economics Program

Term 1	**Hours**	**Milestone Notes**
AREC 110	1	One general education elective*
[1]Natural Sciences Elective*	3-4	
[2]Cultures and Civilizations Elective*	3	
ENGL 101* or ENGL 118*	3	
MATH 125*	3	
PSYC 110*, PSYC 117*, POLS 102*, SOCI 120*, or SOCI 127*	3	
Term 2		
[2]Cultures and Civilizations Elective*	3	One additional general education elective*
AREC 212	3	
ECON 211*	3	
ENGL 102*	3	
MATH 123*	3	
NUTR 100*	3	
Term 3		
ACCT 200 or ACCT 207	3	ENGL 101*
AGNR 291	1	
CMST 210*, CMST 217, CMST 240*, or CMST 247*	3	

or ALEC 240*		
ECON 213*	3	
STAT 201* or STAT 207*	3	
[1]Natural Sciences Elective*	3-4	
AGNR 292	1	
Term 4		
AREC 324, AREC 342, AREC 350	9	ECON 211* or ECON 213*
FDSC 100 or FDSC 150*	3	
[2]Arts and Humanities Elective*	3	
[1]Natural Sciences Elective*	3-4	
Term 5		
AREC 310, AREC 412	4	Complete prerequisites for MS Program: calculus (MATH 125*), statistics (STAT 201* or STAT 207*, AREC 324), and intermediate microeconomics (ECON 311).
ECON 311	3	
[2]Arts and Humanities Elective*	3	
Nondepartmental CASNR Elective	6	
[2]Written Communication (WC) Course*	3	
Term 6		
AREC 442	3	Apply for conditional admission to Graduate Program after completion of at least 90 credit hours. Complete intermediate macroeconomics Graduate Program prerequisite (ECON 313).
AREC Elective (400-level course for graduate credit)	3	
ECON 313	3	
Nondepartmental CASNR Elective	3	
[3]Unrestricted Electives	3-6	
Term 7		
AREC 410	1	Establish graduate advisory committee before completing BS degree and submit Form A: Appointment of MS or PhD Faculty Committee. Identify thesis research project.
AREC 492 or AREC 499 or AGNR 491	3	
AREC 505, AREC 524	6	
[3]Unrestricted Electives	4	
TOTAL	**120**	

* Meets University General Education Requirement.
[1] Chosen from University General Education list. At least one must be a lab course. No more than two may be CASNR courses.
[2] Chosen from the University General Education list.
[3] Any courses not already required for the major.

ADD PROGRAM

Natural Resource and Environmental Economics Major, BS in Agricultural and Resource Economics – Five-Year BS/MS Agricultural and Resource Economics - Natural Resource Economics
The Department of Agricultural And Resource Economics offers an accelerated 5-year Bachelors of Science and Masters of Science (BS-MS) Program for qualified students. Students obtain a BS degree in Agricultural and Resource Economics with a major in Food and Agricultural Business or Natural Resource and Environmental Economics in seven semesters by completing 120 credit hours, including 9 hours of graduate courses that count towards both the BS degree and the MS degree. Students then go on to obtain a thesis-based MS degree in Agricultural and Resource Economics (Agricultural Economics Concentration or Natural Resource Economics Concentration) in three semesters and one summer, completing an additional 22 credit hours of graduate work. Students are typically considered for conditional admission to the BS-MS Program during the third year of undergraduate studies at The University of Tennessee. The MS Program requires that a student complete a thesis project of original research. Therefore, a student is required to start developing a thesis research project in consultation with a thesis advisory committee immediately following their third year of undergraduate studies.

Students seeking admission into the Program must meet the following BS-MS Program requirements:

1. The applicant must have declared a major in Food and Agricultural Business or Natural Resource and Environmental Economics.
2. The applicant must have a minimum GPA of 3.25.
3. The applicant must have completed MS Graduate Program prerequisites MATH 125, STAT 201 or STAT 207, ECON 311, and AREC 324 with a B or better in each course before taking graduate courses as an undergraduate.
4. The applicant must have completed at least 90 hours of coursework toward a BS degree with a major in Food and Agricultural Business or Natural Resource and Environmental Economics.

5. The applicant must ask for three letters of recommendation to be sent directly from the letter writer to the Director of Graduate Studies in Agricultural and Resource Economics.
6. The applicant must complete an interview with the members of the Undergraduate and Graduate Committees in the Department of Agricultural and Resource Economics.
7. The applicant must obtain a commitment from a faculty member in Agricultural and Resource Economics to serve as their major professor and at least two other faculty members to serve on their thesis advisory committee. The major professor serves as mentor and advisor for the MS degree portion of the Program.

Besides the aforementioned BS-MS Program requirements, the department may consider other factors such as applicant maturity and work experience before conditionally admitting a student to the BS-MS Program. Conditional admission of a student into the BS-MS Program must be approved by both the Department of Agricultural and Resource Economics and the Graduate School. Applicants are informed of the admission decision before the beginning of the fourth year of their BS.

Any course taken for graduate credit before satisfying all of the requirements for the BS degree must be approved by both the Director of Graduate Studies in Agricultural and Resource Economics and the Graduate School. The courses must be identified in advance, in consultation with the undergraduate advisor, proposed major professor, and thesis advisory committee members. The form "Agricultural and Resource Economics Conditional Admission 5 Year BS-MS" is available from the Graduate Director and must be completed, signed by the student and the Graduate Director before submitting to the Graduate School for approval and processing. The University of Tennessee, Knoxville Senior Privilege rule imposes a maximum of 9 hours on the number of graduate-level hours that an undergraduate student may complete before completing an undergraduate degree and being formally admitted to the Graduate School. A student who is conditionally admitted to the BS-MS Program completes 9 hours of graduate credit during the student's fourth year of undergraduate study, and applies those 9 hours to satisfy both BS and MS degree requirements. Conditional admission into the BS-MS Program does not guarantee acceptance into either the Graduate School or the MS Program. Students in the BS-MS Program must apply for admission to the Graduate School and to the MS Program during their fourth year of undergraduate study, following the same procedures that all other student applicants follow. Students will be fully admitted to the MS Program after they have been accepted both by the Graduate School and by the MS Program in Agricultural and Resource Economics. Students will not be eligible for graduate assistantships until they are enrolled as graduate students in the Graduate School.

Requirements for the Bachelor of Science in Agricultural and Resource Economics – Natural Resource and Environmental Economics Major – Five-Year BS/MS in Agricultural Resource Economics – Natural Resource Economics

Term 1	Hours	Milestone Notes
AREC 110	1	One general education elective*
[1]Natural Sciences Elective*	3-4	
ENGL 101* or ENGL 118*	3	
ESS 120	3	
MATH 125*	3	
PSYC 110*, PSYC 117*, POLS 102*, SOCI 120*, or SOCI 127*	3	
Term 2		
CMST 210*, CMST 217, CMST 240*, or CMST 247* or ALEC 240*	3	One additional general education elective*
ECON 211*	3	
ENGL 102*	3	
ESS 220*	3	
FWF 250*	3	
MATH 123*	3	
Term 3		
ACCT 200 or ACCT 207	3	ENGL 101*
AGNR 291, AGNR 292	2	
AREC 270	3	
ECON 213*	3	
STAT 201* or STAT 207*	3	
[1]Natural Sciences Elective*	3-4	
Term 4		
AREC 324, AREC 342 or AREC 350	6	ECON 211* or ECON 213*
ECON 362	3	
[1]Natural Sciences Elective*	3-4	
PHIL 346*	3	
[2]Arts and Humanities Elective*	3	
Term 5		
AREC 310, AREC 314, AREC 333, AREC 445	7	Complete prerequisites for MS Program: calculus (MATH 125*), statistics (STAT 201* or STAT 207*, AREC 324), and intermediate microeconomics (ECON 311).
ECON 311	3	

[2]Arts and Humanities Elective*	3	
[3]Directed Electives	5	
Term 6		
AREC 470	3	Apply for conditional admission to Graduate Program after completion of at least 90 credit hours. Complete intermediate macroeconomics Graduate Program prerequisite (ECON 313).
BSET 326 or GEOG 411	3	
ECON 313, ECON 463	6	
[3]Directed Electives	5	
Term 7		
AREC 410	1	Establish graduate advisory committee before completing BS degree and submit Form A: Appointment of MS or PhD Faculty Committee. Identify thesis research project.
AREC 492 or AREC 499 or AGNR 491	3	
AREC 505, AREC 524, AREC 570	9	
[4]Unrestricted Electives	0-3	
TOTAL	**120**	

* Meets University General Education Requirement.
[1] Chosen from University General Education list. At least one must be a lab course. No more than one may be CASNR course.
[2] Chosen from the University General Education list.
[3] Select from any 300-level or 400-level AREC course, ECON 361, ECON 471; ESS 424, ESS 462; FORS 314, FORS 321*, FORS 420, FORS 422; FWF 420; GEOG 340, GEOG 345, GEOG 436, or SOCI 360. A maximum of three credit hours can be used from each of the following courses: AREC 356, AREC 492 and AREC 493.
[4] Any courses not already required for the major.

Rationale: Entice high quality students to continue at the University of Tennessee in Agricultural and Resource Economics at the graduate level. Impact on Other Units: None. Financial Impact: None.

DEPARTMENT OF AGRICULTURAL LEADERSHIP, EDUCATION, AND COMMUNICATIONS

(ALEC) Agricultural Leadership, Education and Communications

REVISE TEXT
(Main department page)

Agricultural Leadership, Education, and Communications

The Agricultural Leadership, Education, and Communications major is designed for students who want a broad, general background in agriculture and wish to develop their leadership and communication skills to pursue careers in business and industry, agricultural education, agricultural extension education, and agricultural communications. ~~The agricultural science concentration is designed for students who want a broad, general background in agriculture and natural resources.~~ The agricultural leadership concentration is designed for students who want to develop their leadership skills and pursue careers in government, youth organizations, business/industry, international environments, and leadership positions within the community. The agricultural education concentration leads to teacher licensure in agricultural sciences in the State of Tennessee. The agricultural extension concentration is designed for those interested in agricultural extension careers. The agricultural communications concentration is designed for those students wanting a background in agriculture while pursuing communication careers in areas such as journalism, electronic media, marketing/management, and broadcasting.

REVISE REQUIREMENTS

Agricultural Leadership Minor

The purpose is to develop transferrable leadership skills that are useful within any agricultural sciences and natural resources career.

Minor Requirements
The minor consists of 18 ~~15~~ **hours**.

Complete:

- ALEC 410 – Ethical Leadership in Agriculture

REVISE TEXT

Agricultural Leadership, Education, and Communications Major, BS in Agriculture – Agricultural Communications Concentration

The Agricultural Leadership, Education, and Communications major is designed for students who want a broad, general background in agriculture and wish to develop their leadership and communication skills to pursue careers in business and industry, agricultural education, agricultural extension education, and agricultural communications. ~~The agricultural science concentration is designed for students who want a broad, general background in agriculture and natural resources.~~ The agricultural leadership concentration is designed for students who want to develop their leadership skills and pursue careers in government, youth organizations, business/industry, international environments, and leadership positions within the community. The agricultural education concentration leads to teacher licensure in agricultural sciences in the State of Tennessee. The agricultural extension concentration is designed for those interested in agricultural extension careers. The agricultural communications concentration is designed for those students wanting a background in agriculture while pursuing communication careers in areas such as journalism, electronic media, marketing/management, and broadcasting.

REVISE REQUIREMENTS

Requirements for the Bachelor of Science in Agriculture – Agricultural Leadership, Education and Communications Major – Agricultural Communications Concentration

Term 1	Hours	Milestone Notes
AGNR 100 or 103 ~~ALEC 101~~	1	2.0 cumulative GPA
ENGL 101* or ENGL 118*	3	
[1]Natural Sciences Electives* ~~[1]Physical Sciences Electives*~~	3 ~~4~~	
Plant Sciences Elective (any PLSC course)	3	
[1] [2]Quantitative Reasoning Elective*	3	
Term 2		
ENGL 102*	3	2.0 cumulative GPA
CCI 150	3	ENGL 101*
JREM 175	3	
[1]Natural Sciences Electives* ~~[1]Physical Science Electives*~~	3 ~~4~~	
[1] [2]Quantitative Reasoning Elective*	3	
Term 3		
~~ACCT 200 or ACCT 207~~	~~3~~	2.0 cumulative GPA
ALEC 240*	3	MATH 113* or higher
[2] [3]AREC 201* or ECON 201* or ECON 207*	4	
[3] [4]Biological Sciences Electives*	4	
FDSC ~~FDST~~ 150*	3	
Term 4		
ADVT 250	3	2.0 cumulative GPA
ALEC 211	3	ENGL 102*
AREC 212	3	
[3] [4]Biological Sciences Electives*	4	
JREM 200*	3	
Term 5		
[4] [5]Agricultural Sciences and Natural Resources Elective	3	2.0 cumulative GPA
ALEC 330	3	
Animal Science Elective (any ANSC course)	2	CCI 150
[1] [2]Arts and Humanities Elective*	3	
JREM 400	3	
JREM 451* or JREM 456*	3	
Term 6		
[4] [5]Agricultural Sciences and Natural Resources Elective	3	2.0 cumulative GPA
ALEC 340	3	JREM 200*
[1] [2]Cultures and Civilizations Elective*	3	
Forestry, Wildlife and Fisheries Elective (any FORS, FWF, or WFS course)	3	
AGNR 180 or 480 ~~Plant Sciences Elective (any PLSC course)~~	3	
Term 7		
ALEC 440*, ALEC 492	9	2.0 cumulative GPA
ALEC 303 or 304	3	
[5] [6]Unrestricted Electives	3 ~~6~~	ALEC 211
Term 8		

ALEC 442	3	
[1] [2] Arts and Humanities Elective*	3	No milestones
ALEC 441	3	
JREM 466	3	
[1,2] [2,3] Social Sciences Elective*	3	
[6] Unrestricted Elective	1	
TOTAL	**120**	

[1] Select two courses (8 hours) from chemistry, physics, geology, ESS 210; GEOG 131*, GEOG 132*, GEOG 137*. CHEM 130* is a corequisite to BIOL 160*. Therefore, students who choose BIOL 150*-BIOL 160*-BIOL 159* should take CHEM 120*-CHEM 130* for their physical science electives. BIOL 113*-BIOL 114*-BIOL 115* has no chemistry requirement.

[1] [2] Chosen from the University General Education list.

[2] [3] AREC 201* (4) or ECON 201* (4) or ECON 207* (4) satisfies the University General Education – Social Science requirement and the major requirement for economics. If the student transfers ECON LD for 3 credits, it will satisfy the major requirement but will not satisfy the General Education – Social Sciences requirement. In these cases, the student should take two courses from the Social Sciences list.

[3] [4] Select sequence (8 hours) from BIOL 101*-BIOL 102*, BIOL 113*-BIOL 114*-BIOL 115*, BIOL 150*-BIOL 160*-BIOL 159*, or BIOL 158*-BIOL 168*-BIOL 167*. BIOL 160* has a CHEM 130* corequisite, so students who choose BIOL 150*-BIOL 160*-BIOL 159* should take CHEM 120*-CHEM 130* for their physical science electives. BIOL 113*-BIOL 114*-BIOL 115* has no chemistry requirement.

[4] [5] The Agricultural Sciences and Natural Resources electives may be selected from any courses in the college not already required for the major.

[5] [6] Any courses not already required for the major.

Agricultural Leadership, Education, and Communications Major, BS in Agriculture – Agricultural Education Concentration

REVISE TEXT

The Agricultural Leadership, Education, and Communications major is designed for students who want a broad, general background in agriculture and wish to develop their leadership and communication skills to pursue careers in business and industry, agricultural education, agricultural extension education and agricultural communications. The agricultural science concentration is designed for students who want a broad, general background in agriculture, and natural resources. The agricultural leadership concentration is designed for students who want to develop their leadership skills and pursue careers in government, youth organizations, business/industry, international environments, and leadership positions within the community. The agricultural education concentration leads to teacher licensure in agricultural sciences in the State of Tennessee. The agricultural extension concentration is designed for those interested in agricultural extension careers. The agricultural communications concentration is designed for those students wanting a background in agriculture while pursuing communication careers in areas such as journalism, electronic media, marketing/management, and broadcasting.

REVISE REQUIREMENTS

Requirements for the Bachelor of Science in Agriculture – Agricultural Leadership, Education and Communications Major – Agricultural Education Concentration

Term 1	Hours	Milestone Notes
AGNR 100 or 103 ALEC 101	1	2.5 cumulative GPA
[1]AREC 201* or ECON 201* or ECON 207*	4	
[2]Biological Sciences Electives*	4	
ENGL 101* or ENGL 118*	3	
[3] [4] Quantitative Reasoning Elective*	3	
Term 2		
ALEC 102	3	2.5 cumulative GPA
[2]Biological Sciences Electives*	4	ENGL 101*
EDPY 210*	3	
ENGL 102*	3	
MATH 115*	3	
Term 3		
ALEC 201, ALEC 202	1 [4]	2.5 cumulative GPA
AGNR 180 or 480	3	
ESS 210	4	MATH 113* or higher
[3] Physical Science Electives* CHEM 100 or 120 or 128*	4	
PLSC 21030	3	
Term 4		
ALEC 211	3	2.5 cumulative GPA
ANSC 160	2	ENGL 102*
AREC 212	3	

[3] [4] Arts and Humanities Elective*	3	
PLSC 220 or PLSC 221	3	
Term 5		
ALEC 240*, CMST 210 *, CMST 217 *, CMST 240*, or CMST 247 *	3	2.5 cumulative GPA
[3] [4] Arts and Humanities Elective*	3	ALEC 101
BSET 202	3	
[3] [4] Cultures and Civilizations Elective*	3	
EPP 313 or EPP 321	3	
ALEC 303 or 304	3	
Term 6		
ALEC 345	3	2.75 2.7 cumulative GPA
ANSC 280	2	ALEC 211
FDSC FDST 150*, FDSC FDST 241	6	
FORS, FWF or WFS Elective	3	
PLSC 330 250*	3	
Term 7		
ALEC 434, ALEC 440*	6	2.75 2.7 cumulative GPA
EDPY 401	3	ALEC 345
SPED 402	3	
ETEC 486	3	
ANSC 281	2	

[3] Chosen from the University General Education list. Select one course (4 hours) from chemistry, physics, geology, ESS 210; GEOG 131*, GEOG 132, GEOG 137*. CHEM 130* is a corequisite to BIOL 160*. Therefore, students who choose BIOL 150*-BIOL 160*-BIOL159* should take CHEM 120*-CHEM130* for their physical science electives. BIOL 113*-BIOL114*-BIOL 115* has no chemistry requirement.

[4] Chosen from the University General Education list.

Agricultural Leadership, Education, and Communications Major, BS in Agriculture – Agricultural Extension Education Concentration

REVISE TEXT

The Agricultural Leadership, Education, and Communications major is designed for students who want a broad, general background in agriculture and wish to develop their leadership and communication skills to pursue careers in business and industry, agricultural education, agricultural extension education, and agricultural communications. The agricultural science concentration is designed for students who want a broad, general background in agriculture and natural resources. The agricultural leadership concentration is designed for students who want to develop their leadership skills and pursue careers in government, youth organizations, business/industry, international environments, and leadership positions within the community. The agricultural education concentration leads to teacher licensure in agricultural sciences in the State of Tennessee. The agricultural extension concentration is designed for those interested in agricultural extension careers. The agricultural communications concentration is designed for those students wanting a background in agriculture while pursuing communication careers in areas such as journalism, electronic media, marketing/management, and broadcasting.

REVISE REQUIREMENTS

Requirements for the Bachelor of Science in Agriculture – Agricultural Leadership, Education and Communications Major – Agricultural Extension Education Concentration

Term 1	Hours	Milestone Notes
[1] Agricultural Sciences and Natural Resources Elective	3	2.5 cumulative GPA
AGNR 100 or 103 ALEC 101	1	
[2] Biological Sciences Electives*	4	
ENGL 101* or ENGL 118*	3	
[4] Quantitative Reasoning Elective*	3	
Term 2		
ALEC 211	3	2.7 cumulative GPA
ANSC 160	2	ENGL 101*
[2] Biological Sciences Electives*	4	
ENGL 102*	3	
MATH 115*	3	
Term 3		
ALEC 201, ALEC 240*	1 4	2.7 cumulative GPA
ALEC 240* or CMST 210 or CMST 217 * or CMST	3	

240 *or CMST 247 *		
[3]AREC 201* or ECON 201* or ECON 207*	4	MATH 113* or higher
CHEM 100 or 120 or 128* ~~[4] Physical Science Electives*~~	4	
PLSC 220 or 221	3	
Term 5		
AREC 313 or AREC 314	2	2.7 cumulative GPA
[4]Cultures and Civilizations Elective*	3	ALEC 201
EPP 313 or EPP 321	3	
ESS 334	3	
FDSC ~~FDST~~ 150*	3	
Term 7		
ALEC 440*	3	2.7 cumulative GPA
ALEC 434, ALEC 492	9	ALEC 345
FDSC ~~FDST~~ 241	3	
ALEC 303 or 304 ~~[6]Unrestricted Elective~~	3	
Term 8		
[1]Agricultural Sciences and Natural Resources Electives (300-400 level)	6	No Milestones
ANSC 280	2	
AGNR 180 or 480 ~~PLSC 221~~	3	
[5]Unrestricted Elective	3	
TOTAL	**120**	

[4] Chosen from the University General Education list. ~~Select one course (4 hours) from chemistry, physics, geology, ESS 210; GEOG 131*, GEOG 132, GEOG 137*. CHEM 130* is a corequisite to BIOL 160*. Therefore, students who choose BIOL 150*-BIOL 160*-BIOL159* should take CHEM 120*-CHEM130* for their physical science electives. BIOL 113*-BIOL114*-BIOL 115* has no chemistry requirement.~~

[5] Any courses not already required for the major. ~~Chosen from the University General Education list.~~

~~[6] Any courses not already required for the major.~~

Agricultural Leadership, Education, and Communications Major, BS in Agriculture – Agricultural Leadership Concentration

REVISE TEXT

The Agricultural Leadership, Education, and Communications major is designed for students who want a broad, general background in agriculture and wish to develop their leadership and communication skills to pursue careers in business and industry, agricultural education, agricultural extension education, and agricultural communications. ~~The agricultural science concentration is designed for students who want a broad, general background in agriculture and natural resources.~~ The agricultural leadership concentration is designed for students who want to develop their leadership skills and pursue careers in government, youth organizations, business/industry, international environments, and leadership positions within the community. The agricultural education concentration leads to teacher licensure in agricultural sciences in the State of Tennessee. The agricultural extension concentration is designed for those interested in agricultural extension careers. The agricultural communications concentration is designed for those students wanting a background in agriculture while pursuing communication careers in areas such as journalism, electronic media, marketing/management, and broadcasting.

REVISE REQUIREMENTS

Requirements for the Bachelor of Science in Agriculture – Agricultural Leadership, Education and Communications Major – Agricultural Leadership Concentration

Term 1	Hours	Milestone Notes
AGNR 100 or 103, ~~ALEC 101,~~ ALEC 103	4	2.0 cumulative GPA
[1]Biological Sciences Electives*	4	
ENGL 101* or ENGL 118*	3	
[4] ~~[5]~~Quantitative Reasoning Elective*	3	
Term 2		
[2]Agricultural Sciences & Natural Resources Elective	3	2.0 cumulative GPA
ALEC 102	3	ENGL 101*
[1]Biological Sciences Electives*	4	
ENGL 102*	3	
[4] ~~[5]~~Quantitative Reasoning Elective*	3	
Term 3		
ALEC 202, ALEC 240*	6	2.0 cumulative GPA
Animal Science Elective (any ANSC course)	2	MATH 113* or higher
[3]AREC 201* or ECON 201* or ECON 207*	4	

[4]Natural Sciences Electives* ~~Physical Science Electives*~~	3 ~~4~~	
Term 4		
ALEC 211	3	2.0 cumulative GPA
Environmental and Soil Sciences Electives (any ESS course)	3	ENGL 102*
FDSC ~~FDST~~ 100 or FDSC ~~FDST~~ 150*	3	
[4]Natural Sciences Electives* ~~Physical Science Electives*~~	3 ~~4~~	
[5] [6]Unrestricted Elective	2	
Term 5		
Agricultural and Resource Economics Elective (any AREC course)	3	2.0 cumulative GPA
[4] [5]Cultures and Civilizations Electives*	6	ALEC 102 or ALEC 103
FDSC 390 or AGNR 480 ~~EPP 313 or EPP 321~~	3	
Plant Sciences Elective (any PLSC course)	3	
Term 6		
ALEC 303, ALEC 304, ALEC 340	9	2.0 cumulative GPA
~~ANSC 495~~	~~1~~	ALEC 102, ALEC 103
[4] [5]Arts and Humanities Elective*	3	
[2]Agricultural Sciences and Natural Resources Elective 300-400 level	3	
Term 7		
ALEC 440*	3	2.0 cumulative GPA
ALEC 410 ~~PHIL 346*~~	3	ALEC 202
[4]Arts and Humanities Elective* ~~PHIL 244* or PHIL 252*~~	3	
[3, 4] [5]Social Sciences Elective*	3	
[5] [6]Unrestricted Electives	4	
Term 8		
ALEC 450, ALEC 492	9	No milestones
[5] [6]Unrestricted Electives	6	
TOTAL	**120**	

[1] Select sequence from BIOL 101*-BIOL 102*, BIOL 113*-BIOL 114*-BIOL 115*, BIOL 150*-BIOL 160*-BIOL 159*, or BIOL 158*-BIOL 168*-BIOL 167*. ~~BIOL 160* has a CHEM 130* corequisite, so students who choose BIOL 150*-BIOL 160*-BIOL 159* should take CHEM 120*-CHEM 130* for their physical science electives. BIOL 113*-BIOL 114*-BIOL 115* has no chemistry requirement.~~

~~[4] Select two course (8 hours) from chemistry, physics, geology, ESS 210; GEOG 131*, GEOG 132*, GEOG 137*. CHEM 130* is a prerequisite/corequisite to BIOL 160*. Therefore, students who choose BIOL 150*-BIOL 160*-BIOL 159* should take CHEM 120*-CHEM 130* for their physical science electives. BIOL 113*-BIOL 114*-BIOL 115* has no chemistry requirement.~~

[4] [5] Chosen from the University General Education list.

[5] [6] Any courses not already required for the major.

END CONCENTRATON

Agricultural Leadership, Education, and Communications Major, BS in Agriculture – Agricultural Science Concentration

Rationale: Department has determined to have students complete a concentration with a soft skill or professional focus area – leadership, education, extension, or communications – instead of a broad-based agricultural program as the broad-based program approach led to a perceived lack of rigor due to a high number of lower division credit hours. Impact on other units: Negligible. Financial impact: Negligible.

DEPARTMENT OF ANIMAL SCIENCE

(ANSC) Animal Science

REVISE REQUIREMENTS

Requirements for the Bachelor of Science in Animal Science – Animal Science Major – Animal Industries Concentration

Term 7		
[4] Capstone Course ~~ANSC 48x~~	3	Apply to graduate
[3]STEM Elective	3	
[5]Cultures and Civilizations Elective*	3	
[2]Minor Requirement	6	

Term 8		
ANSC 495	1	No milestones
[4] Capstone Course ~~ANSC 48x~~	3	
[5]Cultures and Civilizations Elective*	3	
[2]Minor Requirement	3	
[6]Unrestricted Electives	4-7	

[3] STEM elective chosen from ANSC 420, ANSC 431, ANSC 481, ANSC 482, ANSC 483, ANSC 484, ANSC 485, ANSC 486, ANSC 489 or FDST361 (after major requirement and Capstone Course requirement has been met, and a maximum of two Capstone Courses may be taken to satisfy the STEM elective requirement); ANTH 110*, ANTH 117*; ASTR 151*, ASTR 152*, ASTR 153*, ASTR 154*, ASTR 217*, ASTR 218*; BAS (any); BCMB (any except BCMB 320); BIOL (any after major requirements are met); BME (any); BSE (221 and above); BSET (any); CBE (any); CE (210 and above); CHEM (any after major requirements are met); COSC (any); ECE (any); EEB (any); EF (any); EPP (any); ESS 210, ESS 334, ESS 424, ESS 434, ESS 442, ESS 444, ESS 454, ESS 462; FDSC ~~FDST~~ 241, FDSC 341, FDSC 361, FDSC ~~FDST~~ 410, FDSC ~~FDST~~ 415, FDSC ~~FDST~~ 418, FDSC ~~FDST~~ 419, FDSC ~~FDST~~ 421, FDSC ~~FDST~~ 428, FDSC ~~FDST~~ 429, ~~FDST 441,~~ FDSC ~~FDST~~ 445, ~~FDST 461~~; FORS 214, FORS 215, FORS 217, FORS 331, FORS 333, FORS 337, FORS 414; FWF 212, FWF 250*, FWF 313, FWF 317, FWF 320, FWF 430; GEOG 131*, GEOG 132*, GEOG 137*; GEOL (any); IE (any); KNS 480; MATH (any above 110 after Quantitative Reasoning requirements are met); ME (any); MICR (any); MSE (201 and above); NE (any); NUTR 100*, NUTR 302, NUTR 311, NUTR 313, NUTR 314; PHYS (any); PLSC 210, PLSC 220, PLSC 250*, PLSC 330, PLSC 331, PLSC 370, PLSC 410*, PLSC 415, PLSC 421, PLSC 434, PLSC 435, PLSC 438, PLSC 441, PLSC 442, PLSC 450, PLSC 452, PLSC 457, PLSC 461; PSYC 301, PSYC 370, PSYC 385, PSYC 445, PSYC 450, PSYC 459, PSYC 461; PUBH 202, PUBH 420; STAT (any); UNHO 287*, UNHO 288*; WFS (340 and above).

[4] Capstone Courses ~~ANSC 48x~~: Select two courses from ANSC 420, ANSC 481, ANSC 482, ANSC 483, ANSC 484, ANSC 485, ANSC 486, ANSC 489 and FDSC 361. At least one course must be ANSC 481, ANSC 482, ANSC 483, ANSC 484, or ANSC 486.

REVISE REQUIREMENTS

Requirements for the Bachelor of Science in Animal Science – Animal Science Major – Bioscience Concentration

Term 3		
ANSC 280, ANSC 281	4	ANSC 160 or ANSC 280 or ANSC 281 or Natural Sciences Elective* or Quantitative Reasoning Elective*
ALEC 240*, ANSC 360*, CMST 210*, CMST 217*, CMST 240*, CMST 247*, ~~ANSC 360*,~~ or PHIL 244*	3	2.0 GPA in ANSC courses 160 and above
[5]Cultures and Civilizations Elective*	3	
[1,5]Quantitative Reasoning Electives*	3-4	
[2]STEM Elective	3	
Term 5		
ANSC 330	3	ANSC 160 or ANSC 280 or ANSC 281
ANSC 380	3	BIOL 150* or BIOL 160* or BIOL 101 or BIOL 102
ANSC 395	1	
[2]STEM Electives	4	
[3]Business and Communications Elective	3	
Term 6		
ANSC 320	3	No milestones
ANSC 340	3	
[3]Business and Communications Elective	2	
[2]STEM Electives	6	
Term 7		
[4] Capstone Course ~~ANSC 48x~~	3	Apply to graduate
[5]Arts and Humanities Elective*	3	
[5]Cultures and Civilizations Elective*	3	
[2]STEM Electives	6	
Term 8		
ANSC 495	1	No milestones
[4] Capstone Course ~~ANSC 48x~~	3	
[5]Arts and Humanities Elective*	3	
[6]Unrestricted Electives	4-9	

[2] At least twelve hours of STEM electives must be upper division (300-400 level) courses or EEB 240 or BCMB 230. Choose from ANSC 420, ANSC 431, ANSC 481, ANSC 482, ANSC 483, ANSC 484, ANSC 485, ANSC 486, ANSC 489 or FDSC 361 (after major requirement and Capstone Course requirement has been met, and a maximum of two Capstone Courses may be taken to satisfy the STEM elective requirement); ANTH 110*, ANTH 117*; ASTR 151*, ASTR 152*, ASTR 153*, ASTR 154*, ASTR 217*, ASTR 218*; BAS (any); BCMB (any except BCMB 320); BIOL (any after major requirements are met); BME (any); BSE (221 and

above); BSET (any); CBE (any); CE (210 and above); CHEM (any after major requirements are met); COSC (any); ECE (any); EEB (any); EF (any); EPP (any); ESS 210, ESS 334, ESS 424, ESS 434, ESS 442, ESS 444, ESS 454, ESS 462; FDSC ~~FDST~~ 241, FDSC 341, FDSC 361, FDSC ~~FDST~~ 410, FDSC ~~FDST~~ 415, FDSC ~~FDST~~ 418, FDSC ~~FDST~~ 419, FDSC ~~FDST~~ 421, FDSC ~~FDST~~ 428, FDSC ~~FDST~~ 429, ~~FDST 441~~, FDSC ~~FDST~~ 445, ~~FDST 461~~; FORS 214, FORS 215, FORS 217, FORS 331, FORS 333, FORS 337, FORS 414; FWF 212, FWF 250*, FWF 313, FWF 317, FWF 320; GEOG 131*, GEOG 132*, GEOG 137*; GEOL (any); IE (any); KNS 480; MATH (any above 110 after Quantitative Reasoning requirements are met); ME (any) MICR (any); MSE (201 and above); NE (any); NUTR 100*, NUTR 302, NUTR 311, NUTR 313, NUTR 314; PHYS (any); PLSC 210, PLSC 220, PLSC 250*, PLSC 330, PLSC 331, PLSC 370, PLSC 410*, PLSC 415, PLSC 421, PLSC 434, PLSC 435, PLSC 438, PLSC 441, PLSC 442, PLSC 450, PLSC 452, PLSC 457, PLSC 461; PSYC 301, PSYC 370, PSYC 385, PSYC 445, PSYC 450, PSYC 459, PSYC 461; PUBH 202, PUBH 420; STAT (any); UNHO 287*, UNHO 288*; WFS (340 and above).

[3] Business and Communications Electives chosen from ACCT 200, ACCT 207; ADVT 250; AGNR 291, AGNR 292; ALEC 240*, ALEC 330, ALEC 410, ALEC 440*, ALEC 441; ANSC 361; AREC 212, AREC 270, AREC 313 or above; BULW 301; ECON (any course above 211); FDSC ~~FDST~~ 390; FINC 300; MARK 300; MGT 201, MGT 300; PHIL 244* and STAT 201*.

[4] Capstone Courses ~~ANSC 48x~~: Select two courses from ANSC 420, ANSC 481, ANSC 482, ANSC 483, ANSC 484, ANSC 485, ANSC 486, ~~or~~ ANSC 489, or FDSC 361. At least one course must be ANSC 481, ANSC 482, ANSC 483, ANSC 484, or ANSC 486.

REVISE TEXT

Animal Science Major, BS in Animal Science – Five-Year BS/MS Program
(Paragraphs 1, 3, 4 and 5)

For qualified students, the Department of Animal Science offers a Five-Year BS/MS accelerated degree program with a BS major in Animal Science and a thesis-based MS major in Animal Science. Central to this program is that a qualified student may take up to nine hours of ~~approved~~ graduate level courses for their senior undergraduate electives and have them count toward both the BS degree and the MS degree. Students are typically considered for conditional admission to the program during, or immediately following, their third year of undergraduate study at the University of Tennessee, Knoxville. Because the MS program requires that a student write a thesis based on original research, efforts related to developing and starting a research-based project in consultation with a graduate advisory committee (that meets MS committee requirements) is required immediately following their third year of undergraduate studies.

Applicants are required to have completed at least six credit hours from the following Animal Science core courses (i.e., ANSC 320, ANSC 330, ANSC 340, ANSC 380 or their Honors counterparts). The department may consider other relevant factors such as an applicant's work experience and level of maturity before conditionally admitting a student to the BS/MS program. Conditional admission of a student into the Five-Year BS/MS program must be approved by ~~both~~ the Department of Animal Science, College of Agricultural Science and Natural Resources, and the Graduate School. Students will be typically informed of the outcome of their application before the beginning of their fourth year of undergraduate study.

Any graduate course that is to be counted towards both ~~taken for graduate credit before satisfying all requirements for~~ the BS degree and the MS degree must be approved ~~both~~ by the student's graduate advisory committee, the departmental Graduate Director, the College of Agricultural Sciences and Natural Resources, and by the Graduate School. These courses must be identified ~~in advance,~~ in consultation with the graduate advisory committee members. The form "Animal Science Conditional Admission 5 Year BS-MS" is available from the Graduate Director and must be completed, signed by the student, the student's graduate advisory committee, the Graduate Director, and College of Agricultural Sciences and Natural Resources before submitting to the Graduate School for approval and processing."

The University of Tennessee, Knoxville's Senior Privilege rule imposes a maximum limit of nine hours on the number of graduate-level hours that an undergraduate student may complete before completing an undergraduate degree and being formally admitted to the Graduate School. A student that ~~who~~ is conditionally admitted to the BS/MS program~~,~~ completes nine credit hours of graduate level coursework ~~credit~~ during the student's ~~fourth year of~~ undergraduate study, and applies those nine credit hours to satisfy BS degree requirements~~, and~~ may also apply the nine credit hours towards MS degree requirements.

REVISE REQUIREMENTS

Requirements for the Bachelor of Science in Animal Science – Animal Science Major – Five-Year BS/MS Program

Term 3		
ANSC 280, ANSC 281	4	ANSC 160 or ANSC 280 or ANSC 281 or Natural Sciences Elective* or Quantitative Reasoning Elective*
ALEC 240*, ANSC 360*, CMST 210* or CMST 217*, CMST 240* or CMST 247*, or ~~ANSC 360*~~ PHIL 244*	3	2.0 GPA in ANSC courses 160 and above
[5]Cultures and Civilizations Elective*	3	
[1]Quantitative Reasoning Electives*	3-4	
Term 5		
ANSC 330 or ANSC 338	3	ANSC 160 or ANSC 280 or ANSC 281
ANSC 380 or ANSC 388	3	BIOL 150* or BIOL 160* or BIOL 101 or BIOL 102
ANSC 395	1	
[2]STEM Electives	4	

[3]Business and Communications Elective	3	
Term 6		
ANSC 320 or ANSC 328	3	No milestones
ANSC 340 or ANSC 348	3	
[3]Business and Communications Elective	2	
[2]STEM Electives	6	
Term 7		
[4] Capstone Course ~~ANSC 48x~~	3	Apply to graduate
[5]Arts and Humanities Elective*	3	
[2]STEM Elective	3	
ANSC 493 or ANSC 499	3	
[5]Cultures and Civilizations Elective*	3	
Term 8		
[4] Capstone Course ~~ANSC 48x~~	3	No milestones
ANSC 495	1	
[5]Arts and Humanities Elective*	3	
[6]Unrestricted Electives	7-10	
TOTAL	**120**	

[2] Science/Technology/Engineering/Mathematics (STEM) Electives. At least 8 hours upper division (300-400 level) courses. Chosen from ANSC 420, ANSC 431, ANSC 481, ANSC 482, ANSC 483, ANSC 484, ANSC 485, ANSC 486, ~~or~~ ANSC 489 ~~(after major requirements have been met, and a maximum of two 48x classes may be taken to satisfy the STEM requirement);~~or FDSC 461 (after major requirement and Capstone Course requirement has been met, and a maximum of two Capstone Courses may be taken to satisfy the STEM elective requirement); ANTH 110*, ANTH 117*; ASTR 151*, ASTR 152*, ASTR 153*, ASTR 154*, ASTR 217*, ASTR 218*; BAS (any); BCMB (any except BCMB 320); BIOL (any after major requirements are met); BME (any); BSE (221 and above); BSET (any); CBE (any); CE (210 and above); CHEM (any after major requirements are met); COSC (any); ECE (any); EEB (any); EF (any); EPP (any); ESS 210, ESS 334, ESS 424, ESS 434, ESS 442, ESS 444, ESS 454, ESS 462; FDSC ~~FDST~~ 241, FDSC 341, FDSC 361, FDSC ~~FDST~~ 410, FDSC ~~FDST~~ 415, FDSC ~~FDST~~ 418, FDSC ~~FDST~~ 419, FDSC ~~FDST~~ 421, FDSC ~~FDST~~ 428, FDSC ~~FDST~~ 429, ~~FDST 441~~, FDSC ~~FDST~~ 445, ~~FDST 461~~; FORS 214, FORS 215, FORS 217, FORS 331, FORS 333, FORS 337, FORS 414; FWF 212, FWF 250*, FWF 313, FWF 317, FWF 320, FWF 430; GEOG 131*, GEOG 132*, GEOG 137*; GEOL (any); IE (any); KNS 480; MATH (any above 110 after Quantitative Reasoning requirements are met); ME (any) MICR (any); MSE (201 and above); NE (any); NUTR 100*, NUTR 302, NUTR 311, NUTR 313, NUTR 314; PHYS (any); PLSC 210, PLSC 220, PLSC 250*, PLSC 330, PLSC 331, PLSC 348, PLSC 370, PLSC 410*, PLSC 415, PLSC 421, PLSC 434, PLSC 435, PLSC 438, PLSC 441, PLSC 442, PLSC 450, PLSC 452, PLSC 457, PLSC 461; PSYC 370, PSYC 385, PSYC 445, PSYC 450, PSYC 459, PSYC 461; PUBH 202, PUBH 420; STAT (any); UNHO 287*, UNHO 288*; WFS (340 and above).

[3] Business and Communications Electives chosen from ACCT 200, ACCT 207; ADVT 250; AGNR 291, AGNR 292; ALEC 240*, ALEC 330, ALEC 410, ALEC 440*, ALEC 441; ANSC 361; AREC 212, AREC 270, AREC 313 or above; BULW 301; ECON (any course above 211); FDSC ~~FDST~~ 390; FINC 300; MARK 300; MGT 201, MGT 300; PHIL 244* and STAT 201*.

[4] Capstone Courses ~~ANSC 48x~~: Select two courses from ANSC 420, ANSC 481, ANSC 482, ANSC 483, ANSC 484, ANSC 485, ANSC 486, ANSC 489 and FDSC 361. At least one course must be ANSC 481, ANSC 482, ANSC 483, ANSC 484, or ANSC 486.

REVISE REQUIREMENTS

Requirements for the Bachelor of Science in Animal Science – Animal Science Major – Pre-Veterinary Medicine 3+1 Concentration

Term 3		
ANSC 280, ANSC 281	4	ANSC 160 or ANSC 280 or ANSC 281 or Natural Sciences Elective* or Quantitative Reasoning Elective*
[2]Biological Science Directed Electives	4	
CHEM 260 ~~CHEM 350~~	3	
PHYS 221*	4	
[3]Social Sciences Elective*	3	
Term 4		
ANSC 220	3	Two additional General Education electives*
CHEM 360	3	
CHEM 369	2	
ALEC 240*, ANSC 360*, CMST 210*, CMST 217*, CMST 240*, CMST 247*, ~~ANSC 360*,~~ or PHIL 244*	3	
PHYS 222*	4	

Rationale: Chemistry is dropping CHEM 350 and replacing it with CHEM 260.

REVISE REQUIREMENTS

Requirements for the Bachelor of Science in animal Science – Animal Science Major – Pre-Veterinary Medicine Concentration

Term 3		
ANSC 280, 281	4	ANSC 160 or ANSC 280 or ANSC 281or Natural Sciences Elective* or Quantitative Reasoning Elective*
CHEM 260 ~~CHEM 350~~	3	
ALEC 240*, ANSC 360*, CMST 210*, CMST 217*, CMST 240*, CMST 247*, ~~ANSC 360*,~~ or PHIL 244*	3	
[5]Cultures and Civilizations Elective*	3	
[1,5]Quantitative Reasoning Electives*	3-4	
Term 6		
ANSC 320	3	No milestones
ANSC 340	3	
[3]Business and Communications Electives	5	
PHYS 222*	4	
Term 7		
ANSC 495	1	Apply to graduate
[4] Capstone Course ~~ANSC 48x~~	3	
[5]Arts and Humanities Elective*	3	
BCMB 401 or ANSC 431	4	
[2]STEM Elective	3	
Term 8		
[4] Capstone Course ~~ANSC 48x~~	3	No milestones
[5]Arts and Humanities Elective*	3	
[2]STEM Elective	3	
[6]Unrestricted Electives	1-7	

[2] At least four hours of STEM electives must be from BIOL, EEB, BCMB or MICRO. Other STEM electives chosen from ANSC 420, ANSC 431, ANSC 481, ANSC 482, ANSC 483, ANSC 484, ANSC 485, ANSC 486, ANSC 489 or FDST 361 (after major requirement and Capstone Course requirement has been met, and a maximum of two Capstone Courses may be taken to satisfy the STEM elective requirement); ANTH 110*, ANTH 117*; ASTR 151*, ASTR 152*, ASTR 153*, ASTR 154*, ASTR 217*, ASTR 218*; BAS (any); BCMB (any except BCMB 320); BIOL (any after major requirements are met); BME (any); BSE (221 and above); BSET (any); CBE (any); CE (210 and above); CHEM (any after major requirements are met); COSC (any); ECE (any); EEB (any); EF (any); EPP (any); ESS 210, ESS 334, ESS 424, ESS 434, ESS 442, ESS 444, ESS 454, ESS 462; FDSC ~~FDST~~ 241, FDSC 341, FDSC 361, FDSC ~~FDST~~ 410, FDSC ~~FDST~~ 415, FDSC ~~FDST~~ 418, FDSC ~~FDST~~ 419, FDSC ~~FDST~~ 421, FDSC ~~FDST~~ 428, FDSC ~~FDST~~ 429, ~~FDST 441,~~ FDSC ~~FDST~~ 445, ~~FDST 461~~; FORS 214, FORS 215, FORS 217, FORS 331, FORS 333, FORS 337, FORS 414; FWF 212, FWF 250*, FWF 313, FWF 317, FWF 320, FWF 430; GEOG 131*, GEOG 132*, GEOG 137*; GEOL (any); IE (any); KNS 480; MATH (any above 110 after Quantitative Reasoning requirements are met); ME (any) MICR (any); MSE (201 and above); NE (any); NUTR 100*, NUTR 302, NUTR 311, NUTR 313, NUTR 314; PHYS (any); PLSC 210, PLSC 220, PLSC 250*, PLSC 330, PLSC 331, PLSC 348, PLSC 370, PLSC 410*, PLSC 415, PLSC 421, PLSC 434, PLSC 435, PLSC 438, PLSC 441, PLSC 442, PLSC 450, PLSC 452, PLSC 457, PLSC 461; PSYC 301, PSYC 370, PSYC 385, PSYC 445, PSYC 450, PSYC 459, PSYC 461; PUBH 202, PUBH 420; STAT (any); UNHO 287*, UNHO 288*; WFS (340 and above).

[3] Business and Communications Electives chosen from ACCT 200, ACCT 207; ADVT 250; AGNR 291, AGNR 292; ALEC 240*, ALEC 330, ALEC 410, ALEC 440*, ALEC 441; ANSC 361; AREC 212, AREC 270, AREC 313 or above; BULW 301; ECON (any course above 211); FDSC ~~FDST~~ 390; FINC 300; MARK 300; MGT 201, MGT 300; PHIL 244* and STAT 201*.

[4] Capstone Courses: Select two courses from ANSC 420, ANSC 481, ANSC 482, ANSC 483, ANSC 484, ANSC 485, ANSC 486, ANSC 489 and FDSC 361. At least one course must be ANSC 481, ANSC 482, ANSC 483, ANSC 484, or ANSC 486.

Rationale: Chemistry is dropping CHEM 350 and replacing it with CHEM 260.

DEPARTMENT OF BIOSYSTEMS ENGINEERING AND SOIL SCIENCES

(BSE) Biosystems Engineering

REVISE REQUIREMENTS

Requirements for the Bachelor of Science in Biosystems Engineering – Biosystems Engineering Major

Term 6		
BSE 411 or BSE417, BSE 416 or BSE418 or CE 495 or CE 498, BSE 431 or BSE437, BSE 451 or BSE 457	13	No milestones
[2]Technical Elective	3	
Term 7		
AREC 201* or ECON 201* or ECON 207*	4	Apply to graduate[3]
BSE400 ~~BSE 401*~~, BSE 404*, BSE 444	8	
[2]Technical Elective	3	

[2] Technical electives are generally upper-division courses with substantial rigor in science, technology, engineering, or math. The following courses are pre-approved, but other courses suggested by a student may be approved by the advisor on a case-by-case basis. Note that some of these courses have required prerequisites and see individual course descriptions for specific

information. BSE 525, BSE 543; BSET 345, BSET 355, BSET 414, BSET 432, BSET 434, BSET 452, BSET 462, BSET 474; CE 381, CE 430, CE 485; CHEM 260 ~~CHEM 350~~, CHEM 360; ENVE 511, ENVE 512, ENVE 513, ENVE 515, ENVE 516, ENVE 520, ENVE 525, ENVE 526, ENVE 527, ENVE 530, ENVE 532, ENVE 535, ENVE 574; ESS 334, ESS 434, ESS 442, ESS 444, ESS 454; GEOG 411; GEOL 485; IE 304; MATH 300, MATH 403, MATH 411, MATH 431; ME 363, ME 366, ME 391, ME 405, ME 451, ME 466.

Rationale: Chemistry is dropping CHEM 350 and replacing it with CHEM 260.

REVISE TEXT

Biosystems Engineering Major, BS in Biosystems Engineering – Pre-Professional Concentration
(Paragraph 1)

The College of Agricultural Sciences and Natural Resources, in cooperation with the Tickle College of Engineering, offers a four-year curriculum leading to the Bachelor of Science in Biosystems Engineering. The curriculum is accredited by the ~~Engineering Commission of the Accreditation Board for Engineering and Technology (ABET)~~ Engineering Accreditation Commission of ABET, http://www.abet.org. Overall goals of the program are emphasized in the educational objectives and program outcomes statements listed below. Program details are given in the showcase curricula and the individual course descriptions.

Rationale: Changed to meet ABET requirements for description of accreditation. Impact on other units: None. Response to assessment: None. Financial impact: None.

REVISE REQUIREMENTS

Requirements for the Bachelor of Science in Biosystems Engineering - Biosystems Engineering Major - Pre-Professional Concentration

Term 4		
BIOL 160* or BIOL 168*	3	EF 152* or EF 158* or PHYS 136*
BSE 321	3	
CHEM 260 or CHEM 268 ~~CHEM 350 or CHEM 358~~	3	
MATH 231	3	
ME 321	3	
Term 6		
BSE 411 or BSE417, BSE 431 or BSE437, BSE 451 or BSE 457	10	No milestones
CHEM 360 or CHEM 368	3	
CHEM 369	2	
Term 7		
AREC 201* or ECON 201* or ECON 207*	4	Apply to graduate[2]
BSE400 ~~BSE 401*~~, BSE 404*, BSE 444	8	
[1]Cultures and Civilizations Elective*	3	

Rationale: Chemistry is dropping CHEM 350 and replacing it with CHEM 260.

REVISE TEXT

Biosystems Engineering Technology Minor

No baccalaureate degree program is offered in biosystems engineering technology, but undergraduate courses are offered to prepare students in other disciplines to apply very basic elements of elementary engineering principles, techniques, and systems ~~of engineering~~ approaches to ~~the broad industry of~~ agriculture and natural resources. ~~With proper selection, the Biosystems Engineering Technology Minor will result in the student taking the pre-approved courses required for taking the Tennessee Professional Land Surveyor-In-Training Exam (see http://bioengr.ag.utk.edu/students/Survey.asp).~~

Rationale: Reflects change requested by CASNR and part of review of minors. Impact on other units: None. Response to assessment: None. Financial impact: None.

(ESS) Environmental and Soil Sciences

REVISE REQUIREMENTS

Requirements for the Bachelor of Science in Environmental and Soil Sciences – Environmental and Soil Sciences Major – Conservation Agriculture and Environmental Sustainability Concentration

Term 1	Hours	Milestone Notes
~~AGNR 100, AGNR 291~~	~~2~~	2.0 cumulative GPA
BIOL 101* or BIOL 113*	3-4	
CHEM 100*	4	

ENGL 101* or ENGL 118*	3	
Quantitative Reasoning Elective* ~~MATH 123*~~	3	
Term 2		
BIOL 102* or BIOL 114*-BIOL 115*	4-5	ENGL 101*
CHEM 110*	4	
ENGL 102*	3	
ESS 120*	3	
MATH 115* ~~MATH 125*~~	3	
Term 3		
AGNR 180* ~~AGNR 292~~	3 ~~1~~	Quantitative Reasoning Elective* or MATH 115* ~~MATH 123* or MATH 125*~~
AREC 201* or ECON 201* or ECON 207*	3-4	
AREC 212	3	
ESS 220* ~~ESS 120*, ESS 210,~~	3 ~~7~~	
[1]Arts and Humanities Elective* ~~GEOL 101* or GEOL 107*~~	3 ~~4~~	
Term 4		
AGNR 291, AGNR 292 ~~[1]Arts and Humanities Elective*~~	2 ~~3~~	CHEM 100*
ANSC 160 ~~AREC 212~~	3	
ESS 210 ~~ESS 220*~~	4 ~~3~~	
PLSC 275	3	
FWF 250* ~~STAT 201* or STAT 207* or PLSC 461~~	3	
Term 5		
ACCT 200~~,~~ or ACCT 207~~,~~ or BUAD 202	3	ESS 210
AREC 313	2	
EPP 313 or EPP 321	3	
ESS 334	3	
~~PLSC 457~~	~~3~~	
Technical Electives* ~~[1]Social Sciences Elective*~~	6 ~~3~~	
Term 6		
ALEC 340 ~~[1]Communicating through Writing Elective*~~	3	No milestones
AREC 314 ~~EPP 321~~	2 ~~3~~	
ESS 301*~~, ESS 424~~	1 ~~4~~	
[1]Arts and Humanities Elective* ~~ESS 444 or ESS 454~~	3	
Communicating through Writing Elective* ~~[2]Technical Elective~~	3	
Term 7		
BSET 326 or BSET 474	3	Apply to graduate
ESS 424, ESS 442, ESS 462	9 ~~6~~	
~~ESS 492 or ESS 499~~	~~1~~	
PLSC 415 or PLSC 434 or PLSC 435 or PLSC 457	3	
[2]~~Technical Elective~~	~~3~~	
Term 8		
AREC 342 or AREC 350 or AREC 470	3	No milestones
BSET 434 or BSET 462 ~~[1]Arts and Humanities Elective*~~	3	
ESS 454 ~~BSET 432, BSET 462~~	3	
EPP 410 or EPP 411	3	
ESS 492 or ESS 499	1	
PLSC 415 or PLSC 434 or PLSC 435 or PLSC 457 [2]~~Technical Elective~~	3	
TOTAL	**120**	

[2] Note that some electives have required prerequisites. See individual course descriptions in the catalog for specific information. ACCT 200; AGNR 491, AGNR 497, AGNR 498; ALEC 440*; Animal Science (any course 200 or above); ANTH 415; Agriculture and Resource Economics (any course 200 or above); Biochemistry and Molecular Biology (any course 200 or above); Biology (any course 200 or above); Biosystems Engineering (any course above 201); Biosystems Engineering Technology (any course 200 or above not required for the major); Business Analytics and Statistics (any course 200 or above); Chemical and Biomolecular Engineering (any course 200 or above); Civil Engineering (any course 200 or above); Chemistry (any course 200 or above); Computer Science (any course 200 or above); Ecology and Evolutionary Biology (any course 200 or above); ECON 362; Electrical and Computer Engineering (any course 200 or above); Engineering Fundamentals (any course); Entomology and Plant Pathology

(any course); Entrepreneurship (any course); Environmental and Soil Sciences (any course not required for the major); Food Science ~~and Technology~~ (any course above 201); Forestry (any course 200 or above); Forestry, Wildlife, and Fisheries (any course 200 or above); Geography (any course 131 or above); Geology (any course); Industrial Engineering (any course); Information Management (any course); Information Sciences (any course 200 or above); JREM 451*; Mathematics (any course 200 or above); Mechanical Engineering (any course 200 or above); Microbiology (any course 200 or above); Materials Science and Engineering (any course 200 or above); Nuclear Engineering (any course 200 or above); Physics (any course 200 or above); Plant Sciences (any course 200 or above); PUBH 420; SOCI 360, SOCI 363, SOCI 465; Wildlife and Fisheries Science (any course 200 or above).

Rationale: Curriculum has been revised to include classes beneficial to students in this concentration, such as animal science, conservation, law, and marketing/sales. QR classes have been reduced from 3 to the required 2, and Geology 101 has been removed to allow for room for classes that broaden the experiences of these students. Impact on other units: minimal, since the number of students in this concentration is relatively small. Response to assessment: new set of courses better meets career objectives of most of the students in this concentration. Financial impact: None.

REVISE REQUIREMENTS

Requirements for the Bachelor of Science in Environmental and Soil Sciences – Environmental and Soil Sciences Major – Construction Science Concentration

Term 1	Hours	Milestone Notes
BSET 125	3	MATH 130 or higher or one Arts and Humanities*, Cultures and Civilizations*, or Social Sciences* Elective
GEOL 101* or GEOL 107*	4	
[1]Cultures and Civilizations Elective*	3	
ENGL 101* or ENGL 118*	3	
MATH 141* or MATH 151*	3~~-4~~	
Term 2		
ARCH 111*	3	MATH 130 or higher
ENGL 102*	3	
CHEM 120* or CHEM 128*	4	
MATH 142* or MATH 152*	3~~-4~~	
BSET 211	3	
Term 3		
[2]ECON 201* or ECON 207* ~~[2]ACCT 200 or ACCT 207~~	4 ~~3~~	CHEM 120* or CHEM 128*, or MATH 141* or MATH 151*
BSET 202, BSET 224	6	
STAT 201* or STAT 207*	3	
PHYS 221*	4	
Term 4		
BSET 225, BSET 270	7	CHEM 120* or CHEM 128*, or MATH 142* or MATH 151*
[2]ACCT 200 or ACCT 207 ~~[2]ECON 201* or ECON 207*~~	3 ~~-4~~	
ESS 210	4	
Term 5		
BSET 325, BSET 335, BSET 414	9	No milestones
[1]Cultures and Civilizations Elective*~~CMST 210*, CMST 217*, CMST 240*, or CMST 247*~~	3	
[2]MGT 201	3	
Term 6		
~~BSET 345,~~ BSET 425	3 ~~-6~~	No milestones
CMST 210* or CMST 217* or CMST 240* or CMST 247* ~~[1]Cultures and Civilizations Elective*~~	3	
ENGL 295* or ENGL 360*	3	
[2]FINC 300	3	
[1]Social Sciences Elective*	3	
Term 7		
BSET 355, BSET430, BSET 435	9 ~~-6~~	Apply to graduate
~~ENGL 295* or ENGL 360*~~	~~3~~	
~~[2]MGT 300~~	~~3~~	
ESS 424	3	
[1]Arts and Humanities Elective*	3	
Term 8		
[3]Technical Elective	3	No milestones

BSET345 ~~BSET 432~~	3	
~~ESS 424~~	~~3~~	
[2]MGT 300	3	
[2]MARK 300	3	
TOTAL	**120**	

REVISE REQUIREMENTS

Requirements for the Bachelor of Science in Environmental and Soil Sciences – Environmental and Soil Sciences Major – Environmental Science Concentration

Term 6		
BSET 326	3	No milestones
CHEM 110* or CHEM 260 ~~CHEM 350~~	3-4	
ESS 454	3	
[2]Technical Elective	6	

[2] Note that some electives have required prerequisites. See individual course descriptions in the catalog for specific information. ACCT 200; AGNR 491, AGNR 497, AGNR 498; ALEC 440*; Animal Science (any course 200 or above); ANTH 415; Agriculture and Resource Economics (any course 200 or above); Biochemistry and Molecular Biology (any course 200 or above); Biology (any course 200 or above); Biosystems Engineering (any course above 201); Biosystems Engineering Technology (any course 200 or above not required for the major); Business Analytics and Statistics (any course 200 or above); Chemical and Biomolecular Engineering (any course 200 or above); Civil Engineering (any course 200 or above); Chemistry (any course 200 or above); Computer Science (any course 200 or above); Ecology and Evolutionary Biology (any course 200 or above); ECON 362; Electrical and Computer Engineering (any course 200 or above); Engineering Fundamentals (any course); Entomology and Plant Pathology (any course); Entrepreneurship (any course); Environmental and Soil Sciences (any course not required for the major); Food Science ~~and Technology~~ (any course above 201); Forestry (any course 200 or above); Forestry, Wildlife, and Fisheries (any course 200 or above); Geography (any course 131 or above); Geology (any course); Industrial Engineering (any course); Information Management (any course); Information Sciences (any course 200 or above); JREM 451*; Mathematics (any course 200 or above); Mechanical Engineering (any course 200 or above); Microbiology (any course 200 or above); Materials Science and Engineering (any course 200 or above); Nuclear Engineering (any course 200 or above); Physics (any course 200 or above); Plant Sciences (any course 200 or above); PUBH 420; SOCI 360, SOCI 363, SOCI 465; Wildlife and Fisheries Science (any course 200 or above).

Rationale: Chemistry is dropping CHEM 350 and replacing it with CHEM 260.

REVISE REQUIREMENTS

Requirements for the Bachelor of Science in Environmental and Soil Sciences – Environmental and Soil Sciences Major – Soil Science Concentration

Term 4		
AREC 201* or ECON 201* or ECON 207*	4	CHEM 120*
[1]Arts and Humanities Elective*	3	
CHEM 110* or CHEM 260 ~~CHEM 350~~	3-4	
PHYS 221*	4	
Term 6		
BSET 326	3	No milestones
CHEM 210, CHEM 219 ~~CHEM 310~~, ~~CHEM 319~~	4	
ESS 454	3	
PLSC 250*	3	
[2]Technical Elective	3	

[2] Note that some electives have required prerequisites. See individual course descriptions in the catalog for specific information. ACCT 200; AGNR 491, AGNR 497, AGNR 498; ALEC 440*; Animal Science (any course 200 or above); ANTH 415; Agriculture and Resource Economics (any course 200 or above); Biochemistry and Molecular Biology (any course 200 or above); Biology (any course 200 or above); Biosystems Engineering (any course above 201); Biosystems Engineering Technology (any course 200 or above not required for the major); Business Analytics and Statistics (any course 200 or above); Chemical and Biomolecular Engineering (any course 200 or above); Civil Engineering (any course 200 or above); Chemistry (any course 200 or above); Computer Science (any course 200 or above); Ecology and Evolutionary Biology (any course 200 or above); ECON 362; Electrical and Computer Engineering (any course 200 or above); Engineering Fundamentals (any course); Entomology and Plant Pathology (any course); Entrepreneurship (any course); Environmental and Soil Sciences (any course not required for the major); Food Science ~~and Technology~~ (any course above 201); Forestry (any course 200 or above); Forestry, Wildlife, and Fisheries (any course 200 or above); Geography (any course 131 or above); Geology (any course); Industrial Engineering (any course); Information Management (any course); Information Sciences (any course 200 or above); JREM 451*; Mathematics (any course 200 or above); Mechanical Engineering (any course 200 or above); Microbiology (any course 200 or above); Materials Science and Engineering (any course 200 or above); Nuclear Engineering (any course 200 or above); Physics (any course 200 or above); Plant Sciences (any course 200 or above); PUBH 420; SOCI 360, SOCI 363, SOCI 465; Wildlife and Fisheries Science (any course 200 or above).

Rationale: Chemistry is dropping CHEM 310, 319, and 350 and replacing them with CHEM 210, 219, and 260.

DEPARTMENT OF FOOD SCIENCE

(FDSC) Food Science
Please note that the change in the department name from Food Science and Technology to Food Science has been approved. See page 4/U3720 of the Undergraduate Council Minutes of October 18, 2016.

REVISE TEXT

Department of Food Science
(Main Department Page)

Food Science ~~and Technology~~

The curriculum concentrations in food science ~~and technology~~ include a science concentration~~, a technology concentration,~~ and a pre-professional concentration. They prepare students to apply basic scientific and business principles to manufacturing, processing, distribution, and utilization of food products that meet the needs and desires of consumers. Coursework emphasizes the basic principles of converting raw food materials into safe acceptable consumer products. Selected commodity courses detail processing of specific types of food materials. Students entering the program should have an interest in the sciences, such as chemistry, microbiology, and biology.

Career opportunities include positions in the food industry in quality assurance, production management and development, marketing, governmental inspection, etc. The science concentration of coursework conforms to the guidelines in the model curriculum of the Institute of Food Technologists. ~~The technology concentration allows students to obtain an agribusiness or business minor or specialization in areas such as animal science, nutrition, or others that strengthen the food science and technology major. A special problems course provides opportunity for practical training in food processing plants and laboratories or federal and state laboratories.~~ The pre-professional concentration provides the science background necessary for medical, pharmacy, dental, or veterinary medicine school and also allows the student to develop an understanding of food science principles that will apply to their chosen profession. This food science background will also prepare students for a career in the food industry.

CHANGE NAME OF MAJOR, REVISE TEXT, REVISE REQUIREMENTS

Food Science ~~and Technology~~ Major, BS in Food Science – Five-Year BS/MS Program

For qualified students, the Department of Food Science ~~and Technology~~ offers a Five-Year BS/MS accelerated degree program with a BS major in Food Science ~~and Technology~~ and a thesis-based MS major in Food Science ~~and Technology~~. Central to this program is that a qualified student may take up to nine hours of approved graduate courses for their senior undergraduate electives and have them count toward both the BS degree and the MS degree. Students will be considered for conditional admission to the program during, or immediately following, their junior year of undergraduate study at the University of Tennessee, Knoxville. Because the MS program requires that students write a thesis based on their original research, students in the BS/MS program must start working on their research project no later than immediately following the junior year of undergraduate studies. For each student in the program, a graduate advisory committee composed of a minimum of three faculty members must be established before completion of the BS degree.

To be considered for conditional admission to the program:

- A student must be a declared Food Science ~~and Technology~~ major with a minimum GPA of 3.4, must have completed at least 15 hours of credit in Food Science ~~and Technology~~, and must have completed at least 90 hours of the 120 hours of coursework required for the BS degree with a major in Food Science ~~and Technology~~.
- A student must provide three letters of recommendation and complete a personal interview with individuals comprising the Graduate and Undergraduate Committees in the Department of Food Science ~~and Technology~~.
- A student must obtain a commitment from a Food Science ~~and Technology~~ graduate research faculty member to serve as his/her graduate mentor-advisor (i.e., major professor) and at least two other graduate research faculty members to serve on his/her graduate advisory committee.

Applicants are required to have completed FDSC ~~FDST~~ 241 - Food Preservation and Packaging. The Department may consider other relevant factors such as an applicant's work experience and level of maturity before conditionally admitting a student to the BS/MS program. Conditional admission of a student into the Five-Year BS/MS program must be approved by both the Department of Food Science ~~and Technology~~ and the Graduate School. Students will be typically informed of the outcome of their application before the beginning of their senior year of undergraduate study.

Any course taken for graduate credit before satisfying all requirements for the BS degree must be approved both by the Graduate Director and by the Graduate School. These courses must be identified in advance, in consultation with the undergraduate advisor, proposed master's graduate advisor, and advisory committee members. The form “Food Science Conditional Admission 5 Year BVS-MS” is available from the Graduate Director and must be completed, signed by the student and the Graduate Director before submitting to the Graduate School for approval and processing. ~~The University of Tennessee, Knoxville's Senior Privilege rule imposes a maximum limit of nine hours on the number of graduate-level hours that an undergraduate student may complete before completing an undergraduate degree and being formally admitted to the Graduate School.~~

Conditional admission into the BS/MS program does not guarantee acceptance into either the Graduate School or the MS program. Students in the BS/MS program must apply for admission to the Graduate School and to the MS program during their senior year of undergraduate study, following the same procedures that all other student applicants follow. A GRE score must be submitted as part of the application for admission into any graduate program in the Department of Food Science ~~and Technology~~. Students will be fully admitted to the MS program after they have been accepted both by the Graduate School and by the Food Science ~~and Technology~~ program. Students will not be eligible for graduate assistantships until they are enrolled as graduate-level students in the Graduate School.

Requirements for the Bachelor of Science in Food Science ~~and Technology~~ – Food Science ~~and Technology~~ Major – Five-Year BS/MS Program

Term 1	Hours	Milestone Notes
[1]Biological Sciences Electives*	4	2.0 cumulative GPA
ENGL 101* or ENGL 118*	3	
FDSC ~~FDST~~ 100	3	
[2]MATH 125*, MATH 141*, MATH 147*, or MATH 151*	3	
[4]Arts and Humanities*, Cultures and Civilizations*, or Social Sciences* Elective	3	
Term 2		
[4]Arts and Humanities*, Cultures and Civilizations*, or Social Sciences* Elective	3	2.0 cumulative GPA
CHEM 120* or CHEM 128*	4	ENGL 101*
ENGL 102*	3	One Arts and Humanities* or Cultures and Civilizations*, or Social Sciences* Elective
[4]FDSC ~~FDST~~150* or other Cultures and Civilizations Elective*	3	
NUTR 100*	3	
Term 3		
[4]Arts and Humanities*, Cultures and Civilizations*, or Social Sciences* Elective	3	2.0 cumulative GPA
CHEM 130* or CHEM 138*	4	CHEM 100* or CHEM 120*
FDSC ~~FDST~~ 241	3	One Quantitative Reasoning Elective*
MATH 115*, MATH 152*, STAT 201*, or STAT 207*	3	
MICR 210*	3	
Term 4		
[4]Arts and Humanities*, Cultures and Civilizations*, or Social Sciences* Elective	3	2.0 cumulative GPA
CHEM 260 ~~CHEM 350~~	3	FDSC ~~FDST~~ 100 or FDSC ~~FDST~~ 241
[4]Communicating Orally Elective*	3	
FDSC ~~FDST~~ 201	1	
PHYS 221*	4	
[4]Communicating through Writing Elective*	3	
Term 5		
[4]Arts and Humanities*, Cultures and Civilizations*, or Social Sciences* Elective	3	2.0 cumulative GPA
CHEM 360, CHEM 369	5	CHEM 130*
FDSC ~~FDST~~ 390	3	Two Arts and Humanities* or Cultures and Civilizations*, or Social Sciences* Electives
FDSC 361 ~~FDST 461~~ or FDSC 362 ~~FDST 462~~	3	
[3]Unrestricted Elective	3	
Term 6		
FDSC ~~FDST~~ 493	3	Apply for conditional admission to graduate program after completion of at least 90 credit hours with maximum of 3 hours of FDSC ~~FDST~~ 493 and FDSC ~~FDST~~ 499 combined.
BCMB 230 or BCMB 311 or BCMB 401	4-5	Start working on research project
FDSC ~~FDST~~ 430	3	
FDSC ~~FDST~~ 410 or FDSC ~~FDST~~ 418 (Both BS/MS credit)	4	
Term 7		
FDSC 341, FDSC ~~FDST~~ 401, FDSC ~~FDST~~ 415, ~~FDST 441~~	9	Apply to graduate
FDSC ~~FDST~~ 421 or FDSC ~~FDST~~ 428 and FDSC	5	

~~FDST~~ 429 (Both BS/MS credit)		
Term 8		
FDSC ~~FDST~~ 445	3	Establish graduate advisory committee before completing BS degree
FDSC ~~FDST~~ 495	3	
[3]Unrestricted Electives	3-4	
MS PLSC 525 - Research Ethics for the Life Sciences	1	
TOTAL	**120**	

Rationale: Chemistry is dropping CHEM 350 and replacing it with CHEM 260.

CHANGE NAME OF MAJOR, REVISE TEXT, REVISE REQUIREMENTS

Food Science ~~and Technology~~ Major, BS in Food Science – Pre-Professional 3+1 Concentration
(Paragraph 1)

The programs in pre-dental, pre-medicine, pre-pharmacy, and pre-veterinary medicine allow students to be awarded a Bachelor of Science in Food Science with a major in food science ~~and technology~~ after three years and the successful completion of the first year (two semesters) in UT-Memphis dental or medical programs or the University of Tennessee College of Veterinary Medicine. The last 30 hours of the three-year curriculum must be taken at the University of Tennessee, Knoxville. A total of 120 hours must be completed by the end of the first year in professional school. No later than December 31 of the student's first year in professional school (s)he should contact the Department of Food Science ~~and Technology~~ to check on graduation procedures for this program.

Requirements for the Bachelor of Science in Food Science – Food Science ~~and Technology~~ Major – Pre-Professional 3+1 Concentration

Term 1	Hours	Milestone Notes
BIOL 150* or BIOL 158*, BIOL 159*	5	2.7 cumulative GPA
CHEM 120* or CHEM 128*	4	
ENGL 101* or ENGL 118*	3	
FDSC ~~FDST~~ 100	3	
[1]MATH 125* or MATH 141* or MATH 147*	3	
Term 2		
BIOL 160* or BIOL 168*	3	2.7 cumulative GPA
CHEM 130* or CHEM 138*	4	BIOL 150*-BIOL 159* or CHEM 120*
ENGL 102*	3	
[2] FDSC ~~FDST~~ 150* or other Cultures and Civilizations Elective*	3	
[2]Social Sciences Elective*	3	
Term 3		
CHEM 260 ~~CHEM 350~~	3	3.0 cumulative GPA
[3]Directed Pre-Professional Elective	3	One Arts and Humanities*, Cultures and Civilizations*, or Social Sciences* Elective
FDSC ~~FDST~~ 241	3	BIOL 160* or CHEM 130*
BIOL 220 and BIOL 229 or MICR 210*	3-4	ENGL 102*
[2]Social Sciences Elective*	3	MATH 125* or MATH 141*
Term 4		
[2]Arts and Humanities Elective*	3	3.0 cumulative GPA
CHEM 360, CHEM 369	5	FDSC ~~FDST~~ 100
[2]Communicating Orally Elective*	3	
[3]Directed Pre-Professional Elective	3	
FDSC ~~FDST~~ 201	1	
Term 5		
FDSC ~~FDST~~ 421 or FDSC ~~FDST~~ 428	3	FDSC ~~FDST~~ 241
FDSC ~~FDST~~ 429	2	
MATH 115* or MATH 142* or STAT 201* or STAT 207*	3-4	
[3]Directed Pre-Professional Electives	8	
Term 6		
[2]Arts and Humanities Elective*	3	No milestones
[2]Cultures and Civilizations Elective*	3	
[3]Directed Pre-Professional Electives	7	
FDSC ~~FDST~~ 410 or FDSC ~~FDST~~ 418; and FDSC ~~FDST~~ 419	5	

This curriculum can meet the requirements for entrance to the UT professional programs in Memphis or UT Pre-Vet program. After the first successful year in the professional school, obtaining a minimum of 120 hours of college credit, the student will be awarded a Bachelor of Science in Food Science with a major in food science ~~and technology~~. Should the student not gain admittance after the junior year, the student will complete the requirements during the senior year for a major in food science ~~and technology~~ with a pre-professional concentration.

[3] Chosen from courses that meet pre-professional requirements for UT-Memphis or UT-Vet School. These may include BCMB 230, BCMB 401, BCMB 402; BIOL 240; CLAS 273; EEB 240; PHYS 221* and PHYS 222* should be taken for pre-professional programs that require one or both courses. Other courses that may also be selected include FDSC ~~FDST~~ 150*, ~~FDST 240~~, FDSC ~~FDST~~ 269, FDSC 341, FDSC 361, FDSC 362, FDSC ~~FDST~~ 390, FDSC ~~FDST~~ 415, FDSC ~~FDST~~ 430, ~~FDST 441,~~ FDSC ~~FDST~~ 442, FDSC ~~FDST~~ 445, ~~FDST 461~~, ~~FDST 462,~~ FDSC ~~FDST~~ 495 or FDSC ~~FDST~~ 493 (maximum of 3 hours).

Rationale: Chemistry is dropping CHEM 350 and replacing it with CHEM 260.

CHANGE NAME OF MAJOR, REVISE TEXT, REVISE REQUIREMENTS

Food Science ~~and Technology~~ Major, BS in Food Science – Pre-Professional Concentration
(Paragraph 1)

The programs in pre-dental, pre-medicine, pre-pharmacy, and pre-veterinary medicine allow students to be awarded a Bachelor of Science in Food Science with a major in food science ~~and technology~~ after three years and the successful completion of the first year (two semesters) in UT-Memphis dental or medical programs or the University of Tennessee College of Veterinary Medicine. The last 30 hours of the three-year curriculum must be taken at the University of Tennessee, Knoxville. A total of 120 hours must be completed by the end of the first year in professional school. No later than December 31 of the student's first year in professional school (s)he should contact the Department of Food Science ~~and Technology~~ to check on graduation procedures for this program.

Requirements for the Bachelor of Science in Food Science – Food Science ~~and Technology~~ Major – Pre-Professional Concentration

Term 1	Hours	Milestone Notes
BIOL 150* or BIOL 158*, BIOL 159*	5	2.7 cumulative GPA
ENGL 101* or ENGL 118*	3	
FDSC ~~FDST~~ 100	3	
[1]MATH 125* or MATH 141* or MATH 147*	3	
[2]Unrestricted Elective	1	
Term 2		
BIOL 160* or BIOL 168*	3	2.7 cumulative GPA
CHEM 120* or CHEM 128*	4	
ENGL 102*	3	
[3] FDSC ~~FDST~~ 150* or other Cultures and Civilizations Elective*	3	
[3]Social Sciences Elective*	3	
Term 3		
CHEM 130* or CHEM 138*	4	3.0 cumulative GPA
[4]Directed Pre-Professional Elective	3	BIOL 150*-BIOL 159* or CHEM 120*
FDSC ~~FDST~~ 241	3	ENGL 102*
NUTR 100*	3	
[3]Social Sciences Elective*	3	
Term 4		
[3]Arts and Humanities Elective*	3	3.0 cumulative GPA
CHEM 260 ~~CHEM 350~~	3	BIOL 160* or CHEM 130*
[3]Communicating Orally Elective*	3	FDSC ~~FDST~~ 100
[4]Directed Pre-Professional Electives	4	
FDSC ~~FDST~~ 201	1	
Term 5		
[3]Arts and Humanities Elective*	3	FDSC ~~FDST~~ 241
CHEM 360, CHEM 369	5	MATH 125* or MATH 141*
[4]Directed Pre-Professional Electives	4	
MATH 115* or MATH 142* or STAT 201* or STAT 207*	3-4	
Term 6		
[3]Communicating through Writing Elective*	3	No milestones
[4]Directed Pre-Professional Electives	4	
FDSC ~~FDST~~ 410 or FDSC ~~FDST~~ 418; and FDSC ~~FDST~~ 419	5	
BIOL 220 and BIOL 229 or MICR 210*	3-4	

Term 7		
[3]Cultures and Civilizations Elective*	3	Apply to graduate
[4]Directed Pre-Professional Elective	3	
FDSC ~~FDST~~ 429	2	
FDSC ~~FDST~~ 421 or FDSC ~~FDST~~ 428	3	
[5] FDSC ~~FDST~~ Elective	3	
Term 8		
[4]Directed Pre-Professional Elective	3	No milestones
[5] FDSC ~~FDST~~ Electives	6	
[2]Unrestricted Electives	7	
TOTAL	**120**	

[4] Chosen from courses that meet pre-professional requirements for UT-Memphis or UT-Vet School. These may include BCMB 230, BCMB 401, BCMB 402; BIOL 240; CLAS 273; EEB 240; PHYS 221* and PHYS 222* should be taken for pre-professional programs that require one or both courses. Other courses that may also be selected include FDSC ~~FDST~~ 150*, ~~FDST 240~~, FDSC ~~FDST~~ 269, FDSC 341, FDSC 361, FDSC 362, FDSC ~~FDST~~ 390, FDSC ~~FDST~~ 415, FDSC ~~FDST~~ 430, ~~FDST 441~~, FDSC ~~FDST~~ 442, FDSC ~~FDST~~ 445, ~~FDST 461~~, FDSC ~~FDST 462~~, FDSC ~~FDST~~ 493 or FDSC ~~FDST~~ 495 (maximum of 3 hours).

[5] Chosen from FDSC ~~FDST~~ 150*, ~~FDST 240~~, FDSC ~~FDST~~ 269, FDSC 341, FDSC 361, FDSC 362, FDSC ~~FDST~~ 390, FDSC ~~FDST~~ 415, FDSC ~~FDST~~ 430, ~~FDST 441~~, FDSC ~~FDST~~ 442, FDSC ~~FDST~~ 445, ~~FDST 461~~, ~~FDST 462~~, FDSC ~~FDST~~ 493 or FDSC ~~FDST~~ 495 (maximum of 3 hours).

Rationale: Chemistry is dropping CHEM 350 and replacing it with CHEM 260.

CHANGE NAME OF MAJOR, REVISE REQUIREMENTS

Requirements for the Bachelor of Science in Food Science – Food Science ~~and Technology~~ Major – Science Concentration

Term 1	**Hours**	**Milestone Notes**
[1]Biological Sciences Electives*	4-5	2.0 cumulative GPA
ENGL 101* or ENGL 118*	3	
FDSC ~~FDST~~ 100	3	
[2]MATH 125*, MATH 141*, MATH 147*, or MATH 151*	3-4	
[3]Unrestricted Elective	1	
Term 2		
[4]Arts and Humanities*, Cultures and Civilizations*, or Social Sciences* Elective	3	2.0 cumulative GPA
CHEM 120* or CHEM 128*	4	ENGL 101*
ENGL 102*	3	One Arts and Humanities*, Cultures and Civilizations*, or Social Sciences* Elective
[4] FDSC ~~FDST~~ 150* or other Cultures and Civilizations Elective*	3	
NUTR 100*	3	
Term 3		
[4]Arts and Humanities*, Cultures and Civilizations*, or Social Sciences* Elective	3	2.0 cumulative GPA
CHEM 130* or CHEM 138*	4	CHEM 100* or CHEM 120*
FDSC ~~FDST~~ 241	3	One Quantitative Reasoning Elective*
MATH 115*, MATH 142*, MATH 152*, STAT 201*, or STAT 207*	3-4	
MICR 210* or BIOL 220 and BIOL 229	3-4	
Term 4		
[4]Arts and Humanities*, Cultures and Civilizations*, or Social Sciences* Elective	3	2.0 cumulative GPA
CHEM 260 ~~CHEM 350~~	3	FDSC ~~FDST~~ 100, FDSC ~~FDST~~ 241
[4]Communicating Orally Elective*	3	
FDSC ~~FDST~~ 201	1	
PHYS 221*	4	
[3]Unrestricted Elective	1	
Term 5		
[4]Arts and Humanities*, Cultures and Civilizations*, or Social Sciences* Elective	3	2.0 cumulative GPA
CHEM 360, CHEM 369	5	CHEM 130*
FDSC ~~FDST~~ 390	3	Two Arts and Humanities*, Cultures and Civilizations*, or Social Sciences* Electives

FDSC 361 ~~FDST 461~~ or FDSC 362 ~~FDST 462~~	3	
[3]Unrestricted Elective	3	
Term 6		
[4]Arts and Humanities*, Cultures and Civilizations*, or Social Sciences* Elective	3	No milestones
BCMB 230 or BCMB 311 or BCMB 401 or NUTR 311	3-5	
[4]Communicating through Writing Elective*	3	
FDSC ~~FDST~~ 410 or FDSC ~~FDST~~ 418; and FDSC ~~FDST~~ 419	5	
Term 7		
FDSC 341, FDSC ~~FDST~~ 401, FDSC ~~FDST~~ 415, ~~FDST 441~~	9	Apply to graduate
FDSC ~~FDST~~ 421 or FDSC ~~FDST~~ 428; and FDSC ~~FDST~~ 429	5	
Term 8		
FDSC ~~FDST~~ 430	3	
FDSC ~~FDST~~ 445, FDSC ~~FDST~~ 493, FDSC ~~FDST~~ 495	9	No milestones
FDSC ~~FDST~~ 490	3	
TOTAL	**120-124**	

Rationale: This change will better reflect the programs in department and avoid any future confusion about Technology and Technical degrees. Impact on other units: None. Financial impact: None.
Rationale: Chemistry is dropping CHEM 350 and replacing it with CHEM 260.

END CONCENTRATION

Food Science and Technology Major, BS in Food Science – Technology Concentration

Rationale: After carefully evaluating our curricula, we have decided that this concentration is insufficiently rigorous for preparing students for careers in the food industry, specifically with regard to some natural science requirements required by our professional society, the Institute of Food Technologists (IFT). Currently, the Technology Concentration is not approved by IFT. Impact on other units: None. Financial impact: None.

REVISE REQUIREMENTS

Food Science Minor

Minor Requirements
The minor consists of 18 ~~16~~ credit hours.

Complete:
~~FDST 100 – Science of Food~~
FDSC ~~FDST~~ 241 - Food Preservation and Packaging
FDSC ~~FDST~~ 410 - Food Chemistry or FDSC ~~FDST~~ 418 - Honors: Food Chemistry
FDSC ~~FDST~~ 421 - Food Microbiology or FDSC ~~FDST~~ 428 - Honors: Food Microbiology

Select 9 ~~3~~ hours:
Any FDSC ~~FDST~~ courses, with no more than 3 hours of courses numbered below 300.

Rationale: Increasing the credit hour requirements increases the rigor of the minor making students who pursue the minor more competitive for career opportunities. Modifying the elective portion of the course options to minimize courses numbered below 300 is in keeping with the College's requirements for minors. This revision also incorporates the new departmental course prefix. Impact on other units: None. Financial impact: None

END MINOR

Food Technology Minor

Rationale: After careful evaluation of our curricula, we have decided that this minor concentration is insufficiently rigorous for preparing students for careers in the food industry, specifically given that it does not require Food Chemistry or Food Microbiology, two areas essential as background for anyone pursuing a career in the food industry. Historically, very few students have pursued this minor. Impact on other units: None. Financial impact: None.

DEPARTMENT OF FORESTRY, WILDLIFE, AND FISHERIES

(FORS) Forestry

Forestry Major, BS in Forestry – Forest Resources Management Concentration

REVISE TEXT
(Add at end of current text)

To remain in the Forest Resources Management concentration, students must maintain a 2.5 cumulative GPA and earn no less than a C grade in FWF 212. If a student does not meet the aforementioned criteria, the student will be removed from the Forest Resources Management concentration, and the student must meet with their advisor to identify an alternative major.

REVISE REQUIREMENTS

Bachelor of Science in Forestry • Forestry Major • Forest Resources Management Concentration

Term 1	Hours	Milestone Notes
BIOL 113* and BIOL 115	5	2.5 ~~2.0~~ cumulative GPA
CHEM 100* or CHEM 120	4	
ENGL 101* or ENGL 118*	3	
FORS 100	3	
Term 2		
BIOL 114*	4	2.5 ~~2.0~~ cumulative GPA
ENGL 102*	3	~~One general education elective*~~
MATH 125*	3	
[1]Social Sciences Elective*	3	
[2]Unrestricted Elective	3	
Term 3		
[3]Cultures and Civilizations Elective*	3	2.5 ~~2.0~~ cumulative GPA
CMST 210*, CMST 217*, CMST 240*, or CMST 247*	3	FWF 212 with grade C or better
ESS 210	4	~~One additional general education elective*~~
FORS 214 or FORS 217	3	
FWF 212	3	
Term 4		
AREC 201* or ECON 201*	4	2.5 ~~2.0~~ cumulative GPA
FWF 430 or BSET 326 or GEOG 411	3	2.5 major GPA
[3]Cultures and Civilizations Elective*	3	~~One additional general education elective*~~
FORS 215	3	ENGL 101 or ENGL 118; ENGL 102; MATH 125; CHEM 100 or CHEM 120; MATH 115 or STAT 201 or STAT 207; FOR 215
STAT 201* or STAT 207* or MATH 115*	3	
Term 5		
EPP 411	3	2.5 ~~2.0~~ cumulative GPA
FORS 321* or FORS 327*; and FORS 331 or FORS 337	5	2.5 major GPA
FWF 317; and FWF 320 or FWF 420 or SOCI 360 or SOCI 465	6	~~One additional general education elective*~~
Term 6		
PHIL 101* or PHIL 244* or PHIL 252*	3	2.5 ~~2.0~~ cumulative GPA
FORS 314 or FORS 317	2	2.5 major GPA
FWF 310, FWF 312*, FWF 313	7	
[2]Unrestricted Elective	2	

Rationale: This will provide an early indicator for students and advisors that students may not have the skill set/practices to succeed in the Forest Resources Management concentration. This change will induce students to alter their practices and/or begin to search for alternative major and career opportunities at an early stage in their undergraduate career. Impact on other units: None. Financial impact: None.

Forestry Major, BS in Forestry – Restoration and Conservation Science Concentration

REVISE TEXT
(Add at end of current text)

To remain in the Restoration and Conservation Science concentration, students must maintain a 2.5 cumulative GPA and earn no less than a C grade in FWF 212. If a student does not meet the aforementioned criteria, the student will be removed from the Restoration and Conservation Science concentration, and the student must meet with their advisor to identify an alternative major.

REVISE REQUIREMENTS

Requirements for the Bachelor of Science in Forestry • Forestry Major • Restoration and Conservation Science Concentration

Term 1	Hours	Milestone Notes
BIOL 101* or BIOL 113* and BIOL 115* or BIOL 150/BIOL 159*	4-5	2.5 ~~2.0~~ cumulative GPA
ENGL 101* or ENGL 118*	3	
FORS 100	3	
CHEM 100* or CHEM 120* or CHEM 128*	4	
Term 2		
[1]Cultures and Civilizations Elective*	3	2.5 ~~2.0~~ cumulative GPA
[1]PHIL 101* or PHIL 244* or PHIL 252*	3	~~One general education elective*~~
ENGL 102*	3	
MATH 125*	3	
FWF 250*	3	
Term 3		
CMST 210*, CMST 217*, CMST 240*, or CMST 247*	3	2.5 ~~2.0~~ cumulative GPA
[1]Cultures and Civilizations Elective*	3	FWF 212 with grade C or better
ESS 210	4	~~One additional general education elective*~~
BIOL 114* or FORS 214 or FORS 217	3	
FWF 212	3	
Term 4		
AREC 201* or ECON 201* or ECON 207*	4	2.5 ~~2.0~~ cumulative GPA
FORS 215 or BIOL 260/BIOL 269	3-4	2.5 major GPA
[1]Arts and Humanities Elective*	3	~~One additional general education elective*~~
STAT 201* or STAT 207* or MATH 115*	3	ENGL 101 or ENGL 118; ENGL 102; MATH 125; CHEM 100 or CHEM 120 or CHEM 128; BIOL 101 or BIOL 113/114/115 or BIOL 150; MATH 115 or STAT 201 or STAT 207; BIOL 260 or FOR 215
~~2~~[1]Social Sciences Elective*	3	
Term 5		
[3]Technical Elective	3	2.5 ~~2.0~~ cumulative GPA
EEB 330 or FWF 325	3	2.5 major GPA
GEOL 454	3	~~One additional general education elective*~~
FWF 317 ~~and FWF 320 or SOC 360 or SOC 465~~	~~3 6~~	
FWF 320 or SOC 360 or SOC 465	3	
Term 6		
[3]Technical Elective	3	2.5 ~~2.0~~ cumulative GPA
FWF 324	3	2.5 major GPA
FWF 310, FWF 312*, FWF 313	7	
[6]ESS 424 or GEOG 436	3	
Term 8		
[3]Technical Elective	2	No milestones
FWF 430 or BSET 326 or GEOG 411	3	
FORS 422	3	
FWF 416	3	
~~4 5~~Communications Elective	3	
TOTAL	**120**	

[3] Technical Electives provide the student with advanced skills and knowledge of areas within or closely related to Restoration and Conservation. Students may choose to group technical electives in a particular area or select courses that will count toward a minor, and should work with their advisor early in their program to ensure that prerequisites are met for the courses chosen. Chosen from AGNR 420, AGNR 491; ~~AREC 315~~AREC 314; BSET 355, BSET 474; ECON 362; EEB 353, EEB 404, EEB 415, EEB 421, EEB 426, EEB 433, EEB 470, EEB 474, EEB 484; EPP 411; ESS 454, ESS 462; FORS 314, FORS 321, FORS 335, FORS 423, FORS 433; ~~FWF 499~~; GEOG 439; GEOL 201, GEOL 450, GEOL 466; PLSC 280, PLSC 350, PLSC 421, PLSC 460; WFS 433, WFS 441, WFS 443, WFS 445. Of these, at least 6 credits must be at the 300 level or above. A maximum of 3 credits is allowed for FWF 499. ~~Chosen from AGNR 491; BSET 355, BSET 474; ECON 362; EEB 353, EEB 404, EEB 415, EEB 421, EEB 426, EEB 433, EEB 470, EEB 474, EEB 484; ESS 454, ESS 462; FORS 314, FORS 321, FORS 335, FORS 423, FORS 433; FWF 420, FWF 499; GEOG 439; GEOL 201, GEOL 450; PLSC 280, PLSC 350, PLSC 421, PLSC 460; SOCI 360; WFS 433, WFS 443, WFS 445. Of these, at least 6 credits must be at the 300 level or above. A maximum of 3 credits is allowed for FWF 499. Note that some of these courses have prerequisites.~~

[4] ~~Students may choose to group their 7-9 hours of technical electives in a particular area such as Wildlife Habitat (chosen from EEB 353, EEB 404, EEB 426; WFS 433, WFS 445); Watershed Conservation (chosen from BSET 474; EEB 404, EEB 470, EEB 474; ESS 462, GEOL 450; SOCI 360; WFS 433, WFS 443); Ecosystem Construction (chosen from BSET 355; PLSC 280, PLSC 350,~~

~~PLSC 421, PLSC 460); or Ecology and Biodiversity (chosen from EEB 404, EEB 415, EEB 421, EEB 433, EEB 470, EEB 484; ESS 454; GEOG 413, GEOG 435, GEOG 439; GEOL 201; WFS 433, WFS 445).~~

[4] [5]Communications elective chosen from ALEC 440; ENGL 295*, ENGL 355*, ENGL 360*, ENGL 363, ENGL 364, ENGL 455*, ENGL 456, ENGL 460, ENGL 463, ENGL 464; JREM 414, JREM 450*, JREM 451*.

Rationale: This will provide an early indicator for students and advisors that students may not have the skill set/practices to succeed in the Restoration and Conservation Science concentration. This change will induce students to alter their practices and/or begin to search for alternative major and career opportunities at an early stage in their undergraduate career. Impact on other units: None. Financial impact: None.

Forestry Major, BS in Forestry – Urban Forestry Concentration

REVISE TEXT
(Add at end of current text)

To remain in the Urban Forestry concentration, students must maintain a 2.5 cumulative GPA and earn no less than a C grade in FWF 212. If a student does not meet the aforementioned criteria, the student will be removed from the Urban Forestry concentration, and the student must meet with their advisor to identify an alternative major.

REVISE REQUIREMENTS

Requirements for the Bachelor of Science in Forestry • Forestry Major • Urban Forestry Concentration

Term 1	Hours	Milestone Notes
BIOL 113*	3	2.5 ~~2.0~~ cumulative GPA
CHEM 100*	4	
ENGL 101* or ENGL 118*	3	
FORS 100	3	
PLSC 226	3	
Term 2		
[1]Arts and Humanities Elective*	3	2.5 ~~2.0~~ cumulative GPA
BIOL 114* and BIOL 115*	5	~~One general education elective*~~
ENGL 102*	3	
MATH 125*	3	
[2]Social Sciences Elective*	3	
Term 3		
CMST 210*, CMST 217*, CMST 240*, or CMST 247*	3	2.5 ~~2.0~~ cumulative GPA
[1]Cultures and Civilizations Elective*	3	FWF 212 with grade C or better
ESS 210	4	~~One additional general education elective*~~
FORS 214 or FORS 217	3	
FWF 212	3	
Term 4		
AREC 201* or ECON 201* or ECON 207*	4	2.5 ~~2.0~~ cumulative GPA
BIOL 260-BIOL 269 or FORS 215	3-4	2.5 major GPA
PLSC 280	3	~~One additional general education elective*~~
STAT 201* or STAT 207* or MATH 115*	3	ENGL 101 or ENGL 118; ENGL 102; MATH 125; CHEM 100 or CHEM 120; MATH 115 or STAT 201 or STAT 207; FOR 215 or BIOL 260
Term 5		
[1]Cultures and Civilizations Elective* ~~[1]Arts and Humanities Elective*~~	3	2.5 ~~2.0~~ cumulative GPA
EPP 411	3	2.5 major GPA
FORS 321* or FORS 327*	3	~~One additional general education elective*~~
FWF 317, FWF 320 or FWF 420 or SOCI 360 or SOCI 465	6	
Term 6		
FWF 430 or BSET 326 or GEOG 411	3	2.5 ~~2.0~~ cumulative GPA
~~[1]Cultures and Civilizations Elective*~~	~~3~~	2.5 major GPA
FORS 314 or FORS 317	2	
FORS 335	3	
FWF 312*, FWF 313	6	
Term 7		
FORS 323, FORS 329, FORS 345, ~~FORS 430,~~ FORS 433, FORS 435, FORS 496	14 ~~12~~	Apply to graduate
~~FORS 331 or FORS 337~~	~~2~~	

WFS 350	1	
Term 8		
[3]Communications Elective	3	No milestones
PHIL 101* or PHIL 244* or PHIL 252* [4]~~Ethics Elective~~	3	
FORS 422	3	
FWF 416	3	
[5]Unrestricted Elective	3 ~~0-1~~	
TOTAL	**120**	

[1] Chosen from the University General Education list. Students must complete one ~~two~~ course~~s~~ from the Arts and Humanities list and two courses from the Cultures and Civilizations list.

[4] ~~Ethics elective chosen from PHIL 101*, PHIL 130, PHIL 252*, PHIL 340*, PHIL 345*, PHIL 346*, PHIL 391*. If the student selects an ethics elective that satisfies the Arts and Humanities general education requirement, the student may select an additional unrestricted elective in lieu of the Arts and Humanities elective.~~

[4] [5] Any courses not already required for the major.

Rationale: This will provide an early indicator for students and advisors that students may not have the skill set/practices to succeed in the Urban Forestry concentration. This change will induce students to alter their practices and/or begin to search for alternative major and career opportunities at an early stage in their undergraduate career. Impact on other units: None. Financial impact: None.

Forestry Major, BS in Forestry – Wildland Recreation Concentration

REVISE TEXT
(Add at end of current text)

To remain in the Wildland Recreation concentration, students must maintain a 2.5 cumulative GPA and earn no less than a C grade in FWF 212. If a student does not meet the aforementioned criteria, the student will be removed from the Wildland Recreation concentration, and the student must meet with their advisor to identify an alternative major

REVISE REQUIREMENTS

Requirements for the Bachelor of Science in Forestry • Forestry Major • Wildland Recreation Concentration

Term 1	Hours	Milestone Notes
[1]Arts and Humanities or Cultures and Civilizations Elective*	3	2.5 ~~2.0~~ cumulative GPA
BIOL 101* or BIOL 113*/BIOL 115 or BIOL 150*-BIOL 159* or BIOL 158*-BIOL 167*	4-5	
ENGL 101* or ENGL 118*	3	
FORS 100	3	
[2]Unrestricted Elective (AGNR 291/AGNR 292 or GEOL 203 recommended)	2-3	
Term 2		
BIOL 102* or BIOL 114* or BIOL 160* or BIOL 168*	3-4	2.5 2.0 cumulative GPA
CHEM 100* or CHEM 120* or CHEM 128*	4	One general education elective*
ENGL 102*	3	
MATH 125*	3	
[3]Social Sciences Elective*	3	
Term 3		
[1]Arts and Humanities or Cultures and Civilizations Elective*	3	2.5 ~~2.0~~ cumulative GPA
CMST 210*, CMST 217*, CMST 240*, or CMST 247*	3	FWF 212 with grade C or better
ESS 210	4	~~One additional general education elective*~~
FORS 214 or FORS 217	3	
FWF 212	3	
Term 4		
AREC 201* or ECON 201* or ECON 207*	4	2.5 ~~2.0~~ cumulative GPA
[1]Arts and Humanities or Cultures and Civilizations Elective*	3	2.5 major GPA
[4]Communications Elective	3	~~One additional general education elective*~~
FORS 215	3	ENGL 101 or ENGL 118; ENGL 102; MATH 125; CHEM 100 or CHEM 120; BIOL 101/102 or BIOL 113/114/115 or BIOL 150/160; MATH 115 or STAT 201 or STAT 207; BIOL 260 or FOR 215
MATH 115* or STAT 201* or STAT 207*	3	
Term 5		
FORS 321* or FORS 327*	3	2.5 ~~2.0~~ cumulative GPA
FWF 317, FWF 320 or FWF 420 or SOC 360 or SOC 465	6	2.5 major GPA

[5]GIS Electives	3-4	~~One additional general education elective*~~
[6]Plant Sciences Elective	2-3	
Term 6		
FORS 423	3	2.5 ~~2.0~~ cumulative GPA
FWF 312*, FWF 313	6	2.5 major GPA
[7]Recreation Elective	3	
[8]Sociology Elective	3	

Rationale: This will provide an early indicator for students and advisors that students may not have the skill set/practices to succeed in the Wildland Recreation concentration. This change will induce students to alter their practices and/or begin to search for alternative major and career opportunities at an early stage in their undergraduate career. Impact on other units: None. Financial impact: None.

(WFS) Wildlife and Fisheries

Wildlife and Fisheries Science Major, BS in Wildlife and Fisheries Science – Wildlife and Fisheries Management Concentration

REVISE TEXT
(Add at end of current text)

To remain in the Wildlife and Fisheries Science Management concentration, students must maintain a 2.5 cumulative GPA; 2.5 major GPA, starting in Term 4; and earn no less than a B grade in FWF 250 and no less than a C grade in FWF 212. If a student does not meet the aforementioned criteria, the student will be removed from the Wildlife and Fisheries Management concentration, and the student must meet with their advisor to identify an alternative major.

REVISE REQUIREMENTS

Requirements for the Bachelor of Science in Wildlife and Fisheries Science • Wildlife and Fisheries Science Major • Wildlife and Fisheries Management Concentration

Term 1	Hours	Milestone Notes
[1]Arts and Humanities Elective or Cultures and Civilizations Elective*	6	2.5 ~~2.0~~ cumulative GPA
BIOL 150* or BIOL 158*	3	
ENGL 101* or ENGL 118*	3	
WFS 100 ~~or WFS 101~~	1	
Term 2		
MATH 125 ~~CHEM 120* or CHEM 128*~~	4	2.5 ~~2.0~~ cumulative GPA
BIOL 159* or BIOL 167* and BIOL 160* or BIOL 168*	5	FWF 250 with grade B or better
ENGL 102*	3	~~One general education elective*~~
FWF 250*	3	
Term 3		
[2]GIS Elective ~~BSET 326 or GEOG 311 or GEOG 411 or GEOG 413 or FWF 430~~	3	2.5 ~~2.0~~ cumulative GPA
ENGL 295* or ENGL 360*	3	FWF 212 with grade C or better
ESS 210	4	~~One additional general education elective*~~
FWF 212	3	
CHEM 120* or CHEM 128* ~~MATH 125*~~	3	
Term 4		
[1]Social Science Elective* ~~ANSC 220 or BCMB 230 or EEB 353 or WFS 431 or WFS 450~~	3	2.5 ~~2.0~~ cumulative GPA
AREC 201* or ECON 201* or ECON 207*	4	2.5 major GPA
BIOL 260 or FORS 215	2-3	ENGL 101 or ENGL 118; ENGL 102; CHEM 120 or CHEM 128; BIOL 150 or BIOL 158; BIOL 159 or BIOL 167; BIOL 160 or 168; MATH 115 or STAT 201 or STAT 207; MATH 125; BIOL 260 or FOR 215
ALEC 240* or CMST 210* or CMST 217* or CMST 240* or CMST 247*	3	
MATH 115* or STAT 201* or STAT 207*	3	
Term 5		
[3]Anatomy and Physiology Elective [4]~~Social Sciences Elective*~~	3	2.5 ~~2.0~~ cumulative GPA
FWF 317	4	2.5 major GPA
[4]Plant Elective ~~EEB 330 or EEB 414 or EEB 424 or EEB~~	3-4	~~One additional general education elective*~~

~~426 or EEB 433 or EEB 463 or FWF 325 or PLSC 421~~		
[5]Aquatic Science Elective ~~EEB 470 or ESS 424 or EEB 462 or GEOL 459 or GEOL 485~~	3	
EEB 474	3	
Term 6		
FWF 310, FWF 312*, FWF 313	7	2.5 ~~2.0~~ cumulative GPA
[1]Arts and Humanities Elective or Cultures and Civilizations Elective*	3	2.5 major GPA
[6] Wildlife Ecology and Management Electives ~~Select two of the following: WFS 433, WFS 444, WFS 445~~	6	~~One additional general education elective*~~
Term 7		
FWF 415	2	Apply to graduate
WFS 305, WFS 324, WFS 340, WFS 350, WFS 440, WFS 442	12	
Term 8		
[1]Arts and Humanities Elective or Cultures and Civilizations Elective*	3	No milestones
[7]Human Dimensions Elective ~~FORS 422 or FWF 320 or FWF 420 or SOCI 360 or SOCI 465~~	3	
FWF 416	3	
[8] Science Elective	2	
WFS 443 or WFS 452	3	
WFS 461	1	
TOTAL	**120-122**	

[2] GIS Elective- Chosen from FWF 430 or BSET 326 or GEOG 311 or GEOG 411 or GEOG 413. ~~Chosen from any 300-level and above wildlife and fisheries science; forestry, wildlife and fisheries; forestry; or ecology and evolutionary biology courses.~~
[3] Anatomy and Physiology Elective- Chosen from ANSC 220 or BCMB 230 or EEB 353 or WFS 431 or WFS 450.
[4] Plant Elective- Chosen from EEB 330 or EEB 414 or EEB 424 or EEB 426 or EEB 433 or FWF 325 or PLSC 421.
[5] Aquatic Science Elective- Chosen from WFS 441 or EEB 470 or ESS 424 or ESS 462 or GEOL 459 or GEOL 485.
[6] Wildlife Ecology and Management Elective- Select two of the following: WFS 433, WFS 444, WFS 445.
[7] Human Dimensions Elective- Chosen from FORS 422 or FWF 320 or FWF 420 or SOCI 360 or SOCI 465.
[8] Chosen from any 300-level and above wildlife and fisheries science (WFS); forestry (FOR); forestry, wildlife and fisheries (FWF); entomology and plant pathology (EPP); animal science (ANSC); ecology and evolutionary biology (EEB), microbiology (MICR); or biochemistry and cellular and molecular biology (BCMB) course.

Rationale: The new milestones will provide an early indicator for students and advisors that students may not have the skill set/practices to succeed in the Wildlife and Fisheries Science Management concentration. This change will induce students to alter their practices and/or begin to search for alternative major and career opportunities at an early stage in their undergraduate career. Impact on other units: None. Financial impact: None.

Wildlife and Fisheries Science Major, BS in Wildlife and Fisheries Science – Wildlife Health Concentration

REVISE TEXT
(Add at end of current text)

To remain in the Wildlife Health concentration, students must maintain a 2.5 cumulative GPA, 2.5 major GPA, and earn no less than a B grade in FWF 250. If a student does not meet the aforementioned criteria, the student will be removed from the Wildlife and Fisheries Management concentration, and the student must meet with their advisor to identify an alternative major.

REVISE REQUIREMENTS

Requirements for the Bachelor of Science in Wildlife and Fisheries Science – Wildlife and Fisheries Science Major – Wildlife Health Concentration

Term 1	Hours	Milestone Notes
BIOL 150* or BIOL 158*	3	2.5 ~~2.0~~ cumulative GPA
MATH 125*	3	
ENGL 101* or ENGL 118*	3	
[1]Arts and Humanities Elective or Cultures and Civilizations Elective*	3	
WFS 101	1	
~~WFS 100~~	~~1~~	
Term 2		
BIOL 160* or BIOL 168*; and BIOL 159 or BIOL 167*	5	2.5 ~~2.0~~ cumulative GPA
CHEM 120* or CHEM 128*	4	~~One general education course*~~

ENGL 102*	3	FWF 250 with grade B or better
FWF 250*	3	
WFS 100	1	
Term 3		
ANSC 220	3	2.5 ~~2.0~~ cumulative GPA
CHEM 130* or CHEM 138*	4	~~One additional general education course*~~
FWF 317	3	
[1]Arts and Humanities Elective or Cultures and Civilizations Elective*	3	
Term 4		
ANSC 340 or BIOL 240	3-4	2.5 ~~2.0~~ cumulative GPA
BIOL 260, BIOL 269	4	~~One additional general education course*~~
CHEM 260 ~~CHEM 350~~	3	2.5 major GPA
MATH 115* or STAT 201* or STAT 207*	3	ENGL 101 or ENGL 118; ENGL102; CHEM 120 or CHEM 128; BIOL 150 or BIOL 158; BIOL 159 or BIOL167; BIOL 160 or 168; MATH 115 or STAT 201 or STAT 207; MATH 125; BIOL 260 or FOR 215
[1]Social Sciences Elective*	3	
Term 5		
[2] ~~1~~Science Electives*	3-4	2.5 ~~2.0~~ cumulative GPA
ALEC 240* or CMST 210* or~~,~~ CMST 217* or~~,~~ CMST 240*~~,~~ or CMST 247*	3	~~One additional general education course*~~
PHYS 221*	4	2.5 major GPA
CHEM 360, CHEM 369	5	
Term 6		
AREC 201* or ECON 201* or ECON 207*	4	No milestones
[1]Arts and Humanities Elective or Cultures and Civilizations Elective*	3	2.5 cumulative GPA
PHYS 222~~*~~	4	2.5 major GPA
[3]Wildlife Ecology and Management Elective ~~WFS 433 or WFS 443 or WFS 444 or WFS 445~~	3	
Term 8		
[3]Wildlife Ecology and Management Electives ~~WFS 433 or WFS 443 or WFS 444 or WFS 445~~	6	No milestones
[4]Technical Elective ~~ANSC 280 or ANSC 320 or ANSC 330 or ANSC 380 or ANSC 489 or BSET 326 or EPP 425 or EPP 525 or GEOG 411~~	3	
WFS 401	3	
BCMB 311	3	

[3] Wildlife Ecology and Management Electives – Select from the following: WFS 433, WFS 443, WFS 444, WFS 445. ~~Chosen from any 300-level and above from animal science; biosystems engineering technology; ecology and evolutionary biology; entomology and plant pathology; environmental and soil sciences; forestry; forestry, wildlife and fisheries; plant sciences; or GEOG 411, GEOG 413, GEOG 436.~~

[4] Technical Electives – Chosen from ANSC 280 or ANSC 320 or ANSC 330 or ANSC 380 or ANSC 489 or BSET 326 or FWF 430 or GEOG 311 or GEOG 411 or GEOG 413 or EPP 525.

Rationale: This will provide an early indicator for students and advisors that students may not have the skill set/practices to succeed in the Wildlife Health concentration. This change will induce students to alter their practices and/or begin to search for alternative major and career opportunities at an early stage in their undergraduate career. Impact on other units: None. Financial impact: None. Rationale: Chemistry is dropping CHEM 350 and replacing it with CHEM 260.

DEPARTMENT OF PLANT SCIENCES

(PLSC) Plant Sciences

REVISE REQUIREMENTS

Requirements for the Bachelor of Science in Plant Sciences – Plant Sciences Major – Bioenergy Concentration

Specialty Areas

Chemistry
CHEM 210 or 330 ~~CHEM 230 or CHEM 310~~; CHEM 260 ~~CHEM 350~~, CHEM 360, CHEM 369; FDSC ~~FDST~~ 410, FDSC ~~FDST~~ 419.

Microbiology

MICR 210* and above; FDSC ~~FDST~~ 421, FDSC ~~FDST~~ 429.

Rationale: Chemistry is dropping CHEM 350 and replacing it with CHEM 260.

REVISE REQUIREMENTS

Requirements for the Bachelor of Science in Plant Sciences – Plant Sciences Major – Biotechnology Concentration

Term 6		
CHEM 260 ~~CHEM 350~~	3	No milestones
ESS 334	3	
PLSC 453, PLSC 457	6	
[5]Plant Sciences Elective	3	

Rationale: Chemistry is dropping CHEM 350 and replacing it with CHEM 260.

REVISE REQUIREMENTS

Requirements for the Bachelor of Science in Plant Sciences – Plant Sciences Major – Landscape Design Concentration

Term 5		
[2]Cultures and Civilizations Elective*	3	Any CASNR course with grade of C or better
PLSC 350	3	Any two Arts and Humanities*, Cultures and Civilizations*, Quantitative Reasoning*, or Social Sciences* Electives
Select from: PLSC 226, PLSC 230, PLSC 240, PLSC 330, PLSC 311 ~~PLSC 360, PLSC 370~~	5-6	
[5]Unrestricted Elective	3	

REVISE REQUIREMENTS

Requirements for the Bachelor of Science in Plant Sciences – Plant Sciences Major – Organic Production Concentration

[3] Directed electives are courses that generally support and enhance a student's academic goals. These multidisciplinary courses were chosen to provide students the opportunity to develop basic and advanced skills beyond Plant Science's core requirements. The Plant Sciences Undergraduate Program Committee periodically reviews this list to identify appropriate courses for each concentration. If students believe that a course not on the list would meet this objective, they may propose this to their academic advisor to review before the start of the semester in which the student wishes to take the course. Additionally, components of an Entrepreneurship, Business Administration or Entomology and Plant Pathology Minor(s) are acceptable.

Chosen from any 200-level and above from Agricultural and Resource Economics, Animal Science, Biology, Business Administration, Biochemistry and Cellular and Molecular Biology, Biosystems Engineering, Biosystems Engineering Technology, Business Analytics and Statistics, Chemistry, Ecology and Evolutionary Biology, Entomology and Plant Pathology, Environmental and Soil Sciences, Food Science ~~and Technology~~, Forestry, Geology, Management, Marketing, Microbiology, Physics, Plant Sciences, Spanish, Statistics, or approved foreign language; and ACCT 200, ACCT 207; AGNR 291, AGNR 292, AGNR 481; ALEC 240*, ALEC 340; ANSC 160; AREC 212, AREC 342, AREC 442; ARTD 451, ARTD 452*; BUAD 103; BULW 301; DSGN 130*, DSGN 430; ECON 331; EF 130, EF 400; ENGL 295*, ENGL 360*; ENT 350, ENT 410, ENT 415, ENT 420, ENT 425, ENT 451, ENT 460; FDSC ~~FDST~~ 150*; FINC 300; GEOL 201*, GEOL 202*, GEOL 206*; JREM 450*, JREM 451*, JREM 456*; MARK 300, MARK 462; ME 457; MGT 201, MGT 300; MUSC 305; PHIL 130*; PHYS 101*; RCS 411, RCS 412; SOCI 360.

Requirements for the Bachelor of Science in Plant Sciences – Plant Sciences Major – Public Horticulture Concentration

Term 6		
PLSC 311 ~~PLSC 370~~, PLSC 410*, PLSC 434, PLSC 436	12	No milestones
[4]Directed Elective	3	

COLLEGE OF ARCHITECTURE AND DESIGN
All changes effective fall 2017

COURSE CHANGES

SCHOOL OF ARCHITECTURE

Program Learning Outcomes for B. Architecture

1. Graduates of the Bachelor of Architecture (B. Arch) program will be able to demonstrate that they have the basic knowledge, skills, and abilities necessary to enter the profession and to become licensed architects.
2. Graduating students must demonstrate the ability to build abstract relationships and understand the impact of architectural design based on research and analysis of multiple theoretical, social, political, economic, cultural and environmental contexts.
3. Integrating Building Practices, Technical Skills and Knowledge: Graduating students must demonstrate a comprehension of the technical aspects of design, systems and materials, and be able to apply that comprehension in their coursework.
4. Leadership and Practice: Graduating students must have an understanding of the architect's role in managing and advocating for legal, ethical, and critical action for the good of the client, society and the public.

(ARCH) Architecture

REVISE TITLE AND COURSE DESCRIPTION

ARCH 121 Representation I: Visual Logic and Perception (2) Introduction of analog and digital representation methods in two and three dimensions. Emphasis is on learning how various techniques impact design exploration and visual logic through drawing, visualization, and analysis, including drawing conventions, representational and graphic structure.

Formerly: Representation I: Drawing and Perception. Exploration of drawing as a means of visual thinking and methods of communication addressing perceptual phenomena, abstraction and transformation. Exploration of different media. Compositional principles will be introduced. Drawings based on observation, including still life drawing and site visits.

ARCH 122 Representation II: Intention and Communication (2) Exploration of analog and digital representation methods and their relationships to design intent. Emphasis is on developing an understanding of how a variety of media address perceptual phenomena, abstraction, concepts of mapping and diagramming.

Formerly: Representation I: Drawing and Intention. Exploration of drawing as a means of visual thinking and a method of communication, emphasizing design intent and its relationship to the mode of representation. Exploration of different media and techniques of representation, concentrating on constructed drawing, shadow, shade and perspective. Drawings based on observation and precedent. Introductory digital skills related to scanning, image manipulation, layout and printing.

Rationale: The changes reflect a disciplinary and academic move to integrate digital representation and skill development earlier in design education. Over the past several years, the college (architecture and interior design) has been introducing digital content in 121 and 122, addressing it as a representational medium with comparable relationship to hand crafted representation. Removal of the work "drawing" from the title also eliminates a misconception that these courses are focused on "drafting," which is considered more a prescriptive technical skill than academic inquiry. Impact on Other Academic Units: None. Financial Impact: None. Supports Program Learning Outcome 1 for B. Arch.

REVISE TITLE, COURSE DESCRIPTION, (RE) PREREQUISITE(S), AND (RE) COREQUISITE(S)

ARCH 221 Representation III: Digital Workflow (2) Development of a systemic understanding of representational workflows across multiple platforms. Emphasis is placed on translating between multiple tools, techniques, and design ambitions while leveraging potentials created by computational power.
(RE) Prerequisite(s) 122; (RE) Corequisite(s): 271 or Interior Architecture 271.

Formerly: Representation I: Digital Media. Exploration of basic computer-aided design programs in the representation of three dimensions. Emphasis is placed on learning how the computer can assist in the design process through representation, visualization, and analysis. Drawing conventions, the use of color and printing protocols will also be included.
(RE) Prerequisite(s) 172; (RE) Corequisite(s): 271 or Interior Design 271.

Rationale: Formerly, 221 had been an introduction to digital representation focusing on skill development. The new description maintains its content as primarily digital, but suggests that it is more conceptual and exploratory to relate to design courses and builds upon the material introduced in the first two representation courses. The modification of prerequisite for 221 adjusts the requirement for competency in the previous representation course rather than a previous semester design course. Also, the corequisite revision reflects the name change of the interior design program to interior architecture. Impact on Other Academic Units: None. Financial Impact: None. Supports Program Learning Outcome 1 for B. Arch.

DROP

ARCH 232 Introduction to Architectural Technology (3)

Rationale: The School of Architecture redesigned its systems technologies courses in 2015, content including structures, materials, and environmental control systems (ECS). Four new courses were added in 2015 for the fall 2016 catalog. The remaining courses to cover the dropped material content are being added this year (below). *Impact on Other Academic Units:* None. *Financial Impact:* None.

DROP

ARCH 233 Tectonics and Stereotomics (2)
ARCH 234 Climatic and Daylight Design (2)
ARCH 235 Design Implementation I (2)
ARCH 236 Design Implementation II (2)

Rationale: These courses were added in 2016 and are part of a newly redesigned technology. Their 23x number sequence was based on an older technology sequence. The School of Architecture is adding additional technology courses to complete the sequence and are renumbering the entire sequence with x6x numbers. These four courses are being added back, with minor revision to titles and prerequisite, as 26x (below). Impact on Other Academic Units: None. Financial Impact: None.

ADD

ARCH 261 Tectonics and Stereotomics (2) Design and expression with structural archetypes. Exploration of distinctions between structure and enclosure. Emphasis on formal ordering systems, spatial implications, and structural concepts. Topics include gravity loads, earth-shaping, massive construction and light frames.
Combination lecture and lab format. First half semester course.
Contact Hour Distribution: 1 hour lecture, 1 hour lab.
(RE) Corequisite(s): 271.

ARCH 262 Climatic and Daylight Design (2) Introduction to design and expression with climate as a context and form-generator. Emphasis on design guidelines and formal ordering. Analysis of climates, selection of site and building design strategies, design for microclimates and enhancing daylighting.
Combination lecture and lab format. Second half semester course.
Contact Hour Distribution: 1 hour lecture, 1 hour lab.
(RE) Corequisite(s): 271.

ARCH 263 Design Implementation I: Building in Wood (2) Design and expression with structural archetypes of timber and simple steel frames with point loads. Emphasis on formal ordering systems and essential behaviors, including lateral bracing and load-tracing. Associated interior and exterior wood construction materials, methods, performance and detailing. Enclosure strategies including performance (thermal and moisture) and expression. Schematic detailing. Design guideline sizing.
Combination lecture and lab format. First half semester course.
Contact Hour Distribution: 1 hour lecture, 1 hour lab.
(RE) Prerequisite(s) 261, PHYS 160;
(RE) Corequisite(s): 272.

ARCH 264 Design Implementation II: Building in Steel and Masonry (2) Design and expression with structural archetypes of masonry walls and steel frames, and combinations thereof. Emphasis on formal ordering systems and essential behaviors, including structural and thermal mass. Associated interior and exterior light steel, brick, stone and concrete masonry materials, methods, performance and detailing. Design guideline sizing.
Combination lecture and lab format. Second half semester course.
Contact Hour Distribution: 1 hour lecture, 1 hour lab.
(RE) Prerequisite(s) 261, PHYS 160;
(RE) Corequisite(s): 272.

Rationale: These technology courses were originally added in 2016 with 23x numbers. The School of Architecture is adding additional technology courses (below) to flesh out the sequence and are renumbering the entire sequence with x6x numbers. The courses with the 23x numbers are being dropped (above) and are being re-added, with minor revision to titles and prerequisite, as 26x courses. Impact on Other Academic Units: None. Financial Impact: None. These courses support Program Learning Outcomes 1 and 3 for B. Arch.

DROP

ARCH 312 Materials and Methods of Construction (4)
ARCH 317 Honors: Materials and Methods of Construction (4)

Rationale: The School of Architecture redesigned its systems technologies courses in 2015, content including structures, materials, and environmental control systems (ECS). Four new courses were added in 2015 for the fall 2016 catalog. The remaining courses to cover the dropped material content are being added this year (below). Impact on Other Academic Units: None. Financial Impact: None.

ADD

ARCH 321 Representation IV: Information Modeling (2) Exploration of advanced information modeling programs. Emphasis is placed on learning how the digital model can assist in the design process through the representation of construction and analysis. Content includes the use of building information modeling to predict building performance and to document material properties.
Contact Hour Distribution: 2 hour lab.
(RE) Prerequisite(s): 221.

Rationale: This course had previously been taught in the fall of the fourth year in the undergraduate architecture curriculum, which paired it as a co-requisite with the school's integrations studio which requires performance assessment of design proposals. Through faculty and student feedback, we learned that the content was being learned too late to be applied and that students who took the course as third year students were much more successful in both courses. The renumbering of the previous 421 to 321 confirms the decision to have students take the course in their third year and the removal of previous corequisites confirms that it is not linked by content to any other courses at that time. Impact on Other Academic Units: Interior design students also take this course, but they were already taking it in their third year of study and the drop/add does not affect them since the content does not change. Financial Impact: None. Supports Program Learning Outcomes 1 and 3 for B. Arch.

DROP

✳ ARCH 331 Architectural Structures I (4)
ARCH 341 Environmental Control Systems I (4)

Rationale: The School of Architecture redesigned its systems technologies courses in 2015, content including structures, materials, and environmental control systems (ECS). Four new courses were added in 2015 for the fall 2016 catalog. The remaining courses to cover the dropped material content are being added this year (below). Impact on Other Academic Units: None. Financial Impact: None.

ADD

ARCH 361 Design Research in Technology (2) Input to the architectural design research from a range of technical issues. May include building codes, construction types, cost, fire resistance, area and bulk, along with comfort parameters, lighting intentions, energy performance targets, energy programming and schedules, etc. Focus on framing the designer's tasks and the technical support of architectural qualities.
Supports technical aspects of program development in ARCH 370.
Combination lecture and lab format. First half semester course.
Contact Hour Distribution: 1 hour lecture, 1 hour lab.
(RE) Prerequisite(s): 262, 263
(RE) Corequisite(s): 370

ARCH 362 Schematic Design Technology (2) Design concepts, form-making and supporting strategies from a range of technical issues in support of studio class projects. Exploration of the implications of technical aspects of program on schematic design. Focus on early design methods to engage design implications of technical knowledge.
Combination lecture and lab format. Second half semester course.
Contact Hour Distribution: 1 hour lecture, 1 hour lab.
(RE) Prerequisite(s): 262, 263
(RE) Corequisite(s): 371

ARCH 363 Design Implementation III: Building in Concrete and Hybrid Systems (2) Design and expression with structural archetypes of reinforced concrete, including combinations with masonry and steel. Emphasis on formal ordering systems and essential behaviors, including structure to skin relationships. Associated interior and exterior enclosure materials, methods, performance, and high-performance skins. Design guideline sizing and detailed calculations.
Combination lecture and lab format. First half semester course.
Contact Hour Distribution: 1 hour lecture, 1 hour lab.
(RE) Prerequisite(s): 264
(RE) Corequisite(s): 372

ARCH 364 Performative Design I: Passive Systems Design (2) Design and expression for passive solar heating, natural ventilation, and passive cooling, including collection, storage, distribution, and shading. Introduction to passive systems computer modeling. Supports applications in design studio of projects with simple HVAC in skin-loaded buildings with few thermal zones.
Combination lecture and lab format. First half semester course.
Contact Hour Distribution: 1 hour lecture, 1 hour lab.
(RE) Prerequisite(s): 262
(RE) Corequisite(s): 372

ARCH 365 Performative Design II: Active and Hybrid Systems Design (2) Design and expression with mechanical heating, ventilation and cooling systems, electric lighting and their integration with passive design. Introduction to active systems computer modeling, carbon performance, and on-site renewable power generation. Supports applications in design studio of projects with simple HVAC in skin-loaded buildings with few thermal zones.
Combination lecture and lab format. Second half semester course.
Contact Hour Distribution: 1 hour lecture, 1 hour lab.
(RE) Prerequisite(s): 262
(RE) Corequisite(s): 372

Rationale: The School of Architecture redesigned its systems technologies courses in 2015, content including structures, materials, and environmental control systems (ECS). Previously most of these courses were condensed within the students' third year and taught as independent specialties. The new proposal distributed the credit hours more equitably between the second and third year and follows a model with more blended content and integration/co-requisite opportunities with the design studio courses. The large course content (previously 4CH) was also broken down into more digestible 2CH half-term increments that will be more effectively related to the design studios. The second year courses were added last fall and are currently being taught. ARCH 361, 362, 363, 364, and 365 continue the sequence in the third year. Impact on Other Academic Units: Minor modifications will be made to course offerings in the graduate architecture program and overlap 4+2 interior design program. There is no impact on units outside the college. Financial Impact: None – new courses will be taught in lieu of existing courses and will not affect faculty FTE. These courses support Program Learning Outcomes 1 and 3 for B. Arch.

ADD

ARCH 370S Research and Design – Collaborative Engagement (3) Research as an intrinsic aspect of the design process. Use of investigative skills in documentation, research, and analysis of program, site, relevant laws, precedents, and user requirements. Formation of comprehensive program. Supports service learning with engaged community partner. Includes purposeful service experience and student reflection. Combination lecture, seminar, and studio format. First half semester course.

Contact Hour Distribution: 1 hour lecture, 1 hour seminar, and 1 hour studio.
(RE) Prerequisite(s): 272 with a grade of C or better.
(RE) Corequisite(s): 361
(DE) Corequisite(s): 371S.

ARCH 371S Design as Applied Research – Collaborative Engagement (3) Understand the design process in relation to research. Execution of design project (as defined in Architecture 370), exploring the implications of research on schematic design. Completed projects apply research from Architecture 370 through assessment of alternative approaches and well-reasoned design decisions. Supports service learning with engaged community partner. Includes purposeful service experience and student reflection. Second half semester.
(RE) Prerequisite(s): 272 with a grade of C or better.
(RE) Corequisite(s): 362
(DE) Corequisite(s): 370S.

Rationale: The School of Architecture currently conducts multiple studio and seminar courses that support service-learning pedagogies and principles. Faculty who teach upper level studio courses especially have great opportunities to work with clients and community stakeholders on conceptual and real projects and provide deliverables that inform future action. In some instances, these studios also develop as design-build explorations and a physical product is developed. In review of recent years, faculty who teach sections of 370|371 and 496 studios have taught them with collaborative and service-learning focus more than fifty percent of the time. While we will maintain the previous 370, 371, and 496 courses for faculty who teach these courses without the service learning component, we wish to submit these for S-designation in the pilot year. The S-subcommittee approved these courses for an S-designation. Impact on Other Academic Units: None. Financial Impact: None. These courses support Program Learning Outcomes 1, 2, and 4 for B. Arch.

DROP

ARCH 421 Representation IV: Information Modeling (3-6)

Rationale: This is the fourth course of the representation sequence. Changes are proposed that include a change to the number. Therefore it is being dropped and added back as 321, with minor revisions (below). Impact on Other Academic Units: None. Financial Impact: None.

ADD

ARCH 467 Honors Seminar: Methodologies of Architectural Research (3) Research seminar presenting past and current approaches to architectural research methodologies. Approaches include, but are not limited to, Art Historical, Scientific/Experimental, Observational/Anthropological, Economical/Statistical. Students pursue individual research projects while also examining the methods of “the scholarship of design” and “design as scholarship” in the fields of architecture, urbanism, and landscape architecture. Each student is encouraged to establish links between historical methods of investigation and current positions of architectural production.
Registration Permission: Consent of architecture program director.

Rationale: This course provides structure that encourages undergraduate research and provides instruction in research methods. Currently the School of Architecture does not offer a stand-alone research methodologies course, nor a stand-alone honors course. In an effort to build both, this course was developed by faculty teaching history and theory in conversation with Chancellor’s Honors students in the college. Impact on Other Academic Units: None. Financial Impact: None
These courses support Program Learning Outcome 2 for B. Arch.

ADD

ARCH 496S Advanced Architectural Design – Collaborative Engagement (6) Advanced architectural design based on special topics as defined by instructor. Supports service learning with engaged community partner. Includes purposeful service experience and student reflection.
Repeatability: May be repeated. Maximum 18 hours.
(RE) Prerequisite(s): 372 with a grade of C or better.
Registration Restriction(s): A minimum of 2.5 GPA in all design courses is required.

Rationale: The School of Architecture currently conducts multiple studio and seminar courses that support service-learning pedagogies and principles. Faculty who teach upper level studio courses especially have great opportunities to work with clients and community stakeholders on conceptual and real projects and provide deliverables that inform future action. In some instances, these studios also develop as design-build explorations and a physical product is developed. In review of recent years, faculty who teach sections of 370|371 and 496 studios have taught them with collaborative and service-learning focus more than fifty percent of the time. While we will maintain the previous 370, 371, and 496 courses for faculty who teach these courses without the service learning component, we wish to submit these for S-designation in the pilot year. The S-subcommittee approved this course for an S-designation. Impact on Other Academic Units: None. Financial Impact: None. These courses support Program Learning Outcomes 1, 2, and 4 for B. Arch.

SCHOOL OF INTERIOR ARCHITECTURE
Formerly: School of Interior Design

Program Learning Outcomes for BS Interior Architecture (formerly BS Interior Design)
1. Global Context for Design - Global Context Interior designers have a global view and consider social, cultural, economic, and ecological contexts in all aspects of their work.
2. Collaboration - Interior designers participate in interdisciplinary collaborations.
3. Business Practices and Professionalism - Interior designers understand the fundamental principles and processes that define the profession of interior design and the value of interior design to society.
4. Human-centered Design -Interior designers apply knowledge of human experience and behavior to designing the built environment.
5. Design Process - Interior designers employ all aspects of the design process to creatively solve a design problem.
6. Communication - Interior designers are effective communicators.
7. History and Theory - Interior designers apply knowledge of history and theory of interiors, architecture, decorative arts, and art when solving design problems.
8. Design Elements and Principles - Interior designers apply elements and principles of design.
9. Color - Interior designers apply color effectively in communication and design work.

REVISE ACADEMIC UNIT NAME

SCHOOL OF INTERIOR ARCHITECTURE ~~DESIGN~~

(IARC) ~~(IDS)~~Interior Architecture ~~Design~~

This was approved by the Chancellor. Notification has been made to the Vice Provost of Academic Affairs and the Vice President for Academic Affairs.

Impact on Other Academic Units: The revised Interior Architecture program name and degree name has been updated in the college, minors and overlapping Master of Architecture catalog. There is no impact on units outside the college. Financial Impact: None.

(IARC) Interior Architecture
Formerly: (IDS) Interior Design

DROP

† IDS 101 Introduction to the Built Environment (3)
† IDS 107 Honors: Introduction to the Built Environment (3)
✱ IDS 200 Human-Environment Relations (3)
✱ IDS 207 Honors: Human-Environment Relations (3)
IDS 211 History of Interior Design, Furnishings, and the Decorative Arts I (3)
IDS 212 History of Interior Design, Furnishings, and the Decorative Arts II (3)
IDS 217 Honors: History of Interior Design, Furnishings, and the Decorative Arts I (3)
IDS 218 Honors: History of Interior Design, Furnishings, and the Decorative Arts II (3)
IDS 221 Theory of Color (2)
IDS 261 Materials, Resources and Textiles for Interiors (3)
IDS 271 Introduction to Interior Design Studio I (5)
IDS 272 Introduction to Interior Design Studio II (5)
IDS 273 Introduction to Interior Design Seminar I (1)
IDS 274 Introduction to Interior Design Seminar II (1)
IDS 331 Construction Documents and Codes for Interior Design (3)
IDS 360 Business Principles and Practices (2)
IDS 371 Intermediate Interior Design Studio (5)
IDS 372 Design Development and Construction Detailing Documentation for Interior Design (6)
IDS 373 Intermediate Interior Design Seminar (1)
IDS 420 Practicum for Interior Design (3)
IDS 425 Special Topics in Interior Design (1-6)
IDS 430 Programming for Senior Studio Project (1)
✱ IDS 460 Lighting for Interior Design (3)
IDS 471 Advanced Interior Design Studio (5)
IDS 472 Senior Interior Design Project (5)
IDS 473 Advanced Interior Design Seminar (1)
IDS 474 Advanced Multi-disciplinary Interior Design Studio (6)
IDS 477 Honors: Senior Interior Design Project (5)
IDS 480 Furniture Design (3)
IDS 491 International Study (1-15)
IDS 493 Directed Studies in Interior Design (1-4)
IDS 497 Honors: Independent Study in Interior Design (1-6)

Rationale: Change the name of the major, degree and academic unit from Interior Design to Interior Architecture. Corresponding course prefixes must change. So, IDS courses are being dropped and IARC courses are being added. Impact on Other Academic Units: None. Financial Impact: None.

ADD

IARC 101 Introduction to the Built Environment (3) Architectural design as a creative process based on visual thinking and ideas related to space, technology, and/or place. Scope and definition of the built environment in relation to contemporary society, building industry, and allied design professions. Orientation to courses and programs of the school.
(RE) Corequisite(s): 121 and 171.

IARC 107 Honors: Introduction to the Built Environment (3) Students will attend 101 classes with supplementary assignments and/or class meetings.
Registration Permission: Consent of the School director.

Rationale: Change the name of the major, degree and academic unit from Interior Design to Interior Architecture. Corresponding course prefixes and course names must change. So, IDS courses are being dropped and IARC courses are being added. Interior Design is removed from course names and descriptions and replaced with Interior Architecture. The IDS versions of these courses was cross-listed with ARC101 and IARC101 will no longer be cross-listed. This simplifies the catalog and provides greater flexibility in coordinating the IARC101 course. The School of Architecture has been notified and the College of Architecture and Design curriculum committee has approved this change. Impact on Other Academic Units: None, other than removing cross-listed from architecture catalog as required. Financial Impact: None. These courses support Program Learning Outcomes 1 and 9 for B.S. Interior Architecture.

❋ **IARC 200 Human-Environment Relations (3)** Introduction to environmental psychology theories: examine behavior in relationship to biological, social and environmental factors; role of needs assessments and research-based issues guiding design process.
Satisfies General Education Requirement: (SS)

❋ **IARC 207 Honors: Human-Environment Relations (3)** Introduction to environmental psychology theories: examine behavior in relationship to biological, social and environmental factors; role of needs assessments and research-based issues guiding design process. Students will attend IARC 200 classes, with supplementary assignments and/or class meetings.
Satisfies General Education Requirement: (SS)

Rationale: Change the name of the major, degree and academic unit from Interior Design to Interior Architecture. Corresponding course prefixes and course names must change. So, IDS courses are being dropped and IARC courses are being added. Interior Design is removed from course names and descriptions and replaced with Interior Architecture. The IDS versions of these courses satisfied General Education requirements and will continue to satisfy requirements as IARC courses. The General Education Committee of the renaming is forthcoming. Impact on Other Academic Units: None. Financial Impact: None. These courses support Program Learning Outcomes 1 and 9 for B.S. Interior Architecture.

IARC 211 History of Interior Design, Furnishings, and the Decorative Arts I (3) Social, political, and physical influences through the movements and traditions of the interior environment in major world cultures from prehistoric – 1500.
(RE) Prerequisite(s): 101, Architecture 101, or Architecture 111.

IARC 212 History of Interior Design, Furnishings, and the Decorative Arts II (3) Social, political, and physical influences through the movements and traditions of the interior environment in major world cultures from 1500 AD - present.
(RE) Prerequisite(s): 101, Architecture 101, or Architecture 111.

IARC 217 Honors: History of Interior Design, Furnishings, and the Decorative Arts I (3) Social, political, and physical influences through the movements and traditions of the interior environment in major world cultures from prehistoric – 1500. Students will attend IARC 211 classes, with supplementary assignments and/or class meetings.
(RE) Prerequisite(s): 101, Architecture 101, or Architecture 111.

IARC 218 Honors: History of Interior Design, Furnishings, and the Decorative Arts II (3) Social, political, and physical influences through the movements and traditions of the interior environment in major world cultures from 1500 AD - present. Students will attend IARC 212 classes, with supplementary assignments and/or class meetings.
(RE) Prerequisite(s): Architecture 212.

IARC 221 Theory of Color (2) Introduction to color systems and application of color in the interior environment.
Contact Hour Distribution: 1-hour lecture, 2-hour lab.
(RE) Corequisite Architecture 171, Design 130, or Design 430.

IARC 261 Materials, Resources and Textiles for Interiors (3) Application of interior architectural materials, textiles and resources used in designing interior environments. Focus on environmental sustainability, codes, function and aesthetics.
(RE) Prerequisite(s): 101, Architecture 101, Architecture 111, or permission of instructor.

IARC 271 Introduction to Interior Architecture Studio I (5) Introductory design investigations of the interior environment. Emphasis on design process from conceptual ideation to critical refinement of schematic design. May be instructed in vertical, joint, or design build format. Program specified computer and software required.
Contact Hour Distribution: 10-hour studio.
(RE) Prerequisite(s): Architecture 122 and 172.
(RE) Corequisite(s): 273.

IARC 272 Introduction to Interior Architecture Studio II (5) Continuation of introductory design investigations of the interior environment. Emphasis on design process from conceptual ideation to critical refinement of schematic design. May be instructed in vertical, joint, or design build format. Program specified computer and software required.
Contact Hour Distribution: 10-hour studio.
(RE) Prerequisite(s): 271 and 273.
(RE) Corequisite(s): 274.

IARC 273 Introduction to Interior Architecture Seminar I (1) Theory and precedent topics as related to concurrent Introduction to Interior Architecture Studio I investigations. Reflective practices and discussion seminar format.
Contact Hour Distribution: 2-hour discussion.
(RE) Prerequisite(s): Architecture 172.
(RE) Corequisite(s): 271.

IARC 274 Introduction to Interior Architecture Seminar II (1) Theory and precedent topics as related to concurrent Introduction to Interior Architecture Studio II investigations. Reflective practices and discussion seminar format.
Contact Hour Distribution: 2-hour discussion.
(RE) Prerequisite(s): 273.
(RE) Corequisite(s): 272.

IARC 331 Construction Documents and Codes for Interior Architecture (3) Methods, processes, and procedures for creating construction documents for interior environments. Includes the use of building information management software, codes and regulations affecting the health, safety, and welfare of the public.
Contact Hour Distribution: Combination Lecture and Lab.
(RE) Prerequisite(s): 261.
(RE) Corequisite(s): Architecture 321.

IARC 360 Business Principles and Practices (2) Inter-professional relationships and business practices, responsibilities, and liabilities.
(RE) Prerequisite(s): 101, Architecture 101, or Architecture 111; and junior standing; or permission of instructor.

IARC 371 Intermediate Interior Architecture Studio (5) Intermediate design investigations of the interior environment. Emphasis on design process from conceptual ideation to critical refinement of schematic design. May be instructed in vertical, joint, or design build format. Program specified computer and software required.
Contact Hour Distribution: 10-hour studio.
(RE) Prerequisite(s): 200, 272 and 274.
(RE) Corequisite(s) 373 and 460.

IARC 372 Design Development and Construction Detailing Documentation for Interior Architecture (6) Comprehensive design process with emphasis on design development and basic construction documentation. Use of building information management software and focus on construction principles are integrated in the studio investigations. Program specified computer and software required.
Contact Hour Distribution: 12-hour studio.
(RE) Prerequisite(s): 331, 371, 373 and Architecture 321.

IARC 373 Intermediate Interior Architecture Seminar (1) Theory and precedent topics as related to concurrent Intermediate Interior Architecture Studio investigations. Reflective practices and discussion seminar format.
Contact Hour Distribution: 2-hour discussion.
(RE) Prerequisite(s): 272.
(RE) Corequisite(s): 371.

IARC 420 Practicum for Interior Architecture (3) Supervised experience in a professional design firm. Business practices, project management and design philosophy.
(RE) Prerequisite(s): 360 and 372.

IARC 425 Special Topics in Interior Architecture (1-6) Faculty initiated courses. Topics vary.
Repeatability: May be repeated. Maximum 6 hours.
Registration Restriction(s): Major in the College of Architecture and Design or instructor permission.

IARC 430 Programming for Senior Studio Project (1) Programming for senior project. Includes project and client selection, programming, precedent study, and site analysis.
(RE) Prerequisite(s): 372.

Rationale: Change the name of the major, degree and academic unit from Interior Design to Interior Architecture. Corresponding course prefixes and course names must change. So, IDS courses are being dropped and IARC courses are being added. Interior Design is removed from course names and descriptions replaced with Interior Architecture. In studio courses, the progression requirement was removed and the retention requirement was revised so that requirements are at program level, not course level. This clarifies and simplifies retention requirements for the students and the faculty. Prerequisite IARC331 and IARC372 was also changed from ARCH421 to ARCH 321 to coordinate with School of Architecture changes. Impact on Other Academic Units: None. Financial Impact: None. These courses support Program Learning Outcomes 1 and 9 for B.S. Interior Architecture.

✱ **IARC 460 Lighting for Interior Architecture (3)** Lecture presentation of design principles in lighting, acoustics and mechanical systems. Course will emphasize fundamentals of lighting design practices and techniques.
Satisfies General Education Requirement: (QR)
(RE) Prerequisite(s) 101, Architecture 101, or Architecture 111; and Mathematics 123 or above; and junior standing; or permission of instructor.

Rationale: Change the name of the major, degree and academic unit from Interior Design to Interior Architecture. Corresponding course prefixes and course names must change. So, IDS courses are being dropped and IARC courses are being added. Interior Design is removed from course names and descriptions and replaced with Interior Architecture. The IDS versions of these courses satisfied General Education requirements and will continue to satisfy requirements as IARC courses. The General Education Committee of the renaming is forthcoming. Impact on Other Academic Units: None. Financial Impact: None. These courses support Program Learning Outcomes 1 and 9 for B.S. Interior Architecture.

IARC 471 Advanced Interior Architecture Studio (5) Advanced design investigations of the interior environment. Emphasis on design process from conceptual ideation to critical refinement of schematic design. Projects include limited advanced construction detail investigations. May be instructed in vertical, joint, or design build format. Program specified computer and software required.
Contact Hour Distribution: 10-hour studio.
(RE) Prerequisite(s): 372.
(RE) Corequisite(s): 473.

IARC 472 Senior Interior Architecture Project (5) Capstone self-directed comprehensive interior architecture project from ideation to refined schematic design and limited construction detailing. Advanced theories, research, principles, and elements of design applied to the interior environment. Students are to demonstrate holistic and comprehensive use of knowledge learned in the program in the final project presentation.
Contact Hour Distribution: 10-hour studio.
(RE) Prerequisite(s): 430, 471, and 473.

IARC 473 Advanced Interior Architecture Seminar (1) Theory and precedent topics as related to concurrent Advanced Interior Architecture Studio investigations. Reflective practices and discussion seminar format.
Contact Hour Distribution: 2-hour discussion.
(RE) Prerequisite(s): 372.
(RE) Corequisite(s): 471.

IARC 474 Advanced Multi-disciplinary Interior Architecture Studio (6) Capstone self-directed comprehensive interior architecture project from ideation to refined schematic design and limited construction detailing. Advanced theories, research, principles, and elements of design applied to the interior environment.
Contact Hour Distribution: 12-hour studio.
(RE) Prerequisite(s): 430, 471, and 473.

IARC 477 Honors: Senior Interior Architecture Project (5) Students will attend 472 studio classes with supplementary design assignments required.
Contact Hour Distribution: 10-hour studio.
(RE) Prerequisite(s): 430, 471, and 473.
Registration Permission: Consent of the School director.

IARC 480 Furniture Design (3) Human factors data applied to design of body support, task support, storage and systems, construction drawings, and scale models. Advanced millwork design and materials and manufacturing processes.
Contact Hour Distribution: 1-hour lecture and 2-hour lab.
(RE) Prerequisite(s): 371, Architecture 372, or Industrial Design 371.

IARC 491 International Study (1-15) Individual or group studio and/or study abroad. Academic research, field investigation, or studio experiences. Determination of credit based on particular international experience.
Repeatability: May be repeated. Maximum 15 hours.

IARC 493 Directed Studies in Interior Architecture (1-4) Student- or staff-initiated research or studio investigation of special topic.
Repeatability: May be repeated. Maximum 8 hours.
Credit Restriction: Elective credit only.

IARC 497 Honors: Independent Study in Interior Architecture (1-6) Individual studies and projects under faculty direction, for honors students only. Credit adjusted to complexity and level of effort required.
Repeatability: May be repeated. Maximum 12 hours.
Registration Permission: Consent of the School director.

Rationale: Change the name of the major, degree and academic unit from Interior Design to Interior Architecture. Corresponding course prefixes and course names must change. So, IDS courses are being dropped and IARC courses are being added. Interior Design is removed from course names and descriptions replaced with Interior Architecture. In studio courses, the progression requirement was removed and the retention requirement was revised so that requirements are at program level, not course level. This clarifies and simplifies retention requirements for the students and the faculty. Prerequisite IARC331 and IARC372 was also changed from ARCH421 to ARCH 321 to coordinate with School of Architecture changes. Impact on Other Academic Units: None. Financial Impact: None. These courses support Program Learning Outcomes 1 and 9 for B.S. Interior Architecture.

Equivalency Table

Current Courses Interior Design (IDS)	Equivalent Courses Effective Fall 2017 Interior Architecture (IARC)
101	101
107	107
200	200
207	207
211	211
212	212
217	217
218	218
221	221
261	261
271	271
272	272
273	273
274	274
331	331
360	360
371	371
372	372
373	373
420	420
425	425
430	430
460	460
471	471
472	472
473	473
474	474
477	477
480	480
491	491
493	493
497	497

TEXT AND PROGRAM CHANGES

SCHOOL OF ARCHITECTURE

REVISE REQUIREMENTS

Requirements for the Bachelor of Architecture

Term 1	Hours	Milestone Notes
ARCH 101 or ARCH 107; ARCH 121	5	2.5 cumulative GPA
[1]ARCH 171	3	
ENGL 101* or ENGL 118*	3	
[2]MATH 113*, MATH 117*, MATH 125* or MATH 202*	3	
[3]Non-Architecture Elective	3	
Term 2		
ARCH 102, ARCH 122	4	2.5 cumulative GPA
[1]ARCH 172	4	ENGL 102*
[4]Communicating Orally Elective*	3	MATH 113*, MATH 117*, MATH 125* or MATH 202*
ENGL 102*	3	
PHYS 161*	3	
Term 3		
ARCH 211* or ARCH 217*; ARCH 221; ARCH 261; ARCH 262	9 ~~5~~	2.5 cumulative GPA
[1]ARCH 271	6	
[5]Unrestricted Elective	2	
~~[3]Non-Architecture Elective~~	~~3~~	
~~[4]Cultures and Civilizations Elective*~~	~~3~~	
Term 4		
ARCH 212* or ARCH 218*; ~~ARCH 232~~ ARCH 263;	7 ~~6~~	2.5 cumulative GPA

ARCH 264		
[1]ARCH 272	6	PHYS 161*
[4]Cultures and Civilizations Elective*	3	
~~[5]Unrestricted Elective~~	~~3~~	
Term 5		
ARCH 213* or ARCH 227*; ARCH 321; ~~ARCH 331*; ARCH 341~~ ARCH 361; ARCH 362	9 ~~11~~	2.5 cumulative GPA
[1]ARCH 370 and ARCH 371 or ARCH 370S and ARCH 371S	6	
[5]Unrestricted Elective	2	
Term 6		
~~ARCH 332, ARCH 342~~ ARCH 363; ARCH 364; ARCH 365	6 ~~8~~	2.5 cumulative GPA
[1]ARCH 372	6	
~~ARCH 312 or ARCH 317~~	~~3~~	
[4]Cultures and Civilizations Elective*	3	
Term 7		
~~ARCH 421,~~ ARCH 431	3 ~~5~~	2.5 cumulative GPA
[1]ARCH 471	6	
[6]Professional Elective	3	
[4]Social Sciences Elective*	3	
Term 8		
[1,7]Design Studio Option	6	2.5 cumulative GPA
[3]Non-Architecture Elective	3	
[6]Professional Elective	3	
[4]Social Sciences Elective*	3	
[5]Unrestricted Elective	3 ~~2~~	
Term 9		
[1,7]Design Studio Option	6	2.5 cumulative GPA
[4]Natural Sciences w/ Lab Elective*	4	
[6]Professional Elective	3	
[5]Unrestricted Elective	3 ~~2~~	
Term 10		
ARCH 462	3 ~~4~~	2.5 cumulative GPA
[1,7]Design Studio Option	6	
[3]Non-Architecture Elective	3	
[6]Professional Elective	3	
~~[5]Unrestricted Elective~~	~~3~~	
TOTAL	**163 ~~167~~**	

[2] Students are exempt from MATH 125* with a score of 3 or higher on Calculus AB or Calculus BC AP exam ~~25 or higher on the calculus readiness test. Students exempt from MATH 125* must take a higher-level Quantitative Reasoning Elective to meet the University General Education Requirement.~~

[3] Chosen from any courses outside architecture, interior architecture ~~design~~ and landscape architecture not already required for the major.

[6] Chosen from any 300-599 architecture or landscape architecture courses or any 300-499 interior architecture or industrial design ~~design~~ courses.

[7] During the fourth and fifth year, students will select a total of three courses from the following Design Studio Options – ARCH 474, ARCH 475, ARCH 496, ARCH 496S, ARCH 497, ARCH 498, and ARCH 499. Students interested in pursuing the MLA in Landscape Architecture will take ARCH 474 and ARCH 475 in the fifth year.

Rationale: Faculty of the School of Architecture reviewed content of various math courses offered as General Education Quantitative Reasoning and found that additional courses beyond the previously prescribed Math 125 Calculus I offered additional benefits for students in our program. The expanded list reflects a greater flexibility for B.Arch students to complete their QR requirement. In 2015 the school introduced a new technology sequence that spans terms 3, 4, 5, and 6. Courses with x3x and x4x were dropped and x6x courses were added. The fourth representation course, previously 421, now 321, is being offered earlier in the curricular sequence. General Education and unrestricted electives were moved to allow for more even distribution of credit hours throughout the terms. Impact on Other Academic Units: None. Financial Impact: None.
Changes to the technology courses relate to Program Learning Outcomes 1 and 3 for B. Arch. Additions of S-designated course options relate to Program Learning Outcomes 1, 2, and 4 for B. Arch. Other changes offer greater flexibility and more even credit hour distribution and do not affect the Program Learning Outcomes.

SCHOOL OF INTERIOR ARCHITECTURE

Formerly: School of Interior Design

REVISE TEXT
(Main department page)

School of Interior Architecture ~~Design~~

Designers ~~Interior designers~~ imagine and create ~~design~~ the spaces in which we work, play, and live. They are part of teams that shape the hospitality experiences in restaurants and hotels, wellness and healing in hospitals and clinics, deepen learning in museums and schools, enrich teamwork and collaboration in offices, and intensify personal and familial significance in our homes. Design tools are used by ~~interior~~ designers to enhance and strengthen human relationships and build cultural meaning in lives by shaping space and light, applying color theory, as well as selecting materials and furnishings in interior environments. Students at the University of Tennessee study the elements and principles of interior architecture and are provided enhanced studies of interior architectural space.

~~At the University of Tennessee students work with leading faculty to establish a strong foundation for a professional career in interior design. The School of Interior Design at the University of Tennessee prepares students to practice in top ranked commercial and residential design firms around the world. To be successful in a global market, students learn how to design meaningful interior environments by engaging broad creative exploration and refining ideas with critical thinking. The following are key attributes of the University of Tennessee curriculum to prepare students for a professional career as an interior designer:~~

Students learn how to organize and create interior spaces, and to communicate the ideas and identity of the space with drawings and models. Student work in digital media, directly with materials, and learn to humanize the building environment by creating a relationship to the human scale and behavior.

- **Apply Knowledge and Theory in a Project-Based Learning Environment**
  Students learn in dedicated design studios where they complete a wide variety of interior architecture ~~design~~ projects and are assigned individual workstations. Students apply current and essential knowledge and skills learned in the classroom to their studio projects. Interior Architecture ~~design~~ faculty have ongoing research and creative design practice responsibilities that support the student's core knowledge topics listed below:
  - Planning and Design of Interior Architectural Space and Form
  - Design and Architecture History and Theory
  - Sustainability ~~Furnishings and the Decorative Arts~~
  - Color and Light
  - Human Centered Design
  - Materials, Construction Systems, and Finishes
  - Building Regulations and Codes
  - Visual Communications (sketching, drawing, model making, and computer representations)

- **Build Global and Professional Perspectives ~~Experience International Studies and Professional Internship Opportunities~~**
  The Interior Architecture program ~~School of Interior Design~~ requires either a professional internship or an international travel study experience. These opportunities build a relevant portfolio of experiences in school to allow students to gain access to the most desirable career opportunities. Design firms are seeking to hire individuals with a breadth of experiences to be competitive in a global market. The University of Tennessee provides a range of international experiences that have historically included studies in Finland, Japan, and Italy.

  The College of Architecture and Design hosts ~~an~~ annual career day~~s~~ where students can meet with representatives from design firms to ~~potentially~~ secure internship and entry-level positions. ~~Internships are typically completed over the summer between the third and fourth year studios.~~

- **Engage Contemporary Technology**
  Students in the Interior Architecture program ~~School of Interior Design~~ learn to engage a range of technical processes to enhance their ability to create the best design solutions. The technical opportunities range from the implementation of advanced building information modeling (BIM) software to the use of wood shop facilities. The College of Architecture and Design maintains a fabrication lab, digital three-dimensional printers, print center, photography studio, and wood shop. Students are required to purchase a program-specified computer and software to complete design studio projects.

- **Collaborate and Work in Multi-Disciplinary Teams**
  Working well together by building on the ideas of others is essential for career success. Contemporary practices in interior architecture ~~design~~ require teams of expert multi-disciplinary designers to create successful projects. Students in the School of Interior Architecture ~~Design~~ share a facility with the architecture, landscape architecture, and art programs. Opportunities are provided to prepare students for a multi-disciplinary work environment by participating in team projects and sharing common coursework and classrooms across multiple disciplines. Students participate in discussions and juries of their design ideas with interior architecture ~~design~~, architecture, and landscape architecture faculty and students.

- **Practice Creativity and Critical Thinking**
  Interior architecture ~~design~~ is learned by practice in a studio environment. Students work in a culture of design practice where they are supported in taking creative risk, applying knowledge in unique ways, and critically testing and evaluating ideas. Each semester students typically enroll in six hours of design studio. The design studio experience is the core of the interior architecture ~~design~~ education and is where students build their portfolio that is the foundation to gain a position

in a design firm or graduate studies. The ~~School of~~ Interior Architecture program ~~Design~~ is situated in a college that recognizes and cultivates a community of design practice that supports learning by experimentation. Students learn to mutually support their creative explorations and participate in the critical evaluation of their work.

Select One of Two Professional Tracks
Students may choose one of two tracks to complete the Bachelor of Science in Interior Architecture ~~Design~~. The Traditional Track is for students who wish to complete the program with the maximum emphasis in interior architecture ~~design~~ and greatest flexibility with professional electives. The Master of Architecture Preparatory Track is created for students who desire to earn a Bachelor of Science in Interior Architecture ~~Design~~ and qualify to apply to the Master of Architecture program at the University of Tennessee with advanced standing.

Accreditation and Professional Standards
The Interior Architecture ~~interior design~~ program maintains accreditation from the Council for Interior Design Accreditation (CIDA) and the National Association of Schools of Art and Design (NASAD). Students who graduate from the program and complete two years of work experience are qualified to sit for the National Council for Interior Design Qualification (NCIDQ) exam. The NCIDQ exam is an important qualification to earn in many states such as Tennessee. To call oneself a "registered interior designer," one must successfully complete the NCIDQ exam.

Computer Requirement
Students enrolled in Interior Architecture ~~interior design~~ are required to purchase a computer, software, and supporting components meeting technical specifications provided by the College of Architecture and Design. The computer specifications are typically provided at the end of the first year of study and purchased during the summer between the first and second year of the respective programs ~~reviewed at summer orientation~~. Students are strongly advised to wait until they receive their program computer specifications as created for their class and cohort prior to making a significant investment in a computer.

(Note: no changes to uTrack statement)

~~**Progression Requirement**~~
~~To progress to an IDS 300-level studio, students must meet a one-time requirement to progress to the third year in the program. The following is required after the completion of IDS 272:~~

- ~~Earn a cumulative grade point average of 3.0 or better in all College of Architecture and Design required program courses (including approved substitutions) earned prior to enrollment in an IDS 300-level studio.~~

~~OR~~

- ~~Pass a summer portfolio review and earn a cumulative grade point average of 2.5 or better in all College of Architecture and Design required program courses (including approved substitutions) earned prior to enrollment in an IDS 300-level studio.~~

Rationale: Remove progression requirement and revise retention requirement so that requirements are at program level, not course level. This clarifies and simplifies retention requirements for the students and the faculty. Impact on Other Academic Units: None. Financial Impact: None

Progression's Portfolio Review Process

- Create a PDF portfolio document that includes student-selected work from ARCH 121, ARCH 122, ARCH 171, ARCH 172, IARC ~~IDS~~ 271 and IARC ~~IDS~~ 272. Selecting, describing, and annotating portfolio work is the responsibility of the student and is part of the portfolio evaluation.

Retention Requirement

- Before enrolling in any program required course, a grade of C or better must be made in each prerequisite required program course.
- A cumulative grade point average of 2.5 ~~2.3~~ or greater.
- A grade of I must be removed in prerequisite courses prior to enrollment in subsequent courses.
- For graduation from the program, student must earn a C or better in all required College of Architecture and Design program courses.

Rationale: Remove progression requirement and revise retention requirement so that requirements are at program level, not course level. This clarifies and simplifies retention requirements for the students and the faculty. Impact on Other Academic Units: None. Financial Impact: None

Special Programs in Interior Architecture ~~Design~~
Required Summer Internship
All interior architecture ~~design~~ students are required to have a professionally based summer internship. The faculty will help students find appropriate placement, as well as monitor the student's progress in the internship. The summer internship may be replaced by study abroad.

Professional Community's Involvement
As the oldest accredited interior architecture ~~design~~ program in the state, the School of Interior Architecture ~~Design~~ tries to maintain a close relationship with the interior architecture ~~design~~ community of the city, state, and region. Professionals regularly come to the

school to attend and respond to student presentations, to conduct workshops, to participate in school events, and to interview graduating students.

Field Trips
All interior architecture ~~design~~ students regularly participate in a variety of field trips to important works of design as well as to interior design conventions and product shows.

(Note: no changes to *Opportunities for Foreign Study*)

Rationale: Revise catalog content to reflect revised program and degree name. Impact on Other Academic Units: The revised Interior Architecture program name and degree name has been updated in the college, minors and overlapping Master of Architecture catalog. There is no impact on units outside the college. Financial Impact: None

REVISE REQUIREMENTS
(Major page, paragraph 2 and showcase)

Requirements for undergraduate interior design students pursuing this degree path:

- The student must meet with directors from both the interior design and the graduate architecture programs during their third year, or earlier.
- The student must have an earned minimum cumulative GPA of at least 3.0
- The student must complete the following requirements before entering the Master of Architecture program with advanced placement. This includes summer courses.
- ARCH 212* or ARCH 218*
- ARCH 213*
- ~~ARCH 312~~
- ARCH 331, ARCH 332 (recommended as a summer course)
- ARCH 542 - Design III: Campus and Urban Architecture (6)
- ARCH 545 - Principles of Environmental Control I (3), ARCH 546 - Principles of Environmental Control II (3)

Requirements for the Interior Architecture ~~Design~~ **Major, BS in Interior** Architecture ~~Design~~ **– Master of Architecture Preparatory Track**

Term 1	**Hours**	**Milestone Notes**
ARCH 121, ARCH 171	5	2.5 ~~2.3~~ cumulative GPA
ENGL 101* or ENGL 118*	3	
IARC 101 or IARC 107 ~~IDS 101 or IDS 107~~	3	
IARC 221 ~~IDS 221~~	2	
[1]Communicating Orally Elective*	3	
Term 2		
ARCH 122, ARCH 172	6	2.5 ~~2.3~~ cumulative GPA
ARTH 173* or ARTH 178*	3	ENGL 102*
IARC 200* or IARC 207* ~~IDS 200* or IDS 207*~~	3	
ENGL 102*	3	
Term 3		
ARCH 221	2	2.5 ~~2.3~~ cumulative GPA
IARC 211, IARC 217, ~~IDS 211, IDS 217,~~ ARCH 211*, or ARCH 217*	3	MATH 123*
IARC 261, IARC 271, IARC 273 ~~IDS 261, IDS 271, IDS 273~~	9	
MATH 123*	3	
Term 4		
IARC 272, IARC 274 ~~IDS 272, IDS 274~~	6	2.5 cumulative GPA ~~3.0 major GPA or 2.5 major GPA and successful portfolio review~~
IARC 212 or IARC 218 ~~IDS 212 or IDS 218~~	3	IARC 272 ~~IDS 272~~
PHYS 161*	3	
ARCH 212* or ARCH 218*	3	
Term 5		
ARCH 321 ~~ARCH 421~~	2	2.5 ~~2.3~~ cumulative GPA
IARC 331, IARC 371, IARC 373, IARC 460* ~~IDS 331, IDS 371, IDS 373, IDS 460*~~	11	IARC 371 ~~IDS 371~~
ARCH 213*	3	
Term 6		
[1]Cultures and Civilizations Elective*	3	2.5 ~~2.3~~ cumulative GPA

IARC 360, IARC 372 ~~IDS 360, IDS 372~~	9	IARC 372 ~~IDS 372~~
[1]Natural Sciences w/ Lab Elective*	4	
Term 6½		
IARC 420 or IARC 491 ~~IDS 420 or IDS 491~~	3	2.5 cumulative GPA
Term 7		
[1]Social Sciences Elective*	3	2.5 cumulative GPA ~~Apply to graduate~~
IARC 480 ~~IDS 480~~	3	Apply to graduate ~~IDS 471~~
IARC 471 and IARC 473 ~~IDS 471 and IDS 473~~	6	IARC 471
ARCH 547 – Structural Principles in Architecture ~~ARCH 545 - Principles of Environmental Control I~~	4 ~~3~~	
Term 8		
[1]Cultures and Civilizations Elective*	3	2.5 cumulative GPA ~~IDS 472 or IDS 474~~
ARCH 542 - Design III: Campus and Urban Architecture	6	IARC 472 or IARC 474
ARCH 548 – Materials and Methods in Architecture ~~ARCH 546 - Principles of Environmental Control II~~	4 ~~3~~	
~~ARCH 312~~	~~3~~	
TOTAL	**127 ~~128~~**	
~~Summer before entering Master of Architecture Program~~		
~~ARCH 331* and ARCH 332~~	~~8~~	

Rationale: Revised showcase for 4+2 program to reflect approved changes in the M.Arch. program. Also revised showcase to reflect approved change in the undergraduate architecture program, changing course number from ARCH 421 to ARCH 321. Impact on Other Academic Units: Coordination with architecture. There is no impact on units outside the college. Financial Impact: None.

REVISE TEXT AND REQUIREMENTS

Interior Architecture ~~Design~~ Major, BS in Interior Architecture ~~Design~~ – Traditional Track

The interior architecture ~~design~~ curriculum is a rigorous course of study which combines technical courses, design studio courses, humanities, and a wide choice of electives. Through coursework and field study experiences, students develop specialized problem solving skills and knowledge for the analysis, planning and design of interior architectural environments. They apply the use of lighting, color, mechanical systems, and furnishings as they design spaces for both residential and commercial settings.

Requirements for the Bachelor of Science in Interior Architecture ~~Design~~ – Traditional Track

Term 1	Hours	Milestone Notes
ARCH 121, ARCH 171	5	2.5 ~~2.3~~ cumulative GPA
ENGL 101* or ENGL 118*	3	
IARC 101 or IARC 107 ~~IDS 101 or IDS 107~~	3	
IARC 221 ~~IDS 221~~	2	
[1]Communicating Orally Elective*	3	
Term 2		
ARCH 122, ARCH 172	6	2.5 ~~2.3~~ cumulative GPA
ARTH 173* or ARTH 178*	3	ENGL 102*
IARC 200* or IARC 207* ~~IDS 200* or IDS 207*~~	3	
ENGL 102*	3	
Term 3		
ARCH 221	2	2.5 ~~2.3~~ cumulative GPA
ARCH 211*, ARCH 217*, IARC 211, or IARC 217 ~~IDS 211, or IDS 217~~	3	MATH 123*
IARC 271, IARC 273 ~~IDS 271, IDS 273~~	6	
MATH 123*	3	
Term 4		
IARC 272, IARC 274 ~~IDS 272, IDS 274~~	6	2.5 cumulative GPA ~~3.0 major GPA or 2.5 major GPA and successful portfolio review~~
IARC 212 or IARC 218, IARC 261 ~~IDS 212 or IDS 218, IDS 261~~	6	IARC 272 ~~IDS 272~~
PHYS 161*	3	
ARCH 212* or ARCH 218*	3	
Term 5		
ARCH 321 ~~ARCH 421~~	2	2.5 ~~2.3~~ cumulative GPA

IARC 331, IARC 371, IARC 373, IARC 460* ~~IDS 331, IDS 371, IDS 373, IDS 460*~~	11	IARC 371 ~~IDS 371~~
[1]Natural Sciences w/Lab Elective*	4	
Term 6		
[1]Cultures and Civilizations Elective*	3	2.5 ~~2.3~~ cumulative GPA
IARC 360, IARC 372 ~~IDS 360, IDS 372~~	9	IARC 372 ~~IDS 372~~
[1]Social Sciences Elective*	3	
Term 6½		
IARC 420 or IARC 491 ~~IDS 420 or IDS 491~~	3	2.5 cumulative GPA
Term 7		
[1]Cultures and Civilizations Elective*	3	2.5 cumulative GPA ~~Apply to graduate~~
IARC 480, IARC 430[3] ~~IDS 480, IDS 430[3]~~	3-4	Apply to graduate ~~IDS 471~~
IARC 471 and IARC 473 ~~IDS 471 and IDS 473~~	6	IARC 471
[2]Professional Elective	3	
Term 8		
[1]Communicating through Writing Elective*	3	2.5 cumulative GPA ~~IDS 472 or IDS 474~~
IARC 472, IARC 474, or IARC 477 ~~IDS 472, IDS 474, or IDS 477~~	5-6	IARC 472 or IARC 474
[2]Professional Elective	3	
[2]Professional Elective	3	
TOTAL	**127-129**	

[2] Chosen from any 300-499 interior architecture ~~design~~ courses, any 300-599 architecture courses, or any 400-599 landscape architecture courses.

[3] IARC 430 ~~IDS 430~~ required only if IARC 472 ~~IDS 472~~ - Senior Interior Architecture ~~Design~~ Project or IARC 477 ~~IDS 477~~ - Honors: Senior Interior Architecture ~~Design~~ Project is to be taken in the final spring semester.

Rationale: Revised showcase for Interior Architecture program to reflect approved change in the undergraduate architecture program, changing course number from ARCH421 to ARCH321. Impact on Other Academic Units: Coordination with architecture. There is no impact on units outside the college. Financial Impact: None.

COLLEGE OF ARTS AND SCIENCES
All changes effective fall 2017

COURSE CHANGES

DEPARTMENT OF ANTHROPOLOGY
(ANTH) Anthropology

Anthropology-BA
1. Students will demonstrate an understanding of the core knowledge, methods and theories of archaeology.
2. Students will demonstrate an understanding of the core knowledge, methods and theories of Biological Anthropology.
3. Students will demonstrate an understanding of the core knowledge, methods and theories of Cultural Anthropology.

ADD

ANTH 359 Selected Topics in Biological Anthropology Method and Theory (3)
Biological anthropology method and theory topics for undergraduate students. Topics may include practical experience or laboratory study of anthropological materials.
Repeatability: May be repeated. Maximum 6 hours.
(RE) Prerequisite(s): 110 or 117.

Rationale: These courses have been taught under variable topics numbers and have been well received. The department now feels that they should have their own numbers. Impact on other units: None. Financial impact: None. Program Learning Outcomes: Anthropology-BA #1 Support from Assessment Activities: Curriculum review

ANTH 430R Fieldwork in Archaeology (3-9) Practicum work in archaeological data recovery and analytical techniques.
Repeatability: May be repeated. Maximum 9 hours.
(RE) Prerequisite(s): 120 or 127.

Rationale: The R-subcommittee approved this course for an R-designation.

ANTH 469 Selected Topics in Archaeological Area (3)
Area studies in archaeological topics for undergraduate students. Topics may include practical experience or laboratory study of anthropological materials.
Repeatability: May be repeated. Maximum 6 hours.
Registration Permission: Consent of instructor.

Rationale: These courses have been taught under variable topics numbers and have been well received. The department now feels that they should have their own numbers. Impact on other units: None. Financial impact: None. Program Learning Outcomes: Anthropology-BA #1 Support from Assessment Activities: Curriculum review

SCHOOL OF ART

Art Education-BA/BFA
1. Demonstrates understanding of the central concepts, tools of inquiry, and structures of the discipline(s) he/she teaches and can create learning experiences that make these aspects of subject matter meaningful for students.
2. Demonstrates understanding of how children learn and develop, and can provide learning opportunities that support their intellectual, social, and personal development.
3. Demonstrates understanding of how students differ in their approaches to learning and creates instructional opportunities that are adapted to diverse learners.
4. Demonstrates use of a variety of instructional strategies to encourage development of critical thinking, problem solving and performance skills in students.
5. Plans instruction based upon knowledge of subject matter, students, the community and curricular goals.

Art History-BA
1. Students will demonstrate competence in the analysis of form and content of works of art.
2. Students will be able to identify and explain significant works of art in at least four different areas of the history of art within historical, cultural, and philosophical contexts.
3. Differentiate and interpret works of art through the basic methods of investigation for research in the history of art.
4. Develop skills in critical analysis particular to the discipline of art history through oral and written expression.

Art-BA
1. Student will be proficient in their concentration within Studio Art.
2. Students will use a critical language for the visual arts.
3. Students will be able to combine their art making with, and connect their artwork to, their experiences in the study of other Liberal Arts disciplines.

Graphic Design-BFA
1. A Graphic Design major (BFA) will be able to analyze, criticize, execute, and communicate design concepts in verbal, visual, and written forms across various media.
2. A Graphic Design major (BFA) will understand and frame design within social, cultural, and technological contexts.
3. A Graphic Design major (BFA) will explore, discover, and refine their personal creative process and be able to provide reflection on personal growth at the conclusion of each semester.
4. Graphic Design majors (BFA) will be able to carry out self-directed research by analyzing an existing problem and by synthesizing these findings to develop a strategic solution.

Studio Art-BFA
1. A Studio Art major (BFA) will create a body of artwork for public exhibition.
2. A Studio Art major (BFA) will use a critical language for the visual arts.
3. A Studio Art major (BFA) will express his/her artistic ideas in visual, verbal, and written forms.
4. Studio Art majors (BFA) will present themselves professionally through assemblage of artist portfolios, statements, and resumes.

(ARTB) Art Three-Dimensional Arts

DROP

ARTB 225 Portfolio Practicum – Handbuilding (3)
ARTB 226 Portfolio Practicum – Throwing (3)

Rationale: Because ARTB 221 – Ceramic Sculpture and ARTB 222 – Beginning Pottery are repeatable up to 6 hours these courses are no longer needed. Impact on other units: None. Financial impact: None. Program Learning Outcomes: Art-BA #1, Studio Art-BFA #1. Support from Assessment Activities: Curriculum review

(ARTC) Art Four-Dimensional Arts

ADD

ARTC 431 The Business of Cinema (3) Advanced study of motion picture producing and of the film and video industries.

Rationale: This course has been taught under a special topics number and enrollment was very strong. It will be taught again in spring 2017 and will also satisfy requirements for Cinema Studies majors and minors. Impact on other units: Will add an elective that can be used to satisfy the Cinema Studies major/minor. Financial impact: None.

DEPARTMENT OF BIOCHEMISTRY AND CELLULAR AND MOLECULAR BIOLOGY
(BCMB) Biochemistry and Cellular and Molecular Biology

Biological Sciences-BS
1. Students will be able to articulate the five major concepts of Biology (Evolution, Structure and Function, Information Flow and Storage, Transformations of Energy and Matter, Systems)
2. Students will demonstrate an ability to interpret visual representations and evaluate data and come to a conclusion
3. Students will be able to articulate empirically-testable hypotheses and experimental designs

ADD

BCMB 200 Introduction to Research in BCMB (1) Participation in an active research program in biochemistry, cellular or molecular biology. Students work with researchers to acquire expertise in laboratory practices, planning experiments, interpreting results, and formulating hypotheses.
Grading Restriction(s): A,B,C, No Credit grading only.
Repeatability: May be repeated. Maximum 3 hours.
Credit Restriction: May not be applied toward the BCMB concentration.
(RE) Corequisite(s): Biology 159,160
Registration Permission: Consent of Instructor.

Rationale: To encourage students to participate in research at an earlier stage of their undergraduate career and provide students and faculty the opportunity to assess one another, the lab environment and interest in research. Also to prepare students for the rigors of undergraduate research at an advanced level. Impact on other units: None. Financial impact: None. Program Learning Outcomes: Biological Sciences-BS #3.
Support from Assessment Activities: Outside of assessed outcomes.

BCMB 333 Structural Biology and Human Health (3) Structure of biomolecules and structural basis of health-related conditions and pharmaceuticals. Topics include fundamentals and experimental aspects of protein structure and function, medical conditions related to molecular structural variations and structural approaches to drug discovery and drug design.
(RE) Prerequisite(s): Biology 160 or equivalent; and Chemistry 130.
Comment(s): Intended for biology majors in the biochemistry and cellular and molecular biology concentration, but also open to biology majors in other concentrations.

Rationale: Structural biology is not taught now on its own and is only included explicitly in 100-level and 400-level classes. It is an important gateway to quantitative and analytical biology and is very relevant to pre-health classes. Offering structural biology as 300 also reinforces the importance of the field not only as a 'side topic' of other biological concepts. Impact on other units: None. Financial impact: None. Program Learning Outcomes: Biological Sciences #2. Support from Assessment Activities: Curriculum review

BCMB 405 Biophysical Chemistry (4) Covers (1) thermodynamics; free energy; entropy and enthalpy; chemical equilibrium; solution chemistry; protein folding; DNA melting; protein-ligand association; phase transition; (2) enzymatics; protonation and electron transport. (3) Molecular Structure and Interaction (3a) Theory: Quantum theory, Duality principle, Wave Equation, Single atom model, (3b) Applications: Simulated Molecular Dynamics. Spectroscopy (UV-Vis, Raman, Fluorescence, Circular dichroism, NMR), X-ray diffraction and scattering.
(RE) Prerequisite(s): 401 or equivalent.
Recommended Background: Calculus.
Comment(s): Intended for biology majors in the biochemistry and cellular and molecular biology (BCMB) concentration, but also open to majors in other concentrations.

Rationale: Biophysical chemistry is currently taught as a joint course with the Chemistry Department spanning the fall (BCMB/CHEM 471) and spring (BCMB/CHEM 481) semesters. Chemistry will be dropping those from their curriculum. This course is designed to replace 471/481 and the coursework from the earlier courses is consolidated into a single course. Impact on other units: None Financial impact: None. Program Learning Outcomes: Foundational. Support from Assessment Activities: Curriculum change in other unit

† BCMB 460 Cancer Biology (3) A comprehensive view of cancer. Topics include the basic mechanism of cancer formation and metastasis, animal models for studying cancer, microbes and cancer, with possible clinical rounds with oncologists. The class will be taught through lectures, videos and possible "experiential" learning through UT's Cancer Center. *(Same as Microbiology 460.)*
(RE) Prerequisite(s): 401.
Comment(s): Intended for biology majors in the biochemistry and cellular and molecular biology concentration or microbiology concentration but also open to biology majors in other concentrations.

Biochemistry and Cellular and Molecular Biology is primary.

Rationale: Cancer biology is not taught on its own although it is an important gateway to human health and disease and is very relevant to pre-health majors. Offering cancer biology at the 400 level allows the topic to be taught in more depth. The potential shadowing of oncologists will allow a multi-faceted approach to this issue. Impact on other units: No impact. Financial impact: No impact. Program Learning Outcomes: Elective. Support from Assessment Activities: Curriculum review

DEPARTMENT OF CHEMISTRY
(CHEM) Chemistry

Chemistry-BS

1. Students will demonstrate a broad knowledge of chemistry, including basic chemistry concepts, general chemical principles, and important factual information in chemistry.
2. Students will demonstrate an ability to write reasonable scientific reports.
3. Students will demonstrate an ability to make a scientific presentation.

Chemistry-BS Chem
1. Students will demonstrate a broad knowledge of chemistry, including basic chemistry concepts, general chemical principles, and important factual information in chemistry.
2. Students will demonstrate competence in the use of appropriate synthetic, spectroscopic or other instrumental techniques.
3. Students will demonstrate the abilities to conduct original chemistry research and write scientific reports under the supervision.
4. Students will demonstrate an ability to make a scientific presentation.

DROP

CHEM 150 Chemistry and Society (3)

Rationale: For all course drops and adds, the Department of Chemistry is doing a complete update of their major programs and courses to bring them in line with current practices. Impact on other units: All affected units have been advised of the Chemistry revisions. Financial impact: None. Program Learning Outcomes: All Support from Assessment Activities: Curriculum review against national practices

ADD

CHEM 210 Foundations of Analytical Chemistry (3)
Principles and practices of wet chemical and instrumental methods of chemical analysis with statistical treatment of acquired date.
(RE) Prerequisite(s): 130 or 138.
Recommended Background: Physics 135 or Physics 137.

CHEM 219 Foundations of Analytical Chemistry Laboratory (1)
Experiments on the principles and practices of wet chemical and instrumental methods of chemical analysis with statistical treatment of acquired data.
(RE) Corequisite(s): 210.
Recommended Background: Physics 135 or Physics 137.

DROP

CHEM 230 Inorganic Chemistry (3)
CHEM 240 Chemical Programming (2)

ADD

CHEM 260 Foundations of Organic Chemistry (3)
Compounds of carbon and their reactions. Reaction mechanisms, synthesis, spectroscopic, and other physical properties.
Credit Restriction: Students may not receive credit for both 260 and 268.
(RE) Prerequisite(s): 130 or 138.

CHEM 268 Honors: Foundations of Organic Chemistry (3)
Enhanced version of Chemistry 260 with added emphasis on reactive species, important structural variations, synthesis, and biological implications.
Credit Restriction: Students may not receive credit for both 268 and 260.
(RE) Prerequisite(s): 130 or 138.
Comment(s): Students using 130 as a prerequisite must have a grade of B or better and permission of instructor. Intended and recommended for chemistry, biochemistry, and other physical science majors preparing for careers in science or health-related fields.

CHEM 269 Foundations of Organic Chemistry Laboratory (1)
Experiments involving synthesis, purification, and characterization of organic compounds discussed in 260 and 268.
Registration Restriction: Permission of instructor.
Comment(s): Recommended for all chemistry majors. Chemistry majors needing minimum 2 credit hours of organic chemistry for professional school should take 269 and 449.

CHEM 300 Introductory Research in Chemistry (1)
Introduction to the principles and practice of research in chemistry for Chemistry Majors. Written report required.
(RE) Prerequisite(s): 130 or 138.
Registration Restriction: Chemistry Major.

DROP

CHEM 310 Analytical Chemistry (3)

ADD

CHEM 311 Advanced Analytical Chemistry (3)
Theory and practical applications of advanced instrumentation in analytical chemistry.
(RE) Prerequisite(s): 210 and 219 and Physics 136 and Mathematics 142.

DROP

CHEM 319 Analytical Chemistry Laboratory (1)
CHEM 320 Advanced Analytical Chemistry (3)
CHEM 329 Advanced Analytical Chemistry Laboratory (2)

ADD

CHEM 330 Foundations of Inorganic Chemistry (3)
Introduction to the principles and practice of inorganic chemistry; atomic and molecular structure, periodicity, bonding, symmetry, main group and transition metal chemistry.
(RE) Corequisite(s): 260.
Recommended Background: general chemistry plus one semester organic chemistry.

CHEM 339 Foundations in Inorganic Chemistry Laboratory (1)
Experiments demonstrating the principles and practice of inorganic chemistry; synthesis, characterization and properties of inorganic complexes.
(RE) Prerequisite(s): 260.
(RE) Corequisite(s): 330.
Recommended Background: General chemistry plus one semester organic chemistry including a laboratory.

DROP

CHEM 350 Organic Chemistry I (3)
CHEM 358 Honors: Organic Chemistry I (3)

ADD

CHEM 370 Foundations of Physical Chemistry (3)
Quantum Mechanics, Chemical Thermodynamics, Kinetics and Statistical Mechanics.
(RE) Prerequisite(s): 130 or 138 and Physics 136 or 138.
Recommended Background: Mathematics 241.

CHEM 379 Physical Chemistry Laboratory (1)
Experimental investigations at the microscopic level of chemical phenomena and molecular properties with examples relevant to Chemical Thermodynamics/Kinetics, Spectroscopy and Statistical Mechanics. Written lab reports required.
(RE) Corequisite(s): 370.

CHEM 380 Foundations of Chemical Biology (3)
Introduction to the principles of chemical biology including the structure, properties and functions of biological molecules.
(RE) Prerequisite(s): 130 or 138.
(RE) Corequisite(s): 260.
Recommended Background: One semester organic chemistry.

CHEM 389 Foundations of Chemical Biology Laboratory (1)
Experiments illustrating the principles and practices of chemical biology focusing on the analysis, characterization and detection of biological molecules.
(RE) Corequisite(s): 380.
Recommended Background: one semester organic chemistry.

DROP

CHEM 439 Advanced Inorganic Chemistry Laboratory (1)

ADD

CHEM 449 Advanced Synthesis Laboratory (2)
Modern techniques of synthesis and characterization of organic and inorganic molecules and materials; handling air sensitive materials; chromatographic purification, spectroscopic characterization, X-ray structure determination.
(RE) Prerequisite(s): 260 and 269 or 369 and 330 and 339.

DROP

CHEM 450 Advanced Organic Chemistry (3)

ADD

CHEM 459 Advanced Measurement and Spectroscopy Laboratory (2)
Experiments introducing measurement of electronic signals, Fourier analysis, computer control of experiments, basic multivariate regression, and various advanced spectroscopies.
(RE) prerequisite(s): 210 and 219 and 370 and 379.

CHEM 470 In-depth Physical Chemistry (3)
Advanced topics in Quantum Mechanics, Spectroscopy, Intermolecular forces and potential energy surfaces, Statistical Mechanics and Computational Modeling.
(RE) Prerequisite(s): 370.
Recommended Background: Mathematics 241 and 251.

DROP

† CHEM 471 Biophysical Chemistry (3)
(See Biochemistry and Cellular and Molecular Biology 471.)
BCMB is primary.

CHEM 473 Physical Chemistry I (3)
CHEM 479 - Physical Chemistry Laboratory I (2)

† CHEM 481 Biophysical Chemistry (3)
(See Biochemistry and Cellular and Molecular Biology 481.)
BCMB is primary.

CHEM 483 Physical Chemistry II (3)
CHEM 489 Physical Chemistry Laboratory II (2)

Rationale: For all course drops and adds, the Department of Chemistry is doing a complete update of their major programs and courses to bring them in line with current practices. Impact on other units: All affected units have been advised of the Chemistry revisions. Financial impact: None. Program Learning Outcomes: All Support from Assessment Activities: Curriculum review against national practices.

CHEMISTRY EQUIVALENCY TABLE

Current Courses	Equivalent Courses Effective Fall 2017
230 Introduction to Inorganic Chemistry (3)	330 Foundation Inorganic Chemistry (3)
310 Analytical Chemistry 1st semester (3)	210 Foundation Analytical Chemistry (3)
319 Analytical Chemistry 1st semester laboratory (1)	219 Foundation Analytical Chemistry Laboratory (1)
320 Analytical Chemistry 2nd semester (3)	311 Advanced Analytical Chemistry (3)
350 Organic Chemistry 1st semester (3)	260 Foundation Organic Chemistry (3)
358 Honors Organic Chemistry 1st semester (3)	268 Honors Organic Chemistry 1st semester (3)
439 Advanced Inorganic Lab (1)	339 Foundation Inorganic Lab (1)
473 Physical Chemistry I (3)	370 Foundation Physical Chemistry (3)
479 Physical Chemistry Laboratory I (WC) (2)	459 Advanced Measurement and Spectroscopy Laboratory (WC) (2)
483 Physical Chemistry II (3)	470 Advanced Physical Chemistry (3)

DEPARTMENT OF CLASSICS
(CLAS) Classics

Classics-BA
1. Student demonstrates an ability to analyze the primary sources, textual or non-textual, and construct an effective argument using the recognized evidentiary standards of the discipline.
2. Student demonstrates comprehension of primary sources of the study of the discipline of classics, textual or non-textual.
3. Student demonstrates advanced research and information literacy skills, including critical use of both print and electronic media, as well as appropriate acknowledgment of both primary and secondary sources.

ADD

CLAS 254 Greek and Roman Epic in English Translation (3) Epic literature of ancient Greece and Rome. Writing-emphasis course.

CLAS 255 Greek and Roman Drama in English Translation (3) Theater plays (tragedy and/or comedy) of ancient Greece and Rome. Writing-emphasis course.

Rationale: Currently the department teaches every semester a single Greek and Roman Literature in English Translation course in three parallel sections, two dealing with epic and one with drama or another genre. Students do not which genre they will study until they come to the first class. By creating explicitly named courses students can make more informed choices. We are also

responding to student requests that they would be able to take multiple courses exploring different genres of ancient Greek and Roman literature in translation. Impact on other units: None. Financial impact: None. Program Learning Outcomes: Classics-BA #2 Support from Assessment Activities: Curriculum review

DEPARTMENT OF EARTH AND PLANETARY SCIENCES
(GEOL) Geology

Geological & Environmental Studies-BS
1. Indicate knowledge of basic principles of Geology and Environmental Studies.
2. Demonstrate the ability to engage in the scientific process through the collection and evaluation of data, testing of hypotheses, and communication of the results.
3. Illustrate critical thinking and communication skills necessary to address issues in geology and environmental studies at the core level.

ADD

✱ GEOL 202S Earth as an Ecosystem: Modern Problems and Solutions (3) Study of the earth as an integrated system between physical and biological processes. Focus is on human disturbances, such as habitat destruction and pollution.
Credit Restriction: May not be applied toward the geology concentration. Students may not receive credit for both 202 and 208.

Rationale: The S-subcommittee approved this course for an S-designation.

GEOL 206S Sustainability: Reducing our Impact on Planet Earth (3) An introduction to the field of "sustainable living," which emphasizes reducing the environmental footprint of individuals and cultures. Topics include: environmental footprints, green living, green consumerism, ethical consumption, voluntary simplicity, green technologies and other ways for people to reduce their environmental impact.
(Same as Geography 206.)

Geology is primary.

Rationale: The S-subcommittee approved this course for an S-designation.

DEPARTMENT OF ECOLOGY AND EVOLUTIONARY BIOLOGY
(EEB) Ecology and Evolutionary Biology

(See Division of Biology for learning objectives)

ADD

EEB 310 Evolution, Disease, and Medicine (3) Evolutionary theory and scientific reasoning in ecology and evolutionary biology, as applied to human disease, medical theory and practice, and public health. Focus on logical rigor, applying theory to generate hypotheses consistent with observations, and applying and interpreting theory to predict the outcomes of experimental manipulations/interventions.

Rationale: There is currently no course offered that introduces evolutionary theory to non-science majors and/or those with no formal scientific background. By offering a course at this level we hope to broaden the appeal of scientific, biological thinking to students who are more broadly interested in any field, especially medical and veterinary sciences, and public health. Impact on other units: No direct impact. Financial impact: None. Program Learning Outcomes: Not primarily for majors

EEB 475 Conversational BioMathematical Modeling (3) Concepts in mathematical modeling in the biological sciences. Focus on understanding different types of models and how to read the primary literature that utilizes these methods.

Rationale: While there are existing courses that introduce students to the practice of building mathematical models, there is currently no course for the "lay" scientist who simply wishes to understand what mathematical models can achieve without wanting to become competent in building those models themselves. This course is proposed to fill that gap. Impact on other units: None. Financial impact: None. Program Learning Outcomes: Not primarily for majors

DEPARTMENT OF ENGLISH
(ENGL) English

English-BA
1. Students will be able to analyze and interpret literary and non-literary texts.
2. Students will be able to construct effective arguments.
3. Students will be able to demonstrate effective writing skills.
4. Students will be able to demonstrate advanced research and information literacy skills.

ADD

ENGL 306 Shakespeare and Film (3) Literary and cinematic study of Shakespearean drama and the aesthetics and politics of reception. Content Varies.

(RE) Prerequisite(s): 102, 118, 132, 290, or 298.

Rationale: This course addresses a dynamic, fast-growing area of Shakespeare studies. We expect significant student interest in the topic. The course will be a regular offering and is being converted from a successful special topics offering. Impact on other units: None. Financial impact: None. Program Learning Outcomes: English-BA #1, 4. Support from Assessment Activities: Curriculum review

DEPARTMENT OF GEOGRAPHY
(GEOG) Geography

Geography-BA
1. Students will be able to design and illustrate spatial data through maps that can be understood by a general audience.
2. Students can design a research project and create a research portfolio to be used in career preparation.
3. Students can identify job opportunities in the public, private, and academic sectors. Additionally, students will be prepared to explore these opportunities.

ADD

GEOG 204 Understanding Climate Change (3) Overview of natural and human-caused mechanisms that have contributed to changes in Earth's climate, with an emphasis on climate change in the 20th and 21st centuries. Discussions focus on causes, mitigation, public attitudes, and government policy.

Rationale: Climate change continues to generate intense debate among the public, scientists, government agencies, and policy-makers, yet few students have the necessary background to understand climate, why climate has changed, and what the prognosis is for future climate and the future of humankind. This course will be offered at an introductory level to appeal to students in both STEM and non-STEM disciplines. Impact on other units: None. Financial impact: None. Program Learning Outcomes: Elective Support from Assessment Activities: Curriculum review

ADD SECONDARY CROSS LISTED COURSE

† GEOG 206 Sustainability: Reducing our Impact on Planet Earth (3)
(See Geology 206.)

Geology is primary.

Rationale: The Sustainability Interdisciplinary Program is being moved to the Geography department as a major. This course will be moved to Geography also but not until next year. For now the course will be housed in Earth and Planetary Sciences and cross listed with Geography. Impact on other units: Geography course. Financial impact: None.

GEOG 206S Sustainability: Reducing our Impact on Planet Earth (3)
(See Geology 206S.)

Geology is primary.

The S-subcommittee approved this course for an S-designation.

DROP

GEOG 492 Off-Campus Study (1-15)

Rationale: No student has registered for this course during the past decade. Impact on other units: None. Financial impact: None.

DEPARTMENT OF HISTORY
(HIST) History

History-BA
1. Students will analyze and interpret relevant primary and secondary sources.
2. Students will demonstrate historical research skills.
3. Students will integrate skills of research, citation, and critical analysis in clearly written papers that demonstrate an ability to construct a historical argument and sustain it over the length of a substantial essay.

(HIAS) History - Asia

ADD

HIAS 493 The Samurai: Fact, Fiction, Fantasy (3) A history of the samurai from their rise in the ninth century CE to their formal abolition in 1872, this course contrasts the historical narrative with modern depictions of purported samurai ideals to discuss issues pertaining to the politicization of the past.

Rationale: This course will complement existing Japanese history classes offered by the same instructor. Impact on other units: None. Financial impact: None. Program Learning Outcomes: All Support from Assessment Activities: Curriculum review

(HIEU) History - Europe

ADD

HIEU 324 The Viking World (3) Examines the history of the Viking world from 800 to 1100 CE. Covers numerous topics, including: the incursions and conquests of the Vikings, religion and mythology, the development of medieval Scandinavian society, and the memory of the Viking Age in later culture and myth.

Rationale: A faculty member would like to add this course to complement his other offerings in medieval European history. Impact on other units: None. Financial impact: None. Program Learning Outcomes: Support from Assessment Activities: Curriculum review

DROP

HIEU 436 History of Nazi Germany (3)

Rationale: This will clear up a duplication in the catalog. Impact on other units: None. Financial impact: None.

(HIUS) History – United States

ADD

† HIUS 324 History of Rape in the U.S. (3) Course explores recent historical interpretations of the history of sexuality, with a focus on sexual violence. The readings cover changing definitions and laws, cultural representations, and the role of gender, race, and age in the construction of rape and other forms of sexual violence.
(Same as Women, Gender, and Sexuality 324.)

History is primary.

Rationale: A faculty member would like to add this course to complement his other offerings in the history of sexuality. Impact on other units: Cross listed with Women, Gender, and Sexuality. Financial impact: None.

HIUS 365 Food and Power in U.S. History (3) American history through lenses of food and agriculture; emphasizes social, political, economic, and environmental questions, and interactions with the non-human world. Writing-emphasis course.

Rationale: The faculty member who regularly teaches this course feels it will be more effective as a lecture course, not a research-based one. He would also like to have a larger audience for the course (400-levels mostly capped in History at 25). Impact on other units: None. Financial impact: None.

DROP

HIUS 439 Food and Power in U.S. History (3)

Rationale: This course is being moved to the 300-level. Impact on other units: None. Financial impact: None.

History Equivalency Table

Current Course	Equivalent Course Effective Fall 2017
HIUS 439	HIUS 365

INTERDISCIPLINARY PROGRAMS
(AFST) Africana Studies

ADD

AFST 433 Africa and the Diaspora (3) Topics vary depending on instructor but are broadly related to the continent of Africa and the social, cultural and political development of the continent and its impact on the diaspora.
Repeatability: May be repeated. Maximum 6 hours.

AFST 434 The Caribbean and the Diaspora (3) Issues related to people of African descent in the Caribbean. Special consideration is given to the African diaspora.
Repeatability: May be repeated. Maximum 6 hours.

AFST 435 North America and the Diaspora (3) Topics vary depending on instructor but are broadly related to people of African descent in North America.
Repeatability: May be repeated. Maximum 6 hours.

Rationale: Currently the AFST course offerings at the 400 level are sparse because we do not currently have program control over the courses, most of which reside in other departments. This makes it difficult for our majors to finish and leaves them with few

options at the 400 level. To address this problem we want to create three new courses in areas which are lacking, to be housed in Africana Studies. Impact on other units: None. Financial impact: None.

(AMST) American Studies

ADD

AMST 200 American Cultures in Global Perspective (3) An introduction to the field of American Studies through examining the diversity that makes up US culture and society, from an interdisciplinary perspective and with attention to transnational and global dimensions.

Rationale: The American Studies IDP has for several years discussed the need for a 200-level introduction to its major. This new class will fill this need. Impact on other units: None. Financial impact: None. Program Learning Outcomes: In development

(ASST) Asian Studies

IDP Asian Studies-BA
1. Students must achieve proficiency in an Asian language at an intermediate level or above.
2. Students will demonstrate comprehension of select aspects of Asian civilizations as manifested sociopolitical systems, literary/artistic expressions, and sociological and economic trends.
3. Students will demonstrate ability to analyze sources, material evidence, and/or other forms of primary documents appropriate to the study of Asian culture in the humanities, social sciences, and languages.

DROP PRIMARY CROSS LISTED COURSES

† ASST 141 Elementary Modern Hebrew I (4)
(Same as Hebrew 141.)

† ASST 142 Elementary Modern Hebrew II (4)
(Same as Hebrew 142.)

✳ † ASST 241 Intermediate Modern Hebrew I (4)
(Same as Hebrew 241.)

✳ † ASST 242 Intermediate Modern Hebrew II (4)
(Same as Hebrew 242.)

Rationale: These courses are moving to Modern Foreign Languages and Literatures. Impact on other units: Only impacts Asian Studies and Modern Foreign Languages and Literatures. Financial impact: None.

(LING) Linguistics

ADD

LING 421 Phonetics (3) Introduction to the basics of phonetics – the nature of speech sounds, speech production, and speech acoustics – as well as the International Phonetic Alphabet. The class will be conducted in English, but students will examine speech sounds in many different languages. No background in any language is required.
(DE) Prerequisite(s): LING 200 or permission of instructor.

Rationale: Phonetics is one of the core areas in linguistics, and it serves as the foundation for the majority of linguistic analyses. A phonetics course that teaches students how to articulate and transcribe speech sounds in world languages will greatly strengthen students' training in linguistics as well as other majors such as language education. Impact on other units: No direct impact. This course could be used to satisfy requirements for some graduate programs in the College of Education, and could later be cross listed with ENGL or MFLL courses. Financial impact: None. Program Learning Outcomes: In development

ADD NEW INPG DIVISION

(MEST) Middle East Studies

ADD SECONDARY CROSS-LISTED COURSES:

† MEST 225 Introduction to Judaism, Christianity, Islam (3)
(See Religious Studies 225.)
Religious Studies is primary.

† MEST 331 Advanced Arabic Composition and Grammar (3)
(See Arabic 331.)
Arabic is primary.

† MEST 332 Formal Spoken Arabic (3)

(See Arabic 332.)
Arabic is primary.

† MEST 366 History of the Middle East and the Islamic World, 600 – 1050 (3)
(See History – Middle East 366.)
History – Middle East is primary.

† MEST 369 History of the Middle East and the Islamic World, ca. 1050 – 1500 (3)
(See History – Middle East 369.)
History – Middle East is primary.

† MEST 370 Modern Middle East (3)
(See History – Middle East 370.)
History – Middle East is primary.

† MEST 425 Early Christian and Byzantine Art to 1350 (3)
(See Art History 425.)
Art History is primary.

† MEST 431 Media Arabic (3)
(See Arabic 431.)
Arabic is primary.

† MEST 432 Introduction to Modern Arabic Literature (3)
(See Arabic 432.)
Arabic is primary.

† MEST 463 Contemporary Middle East Politics (3)
(See Political Science 463.)
Political Science is primary.

Rationale: Middle East Studies is a new Interdisciplinary Program being developed. Impact on other units: Courses are being cross listed with Arabic, Art History, History, Religious Studies, and Political Science. All primary units have agreed to having their courses cross listed. Financial impact: None.

(WOST) Women's Studies

DROP

WOST 210 Images of Women in Literature: Biography and Autobiography (3)
WOST 215 Images of Women in Literature: Fiction, Poetry, Drama (3)
✳ WOST 220 Women in Society (3)

✳ † WOST 230 Marriage and Family: Roles and Relationships (3)
(See Child and Family Studies 220.)
Child and Family Studies is primary.

✳ WOST 235 Women in the Media (3)
✳ WOST 240 Women, Gender, and Sexuality (3)
WOST 310 Women and Social Change (3)

† WOST 320 Gender and Religion (3)
(See Religious Studies 320.)
Religious Studies is primary.

† WOST 325 Women in American History (3)
(See History – United States 325.)
History – United States is primary.

❋ † WOST 330 Women in Music (3)
(See Musicology 330.)
Musicology is primary.

† WOST 332 Women in American Literature (3)
(See English 332.)
English is primary.

WOST 340 Women, Politics, and the Law (3)
❋ WOST 370 Gender and Globalization (3)

† WOST 375 Gender in Society (3)
(See Sociology 375.)
Sociology is primary.

† WOST 376 African American Women's History from Slavery to the Present (3)
(See History – United States 376.)
History – United States is primary.

✱ † WOST 382 Philosophy of Feminism (3)
(See Philosophy 382.)
Philosophy is primary.

† WOST 384 Gender and Sexuality in Greece and Rome (3)
(See Classics 384.)
Classics is primary.

WOST 400 Topics in Women's Studies (3)

† WOST 412 Women, Performance Art, and the Avant Garde (3)
(See Musicology 412.)
Musicology is primary.

† WOST 422 Women Writers in Britain (3)
(See English 422.)
English is primary.

† WOST 434 Psychology of Gender (3)
(See Psychology 434.)
Psychology is primary.

† WOST 454 Gender and Crime (3)
(See Sociology 453.)
Sociology is primary.

† WOST 469 Sexuality and Cinema (3)
(Same as Cinema Studies 469.)
Women's Studies is primary.

† WOST 484 African American Women in American Society (3)
(See Africana Studies 484.)
Africana Studies is primary.

WOST 491 Foreign Study (1-6)
WOST 492 Off-Campus Study (1-6)
WOST 493 Independent Study (1-6)

Rationale: The Women's Studies program is changing to Women, Gender, and Sexuality Impact on other units: Cross listed courses are being revised to reflect the program name change. Financial impact: None.

ADD NEW INPG DIVISION

(WGS) Women, Gender, and Sexuality

ADD

WGS 200 Introduction to Women, Gender, and Sexuality (3) Introduction to key concepts and methods in the study of women, gender, and sexuality, including the fields of gender, feminist, and lesbian, gay, bisexual, and transgender (LGBT) studies. Students will examine historical movements, theoretical debates, and contemporary issues, especially as they pertain to the intersection of gender, race, class, sexuality, and other dimensions of social inequality. Emphasis will vary according to the interdisciplinary expertise of the instructor.

ADD SECONDARY CROSS LIST COURSES

† WGS 319 Gender and Religion in Asia (3)
(See Religious Studies 319.)
Religious Studies is primary.

† WGS 320 Gender and Religion (3)
(See Religious Studies 320.)
Religious Studies is primary.

† WGS 324 History of Rape in the United States (3)
(See History – United States 324.)
History – United States is primary.

† WGS 325 Women in American History (3)
(See History – United States 325.)
History – United States is primary.

† WGS 326 Gay American History (3)
(See History – United States 326.)
History – United States is primary.

† WGS 330 Gender and Music (3)
(See Musicology 330.)
Musicology is primary.

† WGS 332 Women in American Literature (3)
(See English 332.)
English is primary.

ADD

WGS 340 Gender, Politics and the Law (3) An examination of recent changes in the laws affecting women and a study of the role of women in contemporary American politics. Writing-emphasis course.

WGS 370 Gender and Globalization (3) This international and intercultural course examines how economic and political processes affect gender, culture, and society across the globe. Emphasis is placed upon women's subjectivity and agency in relation to these processes, and upon diverse forms of women's activism for social change.

ADD SECONDARY CROSS LIST COURSES

† WGS 375 Gender in Society (3)
(See Sociology 375.)
Sociology is primary.

† WGS 376 African American Women's History from Slavery to the Present (3)
(See History – United States 376.)
History – United States is primary.

† WGS 382 Philosophy of Feminism (3)
(See Philosophy 382.)
Philosophy is primary.

† WGS 384 Gender and Sexuality in Greece and Rome (3)
(See Classics 384.)
Classics is primary.

ADD

WGS 400 Topics in Women, Gender, and Sexuality (3) Content varies. Thematic focus on particular issues, concepts, theories, or methods in gender, feminist, or lesbian, gay, bisexual, and transgender (LGBT) studies.
Repeatability: May be repeated. Maximum 6 hours.

ADD SECONDARY CROSS LIST COURSES

† WGS 412 Gender, Performance Art, and the Avant Garde (3)
(See Musicology 412.)
Musicology is primary.

† WGS 422 Women Writers in Britain (3)
(See English 422.)
English is primary.

† WGS 434 Psychology of Gender (3)
(See Psychology 434.)
Psychology is primary.

† WGS 436 History of Gender and Sexuality in the United States (3)
(See History – United States 436.)

History – United States is primary.

† WGS 453 Gender and Crime (3)
(See Sociology 453.)
Sociology is primary.

† WGS 465 Gender and Sexuality in Early Latin America (3)
(See History – Latin America 465.)
History – Latin America is primary.

ADD PRIMARY CROSS LIST COURSE

† WGS 469 Sexuality and Cinema (3) Explores issues surrounding sexuality, gender and cinema from points of view of feminist film criticism. Writing-emphasis course.
(Same as Cinema Studies 469.)
Women, Gender, and Sexuality is primary.

ADD SECONDARY CROSS LIST COURSES

† WGS 484 African American Women in American Society (3)
(See Africana Studies 484.)
Africana Studies is primary.

ADD

WGS 490 Internship (1-15) Internship pertaining to women, gender, and/or sexuality.
Repeatability: May be repeated. Maximum 15 hours.
Registration Permission: Consent of program chair.

WGS 491 Foreign Study (1-15) Foreign study pertaining to women, gender, and/or sexuality.
Repeatability: May be repeated. Maximum 15 hours.

WGS 492 Off-Campus Study (1-15) Off-campus study pertaining to women, gender, and/or sexuality.
Repeatability: May be repeated. Maximum 15 hours.
Registration permission: Consent of program chair.

WGS 493 Independent Study (1-15) Independent study pertaining to women, gender, and/or sexuality.
Repeatability: May be repeated. Maximum 15 hours.
Registration permission: Consent of program chair.

WGS 499 Capstone Seminar in Women, Gender, and Sexuality (3) Content varies. Specialized study in women, gender, and sexuality. Includes a culminating research project that requires application of key concepts or methods in women, gender, and sexuality to a contemporary or historical problem or issue.
Registration Restriction: Junior and senior WGS majors only.

Equivalency Chart

Current Women's Studies (WOST) Courses	Equivalent Women, Gender, and Sexuality (WGS) Courses Effective Fall 2017
WOST 320	WGS 320
WOST 325	WGS 325
WOST 330*	WGS 330
WOST 332	WGS 332
WOST 340	WGS 340
WOST 370*	WGS 370
WOST 375	WGS 375
WOST 376	WGS 376
WOST 382*	WGS 382
WOST 384	WGS 384
WOST 400	WGS 400
WOST 412	WGS 412
WOST 422	WGS 422
WOST 434	WGS 434
WOST 454	WGS 453
WOST 469	WGS 469
WOST 484	WGS 484
WOST 491	WGS 491
WOST 492	WGS 492
WOST 493	WGS 493

Rationale: The Women's Studies program is being dropped and reinstated, with course updates and cross lists, as the new program Women, Gender, and Sexuality. Impact on other units: All impacted units have been notified and are making changes to their affected courses. Financial impact: None.

DEPARTMENT OF MATHEMATICS
(MATH) Mathematics

Mathematics-BS
1. The student will demonstrate knowledge of and computational skill in basic calculus and differential equations.
2. The student will be able to apply mathematics to solve basic real-world problems.
3. The student will demonstrate skill at solving relatively complex problems several steps of reasoning.
4. The student will demonstrate broad problem solving skills across a spectrum of subfields in mathematics.
5. The student will demonstrate mastery of basic logic and proof skills.

ADD

MATH 441 Advanced Calculus (3) Introduction to the topology of R^n, functions of multiple variables, and multivariable advanced calculus.
Credit Restriction: Students who receive a grade of C or better in 447 may not subsequently receive credit for 441.
(RE) Prerequisite(s): 341.

Rationale: These updated courses are replacing courses that will be dropped. Impact on other units: None. Financial impact: None. Program Learning Outcomes: #4 Support from Assessment Activities: Curriculum review

DROP

MATH 445 Advanced Calculus I (3)
MATH 446 Advanced Calculus II (3)

Rationale: These courses are being replaced with updated courses. Impact on other units: None. Financial impact: None.

ADD

MATH 450 Number Theory (3) Primes, Diophantine equations, quadratic reciprocity, cryptography, and other topics in number theory.
(RE) Prerequisite(s): 351.

MATH 451 Abstract Algebra (3) Topics in groups, rings, and fields.
Credit Restriction: Students who receive a grade of C or better in 457 may not subsequently receive credit for 451.
(RE) Prerequisite(s): 351.

Rationale: These updated courses are replacing courses that will be dropped. Impact on other units: None. Financial impact: None. Program Learning Outcomes: #4 Support from Assessment Activities: Curriculum review

DROP

MATH 455 Abstract Algebra I (3)
MATH 456 Abstract Algebra II (3)

Rationale: These courses are being replaced with updated courses. Impact on other units: None. Financial impact: None.

DEPARTMENT OF MODERN FOREIGN LANGUAGES AND LITERATURES

Modern Foreign Languages & Literatures BA
1. The MFLL major will understand and interpret written language on a variety of subjects in the target language.
2. The MFLL major will understand and interpret spoken language on a variety of subjects in the target language.
3. The MFLL major will be able to write analyses of a variety of subjects in the target language.
4. Students will use the target language outside the classroom to accomplish a variety of tasks (communicate with native speakers, solve problems, translate authentic text, etc).

(CHIN) Chinese

REVISE CREDIT HOURS

CHIN 131 Elementary Chinese I (4)
Formerly: 5 Credit Hours

CHIN 132 Elementary Chinese II (4)
Formerly: 5 Credit Hours

✳ **CHIN 231 Intermediate Chinese I (4)**
Formerly: 5 Credit Hours

✳ **CHIN 232 Intermediate Chinese II (4)**
Formerly: 5 Credit Hours

Rationale: We are adjusting our elementary Chinese courses to fit the model of Arabic, Japanese, and Russian, which meet four times per week rather than five. This will also make it easier for students to fit Chinese classes into their schedule, given that the 5-hour format is very difficult to schedule. Impact on other units: None. Financial impact: None.

ADD

CHIN 493 Independent Study (1-15)
Repeatability: May be repeated. Maximum 15 hours.
Registration Permission: Consent of program chair.

Rationale: An Independent Study course is needed by students who have finished all four years of Chinese language classes and would like to continue their language study, or by students who would like to work on research projects on Chinese. Impact on other units: None. Financial impact: None.

MOVE DIVISION

(HEBR) Hebrew
Formerly under Interdisciplinary Programs – all four active undergraduate courses will be revised to reflect the new department.

DROP CROSS LISTING

† **HEBR 141 Elementary Modern Hebrew I (4)** Taped language program.
Formerly (See Asian Studies 141.), Secondary cross listed to ASST 141.

† **HEBR 142 Elementary Modern Hebrew II (4)** Taped language program.
(RE) Prerequisite(s): 141
Formerly (See Asian Studies 142.)*, Secondary cross listed to ASST*

✳ † **HEBR 241 Intermediate Modern Hebrew I (4)** Taped language program.
Formerly (See Asian Studies 241.), Secondary cross listed to ASST

✳ † **HEBR 242 Intermediate Modern Hebrew II (4)** Taped language program.
(RE) Prerequisite(s): 241.
Formerly (See Asian Studies 242.), Secondary cross listed to ASST

Rationale: The Hebrew language courses are moving to Modern Foreign Languages and Literatures and will no longer be housed in the Asian Studies IDP. Impact on other units: Only impacts Modern Foreign Languages and Literatures and Asian Studies. Financial impact: None.

(SPAN) Spanish

ADD

SPAN 494S Spanish Community Service Practicum (1) Supervised community service with local agencies that assist Hispanic community or supervised activities with local cultural organizations that promote awareness of Hispanic culture among the general public. Each credit hour requires 40 semester hours of off-campus supervised work and a weekly one-hour tutorial with a faculty member.
Grading Restriction: Satisfactory/No Credit grading only.
Repeatability: May be repeated. Maximum 3 hours. Maximum 1 hour per semester.
Credit Restriction: May not be applied toward the Spanish major.
Comment(s): Requires completion of 18 hours of upper-division Spanish.
Registration Permission: Consent of instructor.

Rationale: The S-subcommittee approved this course for an S-designation.

SCHOOL OF MUSIC

Music-BA
1. Create an effective music presentation by integrating comprehensive capabilities, and by demonstrating general knowledge of literature and/or key concepts, in the concentration.
2. Demonstrate a general working knowledge, as appropriate to their concentration, of aural and visual analysis and knowledge of musicology and repertoire.
3. Demonstrate the ability to communicate clearly and effectively about the art of music.

Music-BMusic
1. Create an effective music presentation by integrating comprehensive capabilities, and by demonstrating general knowledge of literature and/or key concepts, in the concentration.
2. Demonstrate a general working knowledge, as appropriate to their concentration, of aural and visual analysis and knowledge of musicology and repertoire.
3. Demonstrate the ability to communicate clearly and effectively about the art of music.

(MUCO) Musicology

ADD

MUCO 415 Introduction to Music Therapy (1-3) Overview of the field of Music Therapy, as an allied health profession, and in the context of the history of the profession. Examines various diagnoses within populations served by music therapists and details how music therapy is utilized within each population. Addresses current research in music therapy as a means to objectively support the field of music therapy and its evidence-based practices.

Rationale: This course has been offered under a variable topics number on a regular basis in fall and spring since Fall 2013 and will be offered on the same schedule in the foreseeable future. The topics number gives the course poor visibility to the student body and is misleading, as the number is normally used for music performance courses, which this course is not. The course is offered with enough frequency and has sufficient longevity to warrant its own number. We anticipate that the course's new presence in the catalog and the timetable will improve students' awareness of the course, further increasing interest and enrollment. Impact on other units: None. Financial impact: None. Program Learning Outcomes: Elective

(MUTH) Music Theory

ADD

MUTH 250 Composition Class I (2-3) An introduction to compositional techniques.
Comment(s): Requires interview with theory/composition faculty.
Registration Restriction(s): Bachelor of Music or Bachelor of Arts – Music major or Music minor.

MUTH 255 Composition Class II (2-3) A continuation to the introduction of compositional techniques.
(RE) Prerequisite(s): 250.
Comment(s): Requires interview with theory/composition faculty.
Registration Restriction(s): Bachelor of Music or Bachelor of Arts – music major or music minor.

Rationale: To prepare them more fully for private composition lessons and to keep them engaged with the composition studio, we would like to offer composition classes to be taken in the students' first year. The classes are numbered at the 200 level to that they can count in the composition minor as well. Impact on other units: None. Financial impact: None. Program Learning Outcomes: Music-BA #2. Support from Assessment Activities: Curriculum review

DEPARTMENT OF PHILOSOPHY
(PHIL) Philosophy

Philosophy-BA
1. Student's work reflects ability to accurately explain and critically evaluate arguments in philosophical scholarship.
2. Students demonstrate ability to correctly analyze logical structure of arguments from various academic disciplines.
3. Students demonstrate basic knowledge of logic, the history of philosophy, and main contemporary ethical theories.

ADD

PHIL 255 Sustainability Ethics (5) An introduction to the concept and ethical implications of sustainability.

Rationale: This course will provide a needed introduction to the concept of sustainability and the ethical challenges of living sustainably. Additionally, because it is designed as a service learning course, it will further the goals of the Experience Learning component of the QEP. Impact on other units: None. Financial impact: None.

PHIL 255S Sustainability Ethics (5) An introduction to the concept and ethical implications of sustainability.

Rationale: The S-subcommittee approved this course for an S-designation.

PHIL 256 Social Justice (5) An introduction to philosophical writings on the themes of personhood, community, and social justice that facilitates the experiential exploration of these themes through sustained student participation in community organizations.

Rationale: Philosophy is uniquely equipped to make important contributions toward the goals of the new Experience Learning Quality Enhancement Plan. When the critical reflection and systematic analysis central to the practice of philosophy is brought to bear on meaningful service-learning experiences, like those that we intend to offer in this course, the desired high-impact student learning will result. Currently there are no 200 level Gen Ed course offerings in the Philosophy Department that include a service-learning component with the aim of fostering a critical relation between reflection and action. Impact on other units: None. Financial

impact: None. Program Learning Outcomes: Philosophy-BA #1, 3. Support from Assessment Activities: Curriculum review & outside interest

PHIL 256S Social Justice (5) An introduction to philosophical writings on the themes of personhood, community, and social justice that facilitates the experiential exploration of these themes through sustained student participation in community organizations.

Rationale: The S-subcommittee approved this course for an S-designation.

DEPARTMENT OF PSYCHOLOGY
(PSYC) Psychology

Psychology-BA
1. Describe key concepts, principles, and overarching themes in psychology.
2. Use scientific reasoning to interpret behavior.
3. Construct arguments clearly and concisely based on evidence-based psychological concepts and theories.

ADD

PSYC 472 Psychology of Trauma (3) Provides an overview of the psychological impact of traumatic events. Specific types of traumatic events will be discussed as well as treatment options for trauma-related disorders.
(RE) Prerequisite(s): 110 or 117.
Registration Restriction(s): Minimum student level – Junior.

Rationale: This course has been offered for several years as a special topics course and the instructor and department wish to add the course formally to the undergraduate Psychology curriculum. Impact on other units: None. Financial impact: None.

PSYC 481 Intimate Partner Violence (3) Introduction to research on the prevalence, course, causes, consequences, prevention, and treatment of psychological, physical, and sexual aggression in relationships.
(RE) Prerequisite(s): 110 or 117 or SOCI 120 or SOCI 127 or SOWK 200 or SOWK 207 or EDPY 210.
Recommended Background: 295 or other research methods course.
Registration Restriction(s): Minimum student level – Sophomore.

Rationale: This course has been offered for several years as a topics course and the instructor and department wish to add the course formally to the undergraduate Psychology curriculum. We would also like to seek WC designation for this course so a stand-alone course number will facilitate that. Impact on other units: None. Financial impact: None.

ADD, REQUEST VARIABLE TITLES

PSYC 485 Special Topics in Psychology (3) Intensive analysis of special topics, such as sustainability psychology or intersectionality.
Repeatability: May be repeated. Maximum 6 hours.
Credit Restriction(s): No more than 6 hours of 382, 482, 485 may be applied toward the major. An additional 6 hours of 382, 482, and 485 may count as electives.
(RE) Prerequisite(s): 110 or 117.
Registration Restriction(s): Minimum student level – Junior.

Rationale: We will seek WC designation for this course also. Having a separate special topics course for sections approved by the General Education committee for WC designation will make it easier for students to identify WC courses in our curriculum. Assessment efforts indicate that more integration of training in psychological writing is needed. Impact on other units: None. Financial impact: None.

DEPARTMENT OF RELIGIOUS STUDIES
(REST) Religious Studies

Religious Studies-BA
1. Students will have knowledge of the history, beliefs and practices of three or more religious traditions and methodological and theoretical skills in the critical, comparative, and cross- cultural study of religion.
2. Students will have an awareness of common elements in religious phenomena that allows them to make thoughtful and insightful comparisons and contrasts across the boundaries of religious traditions.
3. Students will demonstrate the ability to analyze religious phenomena and the methods and categories through which they are studied.
4. Students will have the ability to construct clear written (and oral) arguments.
5. Students will demonstrate an appreciation for the intersections of the study of religion with other academic disciplines, as well as with broader social, cultural, and political phenomena.

DROP

✳ REST 107 Honors: World Religions in History (3)

Rationale: This course is not taught by any of the current faculty and no longer plays an important role in our curriculum. Impact on other units: None. Financial impact: None.

ADD

REST 202 Religion and Film (3) Introduction to the study of religion and "world religions" with a focus on religion and film. Explores how religious traditions have been represented in selected films and how to study religion through film as a medium.

Rationale: This course reflects the interest of various faculty members in offering a class on religion and film at the 200-level. Impact on other units: None. Financial impact: None. Program Learning Outcomes: Religious Studies-BA #2, 3, 5 Support from Assessment Activities: Curriculum review

REST 227 Honors: Introduction to Judaism, Christianity, Islam (3) Introduces some of the historical relations of Judaism, Christianity, and Islam, with emphasis on the tradition that is the instructor's research focus.

Rationale: Honors version of current course 225, which is currently taught by various faculty members and offered at least once a year. This will allow exceptionally motivated students to enroll in a more advanced version of this class and perhaps promote undergraduate research activities. Impact on other units: None. Financial impact: none.

† REST 319 Gender, Sexuality, and Religion in Asia (3) Examines gender and sexuality in the histories, canonical texts, popular literature and film, and practices of the religions and cultures of Asia.
(Same as Women, Gender, and Sexuality 319.)

Religious Studies is primary.

Rationale: Religious Studies courses on gender and sexuality are in high demand. The department wants to offer more courses specifically on this topic. This course will be focused exclusively on Asia and Asian religions. Impact on other units: None. Financial impact: None. Program Learning Outcomes: Religious Studies-BA #1, 3, 5 Support from Assessment Activities: Curriculum review

REST 361 The American Jewish Experience (3) An exploration of the history, culture and major developments in American Jewish life.

Rationale: This course is being added as part of changes in tenure-line department staffing; its focus reflects new faculty priorities. The course will support all of the REST learning outcomes. Impact on other units: None. Financial impact: None. Program Learning Outcomes: Religious Studies-BA #2, 3, 5 Support from Assessment Activities: Curriculum review

REST 372 Contemporary Buddhism (3) Examines Buddhist thought and practice in the twentieth and twenty-first centuries and how contemporary Buddhism reflects broader economic, demographic, political, and social changes in the contemporary period.

Rationale: This course adds to the Department's current courses on the religions of Asia. Current 300-level courses on Buddhism devote only a few days to the contemporary period. The only exception is the Department's course on Buddhism in the Americas. This course will provide students with a semester-long examination of contemporary Buddhist thought and practice in Asia as well as Europe and America. Impact on other units: None. Financial impact: None. Program Learning Outcomes: Religious Studies-BA #1, 3, 5 Support from Assessment Activities: Curriculum review

DEPARTMENT OF SOCIOLOGY
(SOCI) Sociology

Sociology-BA
1. Students are able to analyze data and apply key principles of sociological research design and methodology.
2. Students are able to interpret sociological theories and apply them to social issues.
3. Students are able to identify opportunities for the application of sociology in research, policy, and careers.
4. Students are able to synthesize their knowledge of sociology in a major project, internship, or other capstone experience.
5. Students are able to apply critical thinking and problem-solving skills

ADD

SOCI 225 Introduction to Critical Race and Ethnic Studies (3) A basic conceptualization of race and ethnicity and racial inequality from a U.S. and global perspective. Focus on contemporary events connected to race and sociology through the use of social media and interactive learning tools.

SOCI 460 Global Capitalism and Racism (3) Connects the emergence of modernity and global capitalism to the idea of race and the proliferation of racism. Post-colonial theory, world-systems, and commodity chain analyses taught with a racial and gender focus. Industry and country case studies examine how historical and contemporary racial divisions of labor emerge.

Rationale: These courses are being added to fill a requirement in our new concentration area in Critical Race and Ethnic Studies that recognizes core faculty research and teaching strengths and will help attract students to the major. Impact on other units: None. Financial impact: None. Program Learning Outcomes: Sociology-BA #1, 2 Support from Assessment Activities: Curriculum review

TEXT AND PROGRAM CHANGES

DEPARTMENT OF ANTHROPOLOGY
(ANTH) Anthropology

REVISE REQUIREMENTS

Anthropology Major, BA

Major Requirements
Select one ~~two~~ course~~s~~
Biological Anthropology Method and Theory
- ANTH 303 – Human Biology and Society
- ~~ANTH 306 Dental Anthropology~~
- ANTH 359 – Selected Topics in Biological Anthropology Method and Theory
- ~~ANTH 480 Human Osteology~~
- ANTH 483 – Evolutionary Biology for Anthropologists
- ~~ANTH 486 Introduction to Forensic Anthropology~~
- ANTH 489 – Forensic Science and Human Rights
- ANTH 490 – Primate Evolution
- ANTH 494 – Primate Behavior
- ANTH 495 – Human Paleontology

Select one course
Biological Anthropology Applied Area
- ANTH 306 – Dental Anthropology
- ANTH 459 – Selected Topics in Biological Anthropology Applied Area
- ANTH 480 – Human Osteology
- ANTH 486 – Introduction to Forensic Anthropology

Rationale: These revisions better align biological anthropology with the existing course requirements for archaeology and cultural anthropology. This will encourage students to complete at least one method and theory course in biological anthropology before graduating, which a number of students have not to date despite those courses being offered. Impact on other units: None. Financial impact: None. Program Learning Outcomes: Anthropology-BA #1. Support from Assessment Activities: Curriculum review

DIVISION OF BIOLOGY
(BIOL) Biology

Biological Sciences-BS
1. Students will be able to articulate the five major concepts of Biology (Evolution, Structure and Function, Information Flow and Storage, Transformations of Energy and Matter, Systems)
2. Students will demonstrate an ability to interpret visual representations and evaluate data and come to a conclusion
3. Students will be able to articulate empirically-testable hypotheses and experimental designs

REVISE REQUIREMENTS

Biological Sciences Minor
Prerequisites
Complete:
- BIOL 150 – Organismal and Ecological Biology or equivalent
- BIOL 160 – Cellular and Molecular Biology or equivalent
- BIOL 159 – Skills of Biological Investigation or equivalent

or
- BIOL 113 – Introductory Plant Biology I or equivalent
- BIOL 114 – Introductory Plant Biology II or equivalent
- BIOL 115 – Introductory Plant Biology Laboratory or equivalent

and
- CHEM 120 – General Chemistry I or equivalent
- CHEM 130 – General Chemistry II or equivalent

Rationale: The Biology Division decided to allow the BIOL 113, 114, 115 sequence as an alternate entry into the major but forgot to update the minor to also reflect this option. This corrects that oversight. Impact on other units: None. Financial impact: None.

DEPARTMENT OF CHEMISTRY
(CHEM) Chemistry

REVISE TEXT
(Main department page)

Placement in General Chemistry Sequences

The sequences which meet all of the requirements of a year of general chemistry and which serve as prerequisite for upper-division courses are CHEM 120*-CHEM 130* and CHEM 128*-CHEM 138*; chemistry majors are strongly urged to take the latter sequence. Courses CHEM 100* and CHEM 110* emphasize organic and biochemistry, and may not be used as prerequisite for other chemistry courses. ~~CHEM 150 is designed to increase the chemistry literacy and consumer knowledge of students and may not be used as a prerequisite for any other chemistry course.~~

Rationale: CHEM 150 is being dropped. Impact on other units: None. Financial impact: None.

REVISE REQUIRMENTS

Chemistry Major, BS

The Bachelor of Science degree is available to students who desire a more flexible program than the requirements for the BS in Chemistry curriculum.

College Requirements
Arts and Sciences

Prerequisites
Select one sequence:

- CHEM 120 - General Chemistry I *
- CHEM 130 - General Chemistry II *
  or preferably
- CHEM 128 - Honors: General Chemistry I *
- CHEM 138 - Honors: General Chemistry II *

Select one sequence:

- MATH 141 - Calculus I *
- MATH 142 - Calculus II *
  or
- MATH 147 - Honors: Calculus I *
- MATH 148 - Honors: Calculus II *
  ~~or~~
- ~~MATH 151 - Mathematics for the Life Sciences I *~~
- ~~MATH 152 - Mathematics for the Life Sciences II *~~

Corequisites
Select one sequence:

- PHYS 135 - Introduction to Physics for Physical Science and Mathematics Majors I *
- PHYS 136 - Introduction to Physics for Physical Science and Mathematics Majors II *
  or
- PHYS 137 - Honors: Fundamentals of Physics for Physics Majors I *
- PHYS 138 - Honors: Fundamentals of Physics for Physics Majors II *
  ~~or~~
- ~~PHYS 221 - Elements of Physics *~~
- ~~PHYS 222 - Elements of Physics *~~

Select one course:

- BIOL 150 - Organismal and Ecological Biology
  or
- BIOL 158 - Honors Organismal and Ecological Biology

- MATH 251 (or) – Matrix Algebra I
  or
- MATH 257 - Honors Matrix Algebra I

- MATH 241 - Calculus III
  or
- MATH 247 – Honors Calculus III

- STAT 251 – Probability and Statistics for Scientists and Engineers

Major Requirements
Complete all of the Foundation Lecture Courses:

- CHEM 210 – Foundations of Analytical Chemistry

- CHEM 260 – Foundations of Organic Chemistry
  or
- CHEM 268 – Honors: Foundations of Organic Chemistry)

- CHEM 330 – Foundations of Inorganic Chemistry
- CHEM 370 – Foundations of Physical Chemistry
- CHEM 380 – Foundations of Chemical Biology

Complete four of five Foundation Laboratory Courses:

- CHEM 219 – Foundations of Analytical Chemistry Laboratory
- CHEM 269 – Foundations of Organic Chemistry Laboratory
- CHEM 339 – Foundations in Inorganic Chemistry Laboratory
- CHEM 379 – Physical Chemistry Laboratory
- CHEM 389 – Foundations of Chemical Biology Laboratory

Complete two of following in-depth Lecture courses:

- CHEM 311 – Advanced Analytical Chemistry

- CHEM 360 – In-depth Organic Chemistry
  or preferably
- CHEM 368 – Honors: Organic Chemistry II)

- CHEM 430 – In-depth Inorganic Chemistry
- CHEM 470 – In-depth Physical Chemistry

Complete one of two in-depth Laboratory classes:

- CHEM 449 – Advanced Synthesis Laboratory
- CHEM 459 – Advanced Measurement and Spectroscopy Laboratory

Select an additional 8 hours:

8 additional credit hours from chemistry courses at the 300 or 400 level (BCMB 419 may also count towards the 8 additional credit hours)

~~**Complete:**~~

- ~~CHEM 210 – Foundations of Analytical Chemistry~~
- ~~CHEM 240 - Chemical Programming~~
- ~~CHEM 310 - Analytical Chemistry~~
- ~~CHEM 319 - Analytical Chemistry Laboratory~~
- ~~CHEM 369 - Organic Chemistry Laboratory~~
- ~~CHEM 479 - Physical Chemistry Laboratory I~~

~~**Select one sequence:**~~

- ~~CHEM 471 - Biophysical Chemistry~~
- ~~CHEM 481 - Biophysical Chemistry~~
  ~~**or**~~
- ~~CHEM 473 - Physical Chemistry I~~
- ~~CHEM 483 - Physical Chemistry II~~

~~**Select one sequence:**~~

- ~~CHEM 350 - Organic Chemistry I~~
- ~~CHEM 360 - Organic Chemistry II~~
  ~~**or**~~
- ~~CHEM 358 - Honors: Organic Chemistry I~~
- ~~CHEM 368 - Honors: Organic Chemistry II~~

~~**Select 10 hours:**~~
~~**chemistry courses numbered above 200**~~

- ~~must include at least one laboratory course or lecture/laboratory course~~
- ~~up to 4 hours of BCMB 401, BCMB 402, or GEOL 462 may be applied to the 10 hours~~

Notes:
For students planning careers in chemistry, the recommended courses (from the list above) are MATH 141*-MATH 142*, PHYS 135*-PHYS 136* or PHYS 137*-PHYS 138*~~, and CHEM 473-CHEM 483~~; although not required, certain additional courses are strongly suggested for students planning to become chemists: MATH 241 ~~and CHEM 230, CHEM 320, CHEM 329,~~ and CHEM 406*. Because professional chemists need a reading knowledge of foreign languages, intermediate level competency should be acquired in German, French, Russian or Japanese. Students who are undecided about their career goals should consult the head of the department at the earliest opportunity. Unlike the Bachelor of Science in Chemistry, the regular Bachelor of Science degree is not approved by the Committee on Professional Training of the American Chemical Society.

Honors Concentration – Chemistry

Candidates for the honors concentration must fulfill all of the requirements for either the Bachelor of Science in Chemistry or the regular Bachelor of Science degree and must satisfy the following stipulations:

- Complete MATH 141*, MATH 142*; ~~CHEM 473, CHEM 483~~ (grades of C or better)

Requirements for Chemistry Major, BS

Term 1	Hours	Milestone Notes
CHEM 120* or CHEM 128*	4	MATH 119 or Math ACT score of 25 or higher
ENGL 101 (or equivalent)*	3	
Foreign Language (intermediate level)*	3	
MATH 141* or MATH 147*	4	
[4]~~Elective~~	~~1~~	
Term 2		
CHEM 130* or CHEM 138*	4	CHEM 120*
ENGL 102 (or equivalent)*	3	ENGL 101*
Foreign Language (intermediate level)*	3	MATH 130 or Math ACT score of 28 or higher
MATH 142* or MATH 148*	4	
[1]A&S elective requirements ~~Social Sciences*~~	3	
Term 3		
[2]Cognitive elective requirement ~~Arts and Humanities (List A or B)*~~	3	CHEM 130*
CHEM 260 (Foundation Course) ~~CHEM 350 or CHEM 358~~	3	MATH 141*
CHEM 210 (Foundation Course)	3	ENGL 102*
Foundation Lab (must complete 4 of 5 from CHEM 219, CHEM 269, CHEM 339, CHEM 379, CHEM 389)	1	CHEM 210 or CHEM 260 with grade of C or higher
PHYS 135* or PHYS 137* ~~or PHYS 221*~~	4-5	
~~Social Sciences*~~	~~3~~	
[4]~~Elective~~	~~1-2~~	
Term 4		
CHEM 380 (Foundation Course) ~~CHEM 240~~	3 ~~2~~	An additional Foundation Lecture course ~~CHEM 350 with grade of C or higher~~
Foundation Lab (must complete 4 of 5 from CHEM 219, 269, 339, 379, 389) ~~CHEM 360-CHEM 369 or CHEM 368-CHEM 369~~	1 ~~5~~	~~ENGL 102*~~
PHYS 136* or PHYS 138* ~~or PHYS 222*~~	4-5	MATH 142*
[1]A&S elective requirements [4]~~Electives~~	6 ~~3-4~~	
Term 5		
CHEM 330 (Foundation Course) ~~CHEM 310-CHEM 319~~	3 ~~4~~	4 of 5 Foundation Lecture courses ~~CHEM 360-CHEM 369~~ with grades of C or higher ~~in both courses~~
CHEM 370 (Foundation Course) ~~CHEM 471 or CHEM 473~~	3	
Foundation Lab (must complete 4 of 5 from CHEM 219, CHEM 269, CHEM 339, CHEM 379, CHEM 389) ~~CHEM 479*~~	2	
~~Non-U.S. History*~~	~~3~~	
[1]A&S elective requirements [4]~~Elective~~	9 ~~3~~	
Term 6		
Complete 2 of 5 In-depth Chemistry Electives: (CHEM 311, CHEM 360, CHEM 430, CHEM 470, BCMB 401) ~~Arts and Humanities (List A)*~~	3-6 ~~3~~	Complete all Foundation courses with grade of C or higher ~~Completion of at least 9 upper-division (300-400) hours~~
Chemistry Elective ~~CHEM 481 or CHEM 483~~	3	Complete Foundation lab requirement with grade of C or higher

Complete 1 of 2 advanced laboratories: (CHEM 449 or CHEM 459) (satisfies WC requirement) ~~Non-U.S. History (continuation of sequence)*~~	2 ~~3~~	
~~[2]Connections~~	~~3~~	
[1]A&S elective requirements ~~[4]Elective~~	9 ~~3~~	
Term 7		
Complete 2 of 5 In-depth Chemistry Electives: (CHEM 311, CHEM 360, CHEM 430, CHEM 470, BCMB 401) ~~Chemistry (major)~~	3-6 ~~3~~	No milestones ~~Completion of at least 24 total upper-division (300-400) hours~~
Chemistry Elective ~~[2]Connections~~	3 ~~6~~	
[1]A&S elective requirements ~~[4]Electives~~	6	
Term 8		
CHEM 406* (satisfies OC)	1	No milestones ~~Completion of at least 42 total upper-division (300-400) hours~~
Chemistry Elective ~~Chemistry (major)~~	2-3 ~~6~~	
~~Global Challenges~~	~~3~~	
[1]A&S elective requirements ~~[4]Electives~~	10 ~~5~~	
TOTAL (minimum)	**120**	

[2] Cognitive electives to the major include MATH 241 or 247; MATH 251 or 257; BIOL 150 or 158; STAT 251. ~~The Connections requirement may be satisfied in one of three ways: (1) by completing 9 hours from one of the approved Connections packages, (2) by completing the requirements for a second major or minor, or (3) by completing 9 hours of study abroad coursework. All students must complete at least 42 upper-division (300-400 level) hours in order to receive a degree from the College of Arts & Sciences.~~

~~For students planning careers in chemistry, the recommended courses (from the list above) are MATH 141*-MATH 142*, PHYS 135*-PHYS 136* or PHYS 137*-PHYS 138*, and CHEM 473-CHEM 483; although not required, certain additional courses are strongly suggested for students planning to become chemists: MATH 241 and CHEM 230, CHEM 320, CHEM 329, and CHEM 406*. Because professional chemists need a reading knowledge of foreign languages, intermediate level competency should be acquired in German, French, Russian or Japanese. Students who are undecided about their career goals should consult the head of the department at the earliest opportunity. Unlike the Bachelor of Science in Chemistry, the regular Bachelor of Science degree is not approved by the Committee on Professional Training of the American Chemical Society.~~

REVISE REQUIRMENTS

Chemistry Major, BS, ACS Certified

The Bachelor of Science degree is available to students who intend to pursue graduate study in chemistry as well as careers in chemistry and the sciences. Students completing the requirements listed below will receive a degree certification from the American Chemical Society.

College Requirements
Arts and Sciences

Prerequisites
Select one sequence:

- CHEM 120 - General Chemistry I
- CHEM 130 - General Chemistry II

or preferably

- CHEM 128 - Honors: General Chemistry I
- CHEM 138 - Honors: General Chemistry II

Select one sequence:

- MATH 141 - Calculus I
- MATH 142 - Calculus II

or

- MATH 147 - Honors: Calculus I
- MATH 148 - Honors: Calculus II

and

- MATH 241 - Calculus III

or

- MATH 247 - Honors: Calculus III

Corequisites
Select one sequence:

- PHYS 135 - Introduction to Physics for Physical Science and Mathematics Majors I

- PHYS 136 - Introduction to Physics for Physical Science and Mathematics Majors II
  or
- PHYS 137 - Honors: Fundamentals of Physics for Physics Majors I
- PHYS 138 - Honors: Fundamentals of Physics for Physics Majors II

Major Requirements
Complete:

All of the Foundation Lecture Courses:

- CHEM 210 – Foundations of Analytical Chemistry
- CHEM 260 – Foundations of Organic Chemistry
  or
- CHEM 268 – Honors: Foundations of Organic Chemistry)
- CHEM 330 – Foundations of Inorganic Chemistry
- CHEM 370 – Foundations of Physical Chemistry
- CHEM 380 – Foundations of Chemical Biology

All Foundation Laboratory Courses:

- CHEM 219 – Foundations of Analytical Chemistry Laboratory
- CHEM 269 – Foundations of Organic Chemistry Laboratory
- CHEM 339 – Foundations in Inorganic Chemistry Laboratory
- CHEM 379 – Physical Chemistry Laboratory
- CHEM 389 – Foundations of chemical Biology Laboratory

In-depth course

- CHEM 360 – In-depth Organic Chemistry
  or
- CHEM 368 – Honors: Organic Chemistry II (prerequisite to CHEM 490 and BCMB 401)

Two of the following in-depth lecture courses:

- CHEM 311 – Advanced Analytical Chemistry
- CHEM 430 – In-depth Inorganic Chemistry
- CHEM 470 – In-depth Physical Chemistry

One of the following:

- CHEM 490 – Introductory Polymer Chemistry
- BCMB 401 – Biochemistry I

Two of the following in-depth Laboratory courses:

- CHEM 449 – Advanced Synthesis Laboratory
- CHEM 459 – Advanced Measurement and Spectroscopy Laboratory
- BCMB 419 – Cellular and Comparative Biochemistry Laboratory

Complete:

- CHEM 406 – Senior Seminar
- CHEM 300 – Introductory Research in Chemistry

3 additional credit hours from chemistry courses at the 300 or 400 level

Notes
The curriculum for the *Chemistry Major, BS in Chemistry* is approved by the Committee on Professional Training of the American Chemical Society and will be certified as such upon completion of the required courses. Although not required for the major, certain additional cognitive courses are strongly recommended for students intending to become chemists: MATH 251 - Matrix Algebra I; BIOL 150* - Organismal and Ecological Biology; STAT 251 - Probability and Statistics for Scientists and Engineers.

~~The Bachelor of Science in Chemistry is approved by the Committee on Professional Training of the American Chemical Society. It is designed to train students to go directly into positions in the chemical industry or to enter graduate study leading to positions in research and college teaching. A student in the Bachelor of Science in Chemistry program should, at the earliest opportunity, ask the Arts and Sciences Advising Center for assignment of a faculty advisor in the Department of Chemistry. For further information, contact the Head of Department of Chemistry, 552 Buehler Hall.~~

~~**Requirements for the Bachelor of Science in Chemistry • Chemistry Major, ACS Certified**~~

~~*Although not reflected in the showcase, students are required to meet the University General Education Requirement as stated in this catalog. Consult the College of Arts and Sciences Advising Services for information.*~~

~~**First Year**~~	~~**Hours Credit**~~
~~CHEM 120*-CHEM 130* or (preferably) CHEM 128*-CHEM 138*~~	~~8~~
~~MATH 141*-MATH 142*~~	~~8~~
~~English Composition~~	~~6~~
~~[1]Foreign Language (intermediate level sequence)~~	~~6-10~~
~~[2]Distribution~~	~~3~~

Second Year

CHEM 240	2
CHEM 230	3
CHEM 350 or CHEM 358 – CHEM 360 or CHEM 368	6
CHEM 369	2
MATH 241 and either MATH 231 or MATH 251	7
PHYS 135*-PHYS 136* or PHYS 137*-PHYS 138*	8-10
[2]Distribution	3

Third Year

CHEM 310-CHEM 320	6
CHEM 319-CHEM 329	3
CHEM 473-CHEM 483	6
CHEM 479*-CHEM 489	4
[2]Distribution	9
[3]Elective	3

Fourth Year

CHEM 430	3
CHEM 439	1
CHEM 406*	1
CHEM 400	3
BCMB 401	4
[4]Chemistry Elective	3
[2]Distribution	9
[3]Electives	9
Total 126-132	

[1] Preferably chosen from German, French, Russian or Japanese; the College of Arts and Sciences requires that a student demonstrate intermediate-level competence in whatever foreign language is chosen.

[2] The Connections requirement may be satisfied in one of three ways: (1) by completing 9 hours from one of the approved Connections packages, (2) by completing the requirements for a second major or minor, or (3) by completing 9 hours of study abroad coursework. All students must complete at least 42 upper-division (300-400 level) hours in order to receive a degree from the College of Arts & Sciences.

[3] It is recommended that a portion of these elective hours be applied to advanced courses in biochemistry and cellular and molecular biology, mathematics, physics, or chemical, metallurgical, and polymer engineering.

[4] To be chosen from CHEM 400, CHEM 408, CHEM 420, CHEM 450, and CHEM 490.

Requirements for Chemistry Major, BS, ACS Certified

Term 1	Hours	Milestone Notes
CHEM 120* or (preferably) CHEM 128*	4	MATH 119 or Math ACT score of 25 or higher
ENGL 101 (or equivalent)*	3	
[1]Foreign Language (intermediate level)*	3 4	
MATH 141* or MATH 147*	4	
Term 2		
CHEM 130* or (preferably) CHEM 138*	4	CHEM 120*
ENGL 102 (or equivalent)*	3	ENGL 101*
[1]Foreign Language (intermediate level)*	3	MATH 130 or Math ACT score of 28 or higher
MATH 142* or MATH 148*	4	
A&S Elective Requirements Social Sciences*	3	
Term 3		
CHEM 260 (Foundation Course) CHEM 230	3	CHEM 130*
CHEM 210 (Foundation Course) CHEM 350 or CHEM 358	3	MATH 141*
Foundation Lab (must complete all CHEM 219, CHEM 269, CHEM 339, CHEM 379, CHEM 389) MATH 241	2 4	ENGL 102*
PHYS 135* or PHYS 137*	4-5	CHEM 210 or 260 with grade of C or higher
A&S Elective Requirements Social Sciences*	3	
Term 4		
CHEM 380 (Foundation Course) Arts and Humanities (List A or B)*	3	3 of 5 foundation lecture courses with grades CHEM 350 with a grade of C or better
Foundation Lab (must complete all CHEM 219, CHEM 269, CHEM 339, CHEM 379, CHEM 389) CHEM 240	1 2	ENGL 102*
MATH 241 CHEM 360 or CHEM 368	4 3	MATH 142*

~~CHEM 369~~	~~2~~	
PHYS 136* or PHYS 138*	4-5	
A&S Elective Requirements	5	
Term 5		
CHEM 330 (Foundation Course) ~~CHEM 310, CHEM 319~~	3 ~~4~~	Complete all Foundation lecture courses with grades ~~CHEM 360, CHEM 369 with a grade~~ of C or better
CHEM 370 (Foundation Course) ~~CHEM 473~~	3	Complete Foundation Lab requirement with grades of C or higher
Foundation Lab (must complete CHEM 219, CHEM 269, CHEM 339, CHEM 379, CHEM 389) ~~CHEM 479 (WC)*~~	2	Complete MATH 241
A&S Elective Requirements ~~MATH 231 or MATH 251~~	6 ~~3~~	
~~Non-U.S. History*~~	~~3~~	
Term 6		
Complete 3 of 4 In-depth Chemistry lecture courses: (CHEM 311, CHEM 360, CHEM 430, CHEM 470) ~~CHEM 320, CHEM 329~~	3 ~~5~~	No Milestones ~~CHEM 310, CHEM 319 with a grade of C or better~~
Complete 2 of 3 advanced laboratories: (CHEM 449, CHEM 459, BCMB419) ~~CHEM 483~~	2 ~~3~~	~~Completion of at least 9 upper-division (300-400) hours~~
CHEM 300 ~~CHEM 489~~	1 ~~2~~	
A&S elective requirements ~~Non-U.S. History (continuation of sequence)*~~	6 ~~3~~	
~~4~~Connections	3	
Term 7		
Complete 3 of 4 In-depth Chemistry lecture courses: (CHEM 311, CHEM 360, CHEM 430, CHEM 470) ~~Arts and Humanities (List A)*~~	3	Complete CHEM 300 ~~Completion of at least 24 total upper-division (300-400) hours~~
Complete 2 of 3 advanced laboratories: (CHEM 449, CHEM 459, BCMB 419) ~~CHEM 400, CHEM 408, CHEM 420, CHEM 450, or CHEM 490~~	2 ~~3~~	
Complete CHEM 490 or BCMB 401 ~~CHEM 430~~	~~3-4~~ 3	
A&S elective requirements ~~4Connections~~	6	
~~Global Challenges~~	~~3~~	
Term 8		
CHEM 406* (satisfies OC requirement) ~~BCMB 401~~	1 ~~4~~	Complete CHEM 400 (or CHEM 408) ~~Completion of at least 42 total upper-division (300-400) hours~~
Complete 3 of 4 In-depth Chemistry lecture courses: (CHEM 311, CHEM 360, CHEM 430, CHEM 470) ~~CHEM 400~~	3	
CHEM 400 or Chem 408 ~~CHEM 406 (OC)*~~	3 ~~1~~	
~~CHEM 439~~	~~1~~	
A&S elective requirements ~~2,3Electives~~	6	
TOTAL (minimum)	**127**	

* Meets University General Education Requirement.

~~1 Preferably chosen from German, French, Russian or Japanese; the College of Arts and Sciences requires that a student demonstrate intermediate-level competence in whatever foreign language is chosen.~~

~~2 It is recommended that a portion of these elective hours be applied to advanced courses in biochemistry and cellular and molecular biology, mathematics, physics, or chemical, metallurgical, and polymer engineering.~~

~~3 All students must complete at least 42 upper-division (300-400 level) hours in order to receive a degree from the College of Arts & Sciences.~~

~~4 The Connections requirement may be satisfied in one of three ways: (1) by completing 9 hours from one of the approved Connections packages, (2) by completing the requirements for a second major or minor, or (3) by completing 9 hours of study abroad coursework. All students must complete at least 42 upper-division (300-400 level) hours in order to receive a degree from the College of Arts & Sciences.~~

REVISE REQUIRMENTS

Chemistry Minor

Minor Requirements
A minor in chemistry consists of **19 hours** ~~**15 hours**~~ of the following ~~chemistry~~ courses ~~numbered above 200~~.

I. Complete ~~**(7 hours):**~~
A. Analytical chemistry courses ~~**Complete**~~**:**

- CHEM 210 – Foundations of Analytical Chemistry
- CHEM 219 – Foundations of Analytical Chemistry Laboratory
- ~~CHEM 310 - Analytical Chemistry~~
- ~~CHEM 319 - Analytical Chemistry Laboratory~~

B. Organic chemistry courses ~~Select 3 hours~~:

- ~~chemistry courses numbered above 200~~
- CHEM 260 – Foundations of Organic Chemistry
  or
- CHEM 268 – Honors: Foundations of Organic Chemistry
- CHEM 360 – In-depth Organic Chemistry
  or
- CHEM 368 – Honors Organic Chemistry II
- CHEM 369 – Organic Chemistry Laboratory-preprofessional, non chemistry majors

II. Complete one of the following foundation courses plus the corresponding foundation lab ~~Complete A, B, C, or D (8 hours)~~:

A. Inorganic: CHEM 330 – Foundations of Inorganic Chemistry
   and
   CHEM 339 – Foundations in Inorganic Chemistry Laboratory
- ~~CHEM 350 - Organic Chemistry I~~
- ~~CHEM 360 - Organic Chemistry II~~
- ~~CHEM 369 - Organic Chemistry Laboratory~~

B. Physical: CHEM 370 – Foundations of Physical Chemistry
   and
   CHEM 379 – Physical Chemistry Laboratory
- ~~CHEM 358 - Honors: Organic Chemistry I~~
- ~~CHEM 368 - Honors: Organic Chemistry II~~
- ~~CHEM 369 - Organic Chemistry Laboratory~~

C. Chemical Biology: CHEM 380 – Foundations of Chemical Biology
   and
   CHEM 389 – Foundations of Chemical Biology Laboratory
- ~~CHEM 471 - Biophysical Chemistry~~
- ~~CHEM 479 - Physical Chemistry Laboratory I *~~
- ~~CHEM 481 - Biophysical Chemistry~~

~~D.~~
- ~~CHEM 473 - Physical Chemistry I~~
- ~~CHEM 479 - Physical Chemistry Laboratory I *~~
- ~~CHEM 483 - Physical Chemistry II~~

III. Complete one of the following additional in-depth courses:

A. Analytical: CHEM 311 – Advanced Analytical Chemistry
B. Inorganic: CHEM 430 – In-depth Inorganic Chemistry
C. Physical: CHEM 470 – In-depth Physical Chemistry
D. Chemical Biology: BCMB 401- Biochemistry I

Rationale: The Department of Chemistry is doing a complete reform/update of the curriculum that is required for a degree in chemistry to bring the department into line with current practices. Impact on other units: All units affected have been notified of these changes. Financial impact: None. Program Learning Outcomes: All Support from Assessment Activities: Curriculum review against national practices

DEPARTMENT OF CLASSICS
(CLAS) Classics

REVISE REQUIREMENTS

Classics Major, BA – Classical Archaeology Concentration

Major Requirements

B. Select 6 hours:

- CLAS 442 - Archaeology of the Prehistoric Aegean ~~Intensive Survey of the Archaeology of the Prehistoric Aegean~~
- CLAS 443 - Archaeology and Art of Ancient Greece ~~Intensive Survey of the Archaeology of Greece~~
- CLAS 444 - Archaeology and Art of Ancient Italy and Rome ~~Intensive Survey of the Archaeology of Etruria and Rome~~

- ~~CLAS 445 - Ancient and Medieval Seafaring~~
- ~~CLAS 461 - Special Topics in Classical Archaeology~~

C. Select 3 hours:

- CLAS 302 - History of Greece I ~~History of Classical Greece~~
- CLAS 306 - History of Greece II ~~History of Hellenistic Greece~~
- CLAS 309 – History of the Roman Republic

Honors Concentration – Classical Archaeology:
The Honors Classical Archaeology Concentration consists of 30 hours. The required core of the major is CLAS 232*, which the student must pass with a B+ or higher. 9 hours may be from any Classics course numbered 200 or above (excluding CLAS 273). In strict consultation with a departmental advisor, the student pursuing Honors in Classical Archaeology will select an additional 15 hours from ANTH 361, ANTH 362, ANTH 435, ANTH 463, ANTH 464; CLAS 302, CLAS 304, CLAS 305, CLAS 306, CLAS 309, CLAS 436, CLAS 442, CLAS 443, CLAS 444, CLAS 445, CLAS 461; HIME 382, HIME 400, HIME 486 to design a program that will advance his or her understanding of a particular specialty within the field of Classical Archaeology. The student must satisfy the College's foreign language requirement with Greek, Latin, French or German. To graduate with Honors, the student must maintain a minimum B+ average in Classics department courses and a minimum cumulative B+ average at UT. In total, the student must take a minimum of 15 hours of Honors courses, not all of which need to be in the major subject area. The student will present an Honors thesis (CLAS 498) which must receive a grade of B+ or higher to permit graduation with Honors.

Classics Archaeology Minor, Minor Requirements:

Minor Requirements

Select 6 hours: (first section with this title)

- CLAS 436 - Cities and Sanctuaries of the Greek and Roman World
- CLAS 442 - Archaeology of the Prehistoric Aegean ~~Intensive Survey of the Archaeology of the Prehistoric Aegean~~
- CLAS 443 - Archaeology and Art of Ancient Greece ~~Intensive Survey of the Archaeology of Greece~~
- CLAS 444 - Archaeology and Art of Ancient Italy and Rome ~~Intensive Survey of the Archaeology of Etruria and Rome~~
- ~~CLAS 445 - Ancient and Medieval Seafaring~~
- ~~CLAS 461 - Special Topics in Classical Archaeology~~

Select 3 hours:

- CLAS 302 - History of Greece I ~~History of Classical Greece~~
- CLAS 306 - History of Greece II ~~History of Hellenistic Greece~~
- CLAS 309 – History of the Roman Republic

Rationale: All these program revisions are necessary because of the course revisions. Impact on other units: None. Financial impact: None.

DEPARTMENT OF EARTH AND PLANETARY SCIENCES
(GEOL) Geology

REVISE REQUIREMENTS

Geology and Environmental Studies Major, BS – Environmental Studies Concentration

Corequisites

~~**C. Select one course:**~~

- ~~GEOL 202 - Earth as an Ecosystem: Modern Problems and Solutions *~~
- ~~GEOL 206 - Sustainability: Reducing our Impact on Planet Earth~~

C ~~**D**~~**. Select one sequence:**
D ~~**E**~~**. Select one sequence:**
E ~~**F**~~**. Select one sequence:**

Concentration Requirements

A. Complete ~~**Select 15 hours**~~**:**

- ECON 362 – Environmental and Natural Resource Policy

or

- AREC 470 – Policy for Environmental Management
- ~~FWF 420 - International Natural Resource Issues~~
- ~~GEOG 345 - People and Environment~~
- GEOG 436 – Water Resources
- ~~PHIL 346 - Environmental Ethics *~~
- ~~SOCI 360 - Environment and Resources~~

~~(select one course only from the following two)~~

- ~~FWF 250 - Conservation *~~
- ~~FWF 320 - Human Dimensions of Natural Resources~~

~~(select one course only from the following three)~~

- ~~AREC 445 - Renewable Energy Economics~~
- ~~AREC 470 - Policy Analysis for Environmental and Natural Resource Management~~
- ~~ECON 362 - Environmental and Natural Resource Policy~~

B. Complete five courses ~~Select one course~~:

- GEOL 301 – Introduction to scientific field methods and analysis
- GEOL 320 - Paleobiology
- GEOL 340 – Earth Sedimentary Processes
- ~~GEOL 454 - Environmental Restoration~~
- GEOL 455 - Advanced Environmental Geology ~~Environmental Geology~~
- GEOL 466 – Water and Air Pollution
- GEOL 485 – Principles of Hydrogeology

~~**C. Select one course:**~~

- ~~EEB 484 - Conservation Biology~~
- ~~FORS 335 - Principles of Urban Forestry~~
- ~~GEOG 436 - Water Resources~~

C ~~D~~. Complete 3 hours:

- GEOL 493 - Independent Study

D ~~E~~. Select 9 additional ~~12~~ hours 300-level or above in one or more of the following departments (all require approval of your major advisor):

Environmental and Soil Sciences
Forestry
Journalism and Electronic Media

Rationale: When this concentration was incorporated into the department from an IDP, very few changes were made. Consequently, it did not mesh well with the Geology Concentration and was poorly integrated into the teaching and research mission of the department. The revised curriculum has a stronger science component and is more fully integrated into the teaching and research mission of the department. Impact on other units: Most of the courses from other units used in this concentration are optional and will have no noticeable impact. Units that offer the courses used in this concentration have been contacted and have given their approval. Financial impact: None.

ECONOMICS (ARTS AND SCIENCES)

REVISE REQUIREMENTS

Economics Major (Arts and Sciences), BA

Term 2		
ENGL 102 (or equivalent)*	3	ENGL 101*
Foreign Language (intermediate level)*	3	MATH 125* or MATH 141*
Natural Sciences Lab (continuation of sequence)*	4	
ECON 211 or 217 ~~Social Sciences*~~	3	
STAT 201* or STAT 207*	3	
Term 3		
Arts and Humanities (List A)*	3	Complete at least 36 hours by the end of the term
Communicating Orally Elective*	3	
ECON 213* or ECON 218* ~~ECON 211* or ECON 217*~~	3	
[1]Electives	6	
Term 4		
Arts and Humanities (List A or B)*	3	ECON 211*
Communicating through Writing Elective*	3	ENGL 102*
Non-U.S. History*	3	STAT 201*
Social Sciences* ~~ECON 213* or ECON 218*~~	3	
[1]Elective	3	

Rationale: Econ 211 will be offered both fall and spring terms; however, most of the seats will be available in spring semester. For this reason, we would like to move Econ 211 to tracking term two of the uTrack plan and 213 to tracking term three. Impact on other units: None. Financial impact: None.

DEPARTMENT OF GEOGRAPHY
(GEOG) Geography

ADD PROGRAM (contingent on THEC approval)

Sustainability Major, BA

The sustainability major provides scientific, socioeconomic, and philosophical background for understanding and mitigating human impact on the natural environment.

College Requirements

Arts & Sciences

Prerequisites (17-18 hours)

Complete:

- ECON 201 - Introductory Economics: A Survey Course
- GEOG 206 - Sustainability: Reducing our Impact on Planet Earth
- SOCI 250 – Introduction to Global Studies

Select one option:

- BIOL 260 - Ecology **and** BIOL 269 - Ecology Field-Based Laboratory
  or
- FWF 250 - Conservation

Select one course:

- GEOL 103 - The Earth's Environments
- GEOG 131 - Weather, Climate, and Climate Change

Major Requirements

The major consists of **33-34 hours**.

I. Sustainability Core

Select one course:

- FWF 320 - Human Dimensions of Natural Resources
- GEOG 345 - People and Environment
- SOCI 360 - Environment and Resources

Select one course:

- BSET 326 - GIS/GPS Applications in Agriculture and Environmental Science
- GEOG 311 - Geovisualization and Geographic Information Science
- GEOG 411 - Intermediate Geographic Information Science

II. Economics and Sustainability

Select one course:

- AREC 445 - Renewable Energy Economics
- AREC 470 - Policy Analysis for Environmental and Natural Resource Management
- ECON 362 - Environmental and Natural Resource Policy

III. Resource Management

A. Management Policies

Complete:

- FORS 422 - Forest and Wildland Resource Policy
- FWF 420 - International Natural Resource Issues

B. Management Science

Select three courses:

- BSET 345 - Green Construction and Construction Safety
- EEB 484 - Conservation Biology
- ESS 424 - Environmental Stormwater Management
- FORS 335 - Principles of Urban Forestry
- GEOG 436 - Water Resources
- GEOL 454 - Environmental Restoration

IV. Ethics and Sustainability

Select one course:

- PHIL 346 - Environmental Ethics
- SOCI 342 - Globalization and Justice

V. Climate Change

Select one course:

- ESS 462 - Environmental Climatology
- GEOG 333 - Climate Change and Human Response
- GEOG 430 - Global Environments of the Quaternary
- GEOL 456 - Global Climate Change

VI. Capstone Experience

Complete:

- GEOG 499 – Practicing Geography

Requirements for Sustainability Major, BA

Term 1	Hours	Milestone Notes
ENGL 101 (or equivalent)*	3	Completion of at least 12 credit hours
Foreign Language (intermediate level)*	3	
GEOG 131*, GEOG 137*, or GEOL 103*	4	
Quantitative Reasoning Electives*	3-4	

[1]Elective	0-2	
Term 2		
ENGL 102 (or equivalent)*	3	ENGL 101*
Foreign Language (intermediate level)*	3	
Natural Sciences Lab (continuation of sequence)*	4	
Quantitative Reasoning Electives*	3-4	
[1]Elective	3	
Term 3		
Arts and Humanities (List A)*	3	GEOG 131* or GEOL 103*
GEOL 206	3	
Non-U.S. History*	3	
SOCI 250*	3	
[1]Elective	3	
Term 4		
Arts and Humanities (List A or B)*	3	ECON 201*
ECON 201* or ECON 207*	4	ENGL 102*
Non-U.S. History (continuation of sequence)*	3	GEOL 206
Sustainability (major)	3	
[1]Elective	3	
Term 5		
BIOL 260-BIOL 269 or FWF 250*	3-4	SOCI 250*
Sustainability (major)	6	
[1]Electives	6	
Term 6		
Sustainability (major)	9	Completion of at least 9 upper-division (300-400) hours
[2]Connections	6	
Term 7		
Communicating Orally Elective*	3	Completion of at least 24 total upper-division (300-400) hours
GEOL 493	3	
Sustainability (major)	3	
[1]Electives	6	
Term 8		
Communicating through Writing Elective*	3	Completion of at least 42 total upper-division (300-400) hours
Sustainability (major)	3	
[2]Connections	3	
Global Challenges	3	
[1]Electives	1-3	
TOTAL (minimum)	**120**	

[1] All students must complete at least 42 upper-division (300-400 level) hours in order to receive a degree from the College of Arts & Sciences.

[2] The Connections requirement may be satisfied in one of three ways: (1) by completing 9 hours from one of the approved Connections packages, (2) by completing the requirements for a second major or minor, or (3) by completing 9 hours of study abroad coursework. All students must complete at least 42 upper-division (300-400 level) hours in order to receive a degree from the College of Arts & Sciences.

ADD PROGRAM

Sustainability Minor

Minor Requirements
The minor consists of **15 hours**.

Complete:
- GEOG 206 - Sustainability: Reducing our Impact on Planet Earth

Sustainability Challenges

Select one course:
- GEOG 345 - People and Environment
- GEOL 202 - Earth as an Ecosystem: Modern Problems and Solutions
- SOCI 360 - Environment and Resources

Economics and Policy

Select two courses:

- AREC 470 - Policy Analysis for Environmental and Natural Resource Management
- ECON 362 - Environmental and Natural Resource Policy
- FORS 422 - Forest and Wildland Resource Policy
- FWF 320 - Human Dimensions of Natural Resources
- FWF 420 - International Natural Resource Issues

Resource Management

Select one course:

- BSET 345 - Green Construction and Construction Safety
- EEB 484 - Conservation Biology
- FORS 335 - Principles of Urban Forestry
- GEOG 436 - Water Resources
- GEOL 454 - Environmental Restoration

Rationale: The Sustainability IDP is being dropped and is being moved to the Department of Geography as a major. There is a growing demand for a major in Sustainability and a degree in this major will enable students to better compete in the sustainability job market or apply for graduate education. Along with the major, the Sustainability minor is also moving to Geography. Impact on other units: All units with courses being offered in this major have been contacted for approval. Financial impact: None. Program Learning Outcomes: In development

INTERDISCIPLINARY PROGRAMS
(INPG) Interdisciplinary Programs

REVISE REQUIREMENTS

American Studies Concentration, BA (Interdisciplinary Programs Major)

Concentration Requirements

Select two courses:

- AMST 200 – American Cultures in Global Perspective
- WGS 200 – Introduction to Women, Gender, and Sexuality

Select one upper-division United States history course:

- HIUS 365 – Food and Power in U.S. History
- ~~HIUS 439 – Food and Power in U.S. History~~

Select 12 additional upper-division credit hours:

- REST 361 – The American Jewish Experience
- WGS 340 – Gender, Politics, and the Law
- WGS 469 – Sexuality and Cinema
- ~~WOST 310 - Women and Social Change~~
- ~~WOST 340 - Women, Politics, and the Law~~
- ~~WOST 469 - Sexuality and Cinema~~

Rationale: These added courses are all appropriate for the American Studies program. HIUS 439 is being dropped. Impact on other units: There will be no noticeable impact. Financial impact: None. Program Learning Outcomes: In development

REVISE REQUIREMENTS

Linguistics Concentration, BA (Interdisciplinary Programs Major)

Corequisites

Language Corequisite

Non-Indo-European languages may be selected from the following:

- ~~ASST 141 – Elementary Modern Hebrew I~~
- ~~ASST 142 – Elementary Modern Hebrew II~~
- HEBR 141 – Elementary Modern Hebrew I
- HEBR 142 – Elementary Modern Hebrew II

Statistics Corequisite

Completion of one semester of statistics. This requirement may be met by completing ~~either~~ MATH 115*, STAT 201* or STAT 207*, ~~all either~~ of which will also help meet the Quantitative Reasoning ~~Analysis~~ requirement of the College. Other appropriate statistics courses may be taken if approved by the Linguistics Committee.

Concentration Requirements (30 credit hours)

Select one course:

- ~~AUSP 320 - Speech and Language Development~~
- LING 421 -- Phonetics

Complete:

- ~~LING 423 - The Development of Diachronic and Synchronic Linguistics~~
- ~~LING 426 - Methods of Historical Linguistics~~

- LING 476 – Second Language Acquisition

Choose one course:

- LING 423 - The Development of Diachronic and Synchronic Linguistics
- LING 426 - Methods of Historical Linguistics

Select 9 hours (in consultation with a linguistics advisor):

- LING 421 -- Phonetics

Rationale: ASST 141 and 142, which were cross-listed with HEBR 141 and 142, are being dropped; so listing these courses under Hebrew is now appropriate. Impact on other units: None. Financial impact: None.
Rationale: Math 115 is being added because it also provides the background required to have a general understanding of statistical methods. Impact on other units: No noticeable impact. Financial impact: None.
Rationale: LING 421 is a new Linguistics course and is more suited to this requirement. *Impact on other units:* No noticeable impact. *Financial impact:* None.
Rationale: LING 476 is a relevant and strong area in linguistics and should be included in the core requirements. Requiring either 425 or 426 will insure that students have options that will result in them getting the courses they need to graduate on time. *Impact on other units:* None. *Financial impact:* None
Rationale: Linguistics 421 is an appropriate course for this area. *Impact on other units:* None. *Financial impact:* None.

REVISE REQUIREMENTS

Linguistics Minor

[Swap the two sections, so that this one is first]

Complete (12 hours) ~~**Select 12 additional hours:**~~

- AUSP 305 – Phonetics
  or
- LING 421 – Phonetics
  or
- SPAN 421 – Phonetics
  or
- FREN 421 -- Phonetics
- LING 371 – Foundations of Modern English or
- LING 372 – The Structure of Modern English
- ~~LING 423 – The Development of Diachronic and Synchronic Linguistics~~
- LING 425 – Introduction to Descriptive Linguistics ~~or~~
- LING 426 – Methods of Historical Linguistics
  or
- LING 423 – History of Linguistics

Select 6 hours (in consultation with advisor):
[Same as current list]

Rationale: To make program changes related to LING 423 or LING 426 and addition of LING 421 Phonetics as part of 12 hour requirement parallel across majors and minors. Impact on other units: None. Financial impact: None.

ADD PROGRAM

Middle East Studies Concentration, BA (Interdisciplinary Programs Major)

Christine (Tina) Shepardson, Religious Studies, Chair

College Requirements
Arts and Sciences

Prerequisites
Select two courses:

- ARAB 121 - Elementary Modern Standard Arabic I
- ARAB 122 - Elementary Modern Standard Arabic II
- ARAB 221 - Intermediate Modern Standard Arabic I
- ARAB 222 - Intermediate Modern Standard Arabic II
- MEST 331 - Advanced Arabic Composition and Grammar
- MEST 332 - Formal Spoken Arabic

Concentration Requirements
The concentration consists of **30 hours**.
Complete:

- MEST 225 - Introduction to Judaism, Christianity, Islam

Select two courses

- MEST 366 - History of the Middle East and the Islamic World, 600-1050
- MEST 369 - History of the Middle East and the Islamic World, 1050-1500
- MEST 370 - Modern Middle East

Select two courses from one of the following lists (in addition to the Prerequisite):

List A: Arabic

- MEST 331 - Advanced Arabic Composition and Grammar
- MEST 332 - Formal Spoken Arabic
- MEST 431 – Media Arabic
- MEST 432 – Introduction to Arabic Literature

List B: French

- FREN 211 – Intermediate French I
- FREN 212 – Intermediate French II
- FREN 217 – Honors: Intermediate French I
- FREN 218 – Honors: Intermediate French II
- FREN 333 – Intermediate Composition and Grammar
- FREN 334 – Intermediate Conversation and Phonetics
- FREN 345 – French for Business
- FREN 353 – Introduction to Literary Analysis in French

List C: Hebrew (modern)

- HEBR 241 - Intermediate Modern Hebrew I
- HEBR 242 - Intermediate Modern Hebrew II

List D: Hebrew (biblical)

- REST 221 – Intermediate Biblical Hebrew I
- REST 222 – Intermediate Biblical Hebrew II

List E: Persian

- ASST 261 - Intermediate Persian I
- ASST 262 - Intermediate Persian II

List F: Spanish

- SPAN 211 – Intermediate Spanish
- SPAN 212 – Intermediate Spanish
- SPAN 217 – Honors: Intermediate Spanish
- SPAN 218 – Honors: Intermediate Spanish
- SPAN 305 – Conversation and Aural Comprehension
- SPAN 323 – Upper-level Grammar and Composition
- SPAN 330 – Textual Analysis

Select five additional courses housed in at least two different departments:

- MEST 331 - Advanced Arabic Composition and Grammar
- MEST 332 - Formal Spoken Arabic
- MEST 431 – Media Arabic
- MEST 432 – Introduction to Arabic Literature
- MEST 425 – Early Christian and Byzantine Art to 1350
- CLAS 345 – Greek and Roman Religion
- CLAS 436 – Cities and Sanctuaries of the Greek and Roman World
- ENGL 389 - Literature of the English Bible
- HIEU 304 – History of the Roman Empire
- HIEU 305 – History of the Late Roman Empire
- CLAS 306 – History of Hellenistic Greece
- HIEU 395 - The Crusades and Medieval Christian-Muslim Relations
- HIME 350 – Early Muslim-Christian Relations
- MESE 366 – History of the Middle East and the Islamic World, 600-1050
- MEST 369 - History of the Middle East and the Islamic World, 1050-1500
- MEST 370 - Modern Middle East
- HIME 382 - Archaeology of the Biblical World
- HIME 383 - Early Jewish History
- HIME 384 – Studies in Middle East History
- HIME 400 - History and Archaeology of Mesopotamia
- HIME 484 - Studies in Middle East History
- HIME 486 - Studies in the Ancient Near East
- MEST 463 - Contemporary Middle East Politics
- REST 311 – Introduction to the Hebrew Bible
- REST 312 – Introduction to Early Judaism
- REST 321 - New Testament and Early Christian Origins
- REST 322 - Christianity in Late Antiquity
- REST 332 – Introduction to Islam
- REST 339 - Islam in the Modern World
- REST 336 – Literatures of Islam

- REST 381 - Introduction to Judaism
- REST 385 - Contemporary Jewish Thinkers
- REST 386 - Voices of the Holocaust
- REST 405 - Modern Jewish Thought
- REST 413 - Seminar in Early Judaism
- REST 423 - Seminar in Early Christianity
- REST 436 – Seminar in Islamic Studies

Requirements for Interdisciplinary Programs Major – Middle East Studies Concentration

Term 1	Hours	Milestone Notes
ENGL 101 (or equivalent)*	3	Completion of at least 12 credit hours
Foreign Language (intermediate level)*	4-5	
Natural Sciences Lab*	4	
Quantitative Reasoning Electives*	3-4	
[1]Elective	0-1	
Term 2		
ENGL 102 (or equivalent)*	3	ENGL 101*
Foreign Language (intermediate level)*	4-5	
Natural Sciences Lab (continuation of sequence)*	4	
Quantitative Reasoning Electives*	3-4	
Term 3		
Arts and Humanities (List A)*	3	Completion of at least 12 credit hours
Communicating Orally Elective*	3	
Foreign Language or Elective	3	
Non-U.S. History*	3	
Social Sciences*	3	
Term 4		
Arts and Humanities (List A or B)*	3	ENGL 102*
Foreign Language or Elective	3	
Non-U.S. History (continuation of sequence)*	3	
Social Sciences*	3	
[1]Elective	3	
Term 5		
Middle East Studies Courses (major)	6	One upper-division course towards Middle East Studies major
Communicating through Writing Elective*	3	
[1]Electives	6	
Term 6		
Middle East Studies (major)	9	Completion of at least 9 upper-division (300-400) hours
[2]Connections	3	
[1]Elective	3	
Term 7		
Middle East Studies (major)	9	Completion of at least 24 total upper-division (300-400) hours
[2]Connections	6	
Term 8		
Middle East Studies (major)	6	Completion of at least 42 total upper-division (300-400) hours
Global Challenges	3	
[1]Electives	6	
TOTAL	**120**	

[1] All students must complete at least 42 upper-division (300-400 level) hours in order to receive a degree from the College of Arts & Sciences.

[2] The Connections requirement may be satisfied in one of three ways: (1) by completing 9 hours from one of the approved Connections packages, (2) by completing the requirements for a second major or minor, or (3) by completing 9 hours of study abroad coursework. All students must complete at least 42 upper-division (300-400 level) hours in order to receive a degree from the College of Arts & Sciences.

ADD PROGRAM

Middle East Studies Minor
The minor consists of 18 hours.

Complete:

- MEST 225 - Introduction to Judaism, Christianity, Islam

Select one course

- MEST 366 – History of the Middle East and the Islamic World, 600-1050
- MEST 369 - History of the Middle East and the Islamic World, 1050-1500
- MEST 370 - Modern Middle East

Complete four additional courses housed in at least two different departments:

- MEST 331 - Advanced Arabic Composition and Grammar
- MEST 332 - Formal Spoken Arabic
- MEST 431 – Media Arabic
- MEST 432 – Introduction to Arabic Literature
- MEST 425 – Early Christian and Byzantine Art to 1350
- CLAS 345 – Greek and Roman Religion
- CLAS 436 – Cities and Sanctuaries of the Greek and Roman World
- ENGL 389 - Literature of the English Bible
- HIEU 304 – History of the Roman Empire
- HIEU 305 – History of the Late Roman Empire
- CLAS 306 – History of Hellenistic Greece
- HIEU 395 - The Crusades and Medieval Christian-Muslim Relations
- HIME 350 – Early Muslim-Christian Relations
- MEST 366 – History of the Middle East and the Islamic World, 600-1050
- MEST 369 - History of the Middle East
- MEST 370 - History of the Middle East
- HIME 382 - Archaeology of the Biblical World
- HIME 383 – Early Jewish History
- HIME 384 – Studies in Middle East History
- HIME 400 - History and Archaeology of Mesopotamia
- HIME 484 - Studies in Middle East History
- HIME 486 - Studies in the Ancient Near East
- MEST 463 - Contemporary Middle East Politics
- REST 311 – Introduction to the Hebrew Bible
- REST 312 – Introduction to Early Judaism
- REST 321 - New Testament and Early Christian Origins
- REST 322 - Christianity in Late Antiquity
- REST 332 – Introduction to Islam
- REST 339 - Islam in the Modern World
- REST 336 – Literatures of Islam
- REST 381 - Introduction to Judaism
- REST 385 - Contemporary Jewish Thinkers
- REST 386 - Voices of the Holocaust
- REST 405 - Modern Jewish Thought
- REST 413 - Seminar in Early Judaism
- REST 423 - Seminar in Early Christianity
- REST 436 – Seminar in Islamic Studies

Rationale: Several faculty members feel that this new IDP is a needed addition to the college offerings. Impact on other units: Units whose courses are being listed and/or cross listed have given their approval. Financial impact: None.

NEUROSCIENCE

REVISE REQUIREMENTS

Neuroscience Concentration, BA (Interdisciplinary Programs Major)

Prerequisites

A minimum grade of C must be earned in each prerequisite.

Neuroscience Concentration

III. Remaining Hours, Complete 15 hours:

- BCMB 416 – Neurobiology Laboratory
- EEB 400 – Undergraduate Research
- EEB 459 – Comparative Animal Behavior Laboratory
- INPG 493 – Independent Study
- JREM 450 – Writing About Science and Medicine
- MSE 494 – Special Project Laboratory
- PSYC 301 – Foundations of Behavioral Neuroscience
- PSYC 330 – Abnormal Psychology

- PSYC 432 – Childhood Psychopathologies
- PSYC 489 – Supervised Research

Rationale: After tracking students for 3 years, those receiving less than a grade of C in one or more of the prerequisites frequently have trouble in the 300-400 level courses in the major. Impact on other units: None. Financial impact: None.
Rationale: These are appropriate courses for the Neuroscience program. Impact on other units: All primary units have given permission for their courses to be added to this program description. Financial impact: None. Program Learning Outcomes: In development

END PROGRAMS

Sustainability Concentration, BA (Interdisciplinary Programs Major)

Sustainability Minor (Interdisciplinary Programs)

Rationale: These programs are being dropped from Interdisciplinary Programs and are moving to the Department of Geography as a Major and Minor. Impact on other units: See rationale – all units affected agree to this change. Financial impact: None.

END PROGRAMS (MOVING TO CEHHS/TPTE)

VolsTeach Minor for Mathematics Majors (Arts and Sciences)

VolsTeach Minor for Science Majors (Arts and Sciences)

Rationale: The VolsTeach program is being moved out of the College of Arts and Sciences and into the College of Education. Impact on other units: Only impacts the two colleges involved. Financial impact: None.

END PROGRAMS

Interdisciplinary Programs Major, BA – Women's Studies Concentration

Interdisciplinary Programs Minor – Women's Studies

ADD PROGRAM

Women, Gender, and Sexuality Concentration, BA (Interdisciplinary Programs Major)

Rachel May Golden, School of Music, Chair

Women, Gender, and Sexuality is a major dedicated to the study of how gender and sexuality shape the past, present, and future of human cultures and societies. Our interdisciplinary curriculum trains students in critical studies of the ways in which gender and sexuality intersect with race, ethnicity, nationality, ability, and other dimensions of difference. Our courses provide students with a wide variety of methodological skills and perspectives with which to conduct their own research, creative activity, and activism.

College Requirements
Arts and Sciences

Concentration Requirements
The concentration consists of **30 hours**.
Complete:
- WGS 200 – Introduction to Women, Gender, and Sexuality
- WGS 499 – Capstone Seminar in Women, Gender, and Sexuality

Select one course in history:
- WGS 319 – Gender and Religion in Asia
- WGS 324 – History of Rape in the United States
- WGS 326 – Gay American History
- WGS 376 – African American Women's History from Slavery to the Present
- WGS 384 – Gender and Sexuality in Greece and Rome
- WGS 436 – History of Gender and Sexuality in the United States
- WGS 465 – Gender and Sexuality in Early Latin America

Select one course in Arts & Literature:
- FREN 433 – French and Francophone Women Writers
- GERM 370 – Witches: Myth, Reality, and Representation
- GERM 434 – Extraordinary Wo(Men) – Outcasts, Rebels, Martyrs, and Saints
- SPAN 433 – Images of Woman in Hispanic Literature
- WGS 330 – Gender and Music
- WGS 332 – Women in American Literature
- WGS 412 – Gender, Performance Art, and the Avant Garde

- WGS 422 – Women Writers in Britain
- WGS 469 – Sexuality and Cinema

Select two courses in Social Sciences:

- PSYC 435 – Multicultural Psychology
- PSYC 476 – African American Psychology
- WGS 340 – Gender, Politics, and the Law
- WGS 370 – Gender and Globalization
- WGS 375 – Gender in Society
- WGS 434 – Psychology of Gender
- WGS 453 – Gender and Crime

Select four additional courses:

- FREN 433 – French and Francophone Women Writers
- GERM 370 – Witches: Myth, Reality, and Representation
- GERM 434 – Extraordinary Wo(Men) – outcasts, Rebels, Martyrs, and Saints
- PSYC 435 – Multicultural Psychology
- PSYC 476 – African American Psychology
- SPAN 433 – Images of Woman in Hispanic Literature
- WGS 320 – Gender and Religion
- WGS 324 – History of Rape in the United States
- WGS 325 – Women in American History
- WGS 326 – Gay American History
- WGS 330 – Gender and Music
- WGS 332 – Women in American Literature
- WGS 340 – Gender, Politics, and the Law
- WGS 370 – Gender and Globalization
- WGS 375 – Gender in Society
- WGS 376 – African American Women's History from Slavery to the Present
- WGS 382 – Philosophy of Feminism
- WGS 384 – Gender and Sexuality in Greece and Rome
- WGS 400 – Topics in Women, Gender, and Sexuality
- WGS 412 – Gender, Performance Art, and the Avant Garde
- WGS 422 – Women Writers in Britain
- WGS 434 – Psychology of Gender
- WGS 436 – History of Gender and Sexuality in the United States
- WGS 453 – Gender and Crime
- WGS 465 – Gender and Sexuality in Early Latin America
- WGS 469 – Sexuality and Cinema
- WGS 484 – African-American Women in American Society
- WGS 490 – Internship
- WGS 491 – Foreign Study
- WGS 492 – Off Campus Study
- WGS 493 – Independent Study

Requirements for Interdisciplinary Programs Major – Women, Gender, and Sexuality Concentration

Term 1	Hours	Milestone Notes
ENGL 101 (or equivalent)*	3	Complete at least 12 hours by the end of the term
Foreign Language (intermediate level)*	3	
Natural Science Elective*	4	
Quantitative Reasoning Elective*	3-4	
[1]Elective	1-2	
Term 2		
ENGL 102 (or equivalent)*	3	ENGL 101*
Foreign Language (intermediate level)*	3	
Natural Science Elective*	4	
Quantitative Reasoning Elective*	3-4	
[1]Elective	1-2	
Term 3		
WGS 200	3	Completion of at least 12 credit hours
Non-U.S. History*	3	
Social Sciences Elective*	6	
Global Challenges	3	
Term 4		
WGS – History Category	3	ENGL 102*
WGS – Arts Category	3	One WGS course with a grade of C or better

Arts & Humanities Elective*	3	
Non-U.S. History*	3	
[1]Electives	3	
Term 5		
WGS – Social Sciences Category	3	Two WGS courses with a grade of C or better
Communicating Orally Elective*	3	
[2]Connections	6	
[1]Electives	3	
Term 6		
WGS (major)	3	Completion of at least 9 upper-division (300-400) hours
WGS – Social Sciences Category	3	
[2]Connections	3	
[1]Electives	6	
Term 7		
WGS (major)	6	Completion of at least 24 total upper-division (300-400) hours
Electives	3	
Communicating through Writing Elective*	3	
Arts & Humanities Elective*	3	
Term 8		
WGS 499	3	Completion of at least 42 total upper-division (300-400) hours
WGS (major)	3	
[1]Electives	9	
TOTAL	**120**	

[1] All students must complete at least 42 upper-division (300-400 level) hours in order to receive a degree from the College of Arts & Sciences.

[2] The Connections requirement may be satisfied in one of three ways: (1) by completing 9 hours from one of the approved Connections packages, (2) by completing the requirements for a second major or minor, or (3) by completing 9 hours of study abroad coursework. All students must complete at least 42 upper-division (300-400 level) hours in order to receive a degree from the College of Arts & Sciences.

ADD PROGRAM

Women, Gender and Sexuality Minor

Minor Requirements
The minor consists of **15 hours**.

Complete:
- WGS 200 – Introduction to Women, Gender, and Sexuality

Select four courses:
- FREN 433 – French and Francophone Women Writers
- GERM 370 – Witches: Myth, Reality, and Representation
- GERM 434 – Extraordinary Wo(Men) – outcasts, Rebels, Martyrs, and Saints
- PSYC 435 – Multicultural Psychology
- PSYC 476 – African American Psychology
- SPAN 433 – Images of Woman in Hispanic Literature
- WGS 320 – Gender and Religion
- WGS 324 – History of Rape in the United States
- WGS 325 – Women in American History
- WGS 326 – Gay American History
- WGS 330 – Gender and Music
- WGS 340 – Gender, Politics, and the Law
- WGS 370 – Gender and Globalization
- WGS 375 – Gender in Society
- WGS 376 – African American Women's History from Slavery to the Present
- WGS 382 – Philosophy of Feminism
- WGS 400 – Topics in Women, Gender, and Sexuality
- WGS 412 – Gender, Performance Art, and the Avant Garde
- WGS 434 – Psychology of Gender
- WGS 436 – History of Gender and Sexuality in the United States
- WGS 453 – Gender and Crime
- WGS 465 – Gender and Sexuality in Early Latin America

Rationale: The current Women's Studies program is dated. The new Women, Gender, and Sexuality curriculum acknowledges that gender and sexuality studies include many populations beyond only women. This curriculum recognizes the diverse voices of our LGBTQIA students and reflects contemporary methods and approaches in gender and sexuality studies. Recently, the SGA passed a resolution calling for "more resources and coursework about gender and sexuality" in support of a "vibrant and diverse campus culture." We see WGS, its major and minor concentrations, as helping to address this vital need. Impact on other units: All affected units have been notified and have participated in this revision process. Financial impact: None. Program Learning Outcomes: In development

DEPARTMENT OF MATHEMATICS
(MATH) Mathematics

REVISE REQUIREMENTS

Mathematics Major, BS

Major Requirements

2. **For Breadth, select one course from each category:**
   Analysis
   - ~~MATH 445 - Advanced Calculus I~~
   - ~~MATH 446 - Advanced Calculus II~~
3. **For Depth, select one of the following pairings ~~or a two-course graduate math sequence~~:**
   - MATH 441 - Advanced Calculus
   - MATH 443 - Complex Variables
   - ~~MATH 445 - Advanced Calculus I~~
   - ~~MATH 446 - Advanced Calculus II~~

   or
   - MATH 447 - Honors: Analysis I ~~Honors: Advanced Calculus I~~
   - MATH 448 - Honors: Analysis II ~~Honors: Advanced Calculus II~~

   or
   - MATH 443 - Complex Variables
   - ~~MATH 445 - Advanced Calculus I~~
   - MATH 447 - Honors: Analysis I

   or
   - MATH 450 - Number Theory
   - MATH 451 - Abstract Algebra
   - ~~MATH 455 - Abstract Algebra I~~
   - ~~MATH 456 - Abstract Algebra II~~

   or
   - MATH 450 - Number Theory
   - MATH 457 - Honors: Abstract Algebra I

Mathematics Major, BS – Applied Math Concentration

Concentration Requirements

2. **For Breadth, select one course from each category:**
   Algebra
   - MATH 450 - Number Theory
   - MATH 451 - Abstract Algebra
   - ~~MATH 455 - Abstract Algebra I~~
   - ~~MATH 456 - Abstract Algebra II~~

   Analysis
   - ~~MATH 445 - Advanced Calculus I~~
   - ~~MATH 446 - Advanced Calculus II~~
   - ~~MATH 448 - Honors: Advanced Calculus II~~

Mathematics Major, BS – Math Biology Concentration

Concentration Requirements

2. **For Breadth, select one course from each category:**
   Algebra
   - MATH 450 - Number Theory
   - MATH 451 - Abstract Algebra
   - ~~MATH 455 - Abstract Algebra I~~
   - ~~MATH 456 - Abstract Algebra II~~

   Analysis
   - ~~MATH 445 - Advanced Calculus I~~
   - ~~MATH 446 - Advanced Calculus II~~
   - ~~MATH 448 - Honors: Advanced Calculus II~~

4. **Select additional courses to reach a total of 37 hours:**
   - MATH 441 – Advanced Calculus
   - MATH 447 – Honors: Analysis I
   - MATH 448 – Honors: Analysis II
   - ~~MATH 445 - Advanced Calculus I~~
   - ~~MATH 446 - Advanced Calculus II~~
   - ~~MATH 447 - Honors: Advanced Calculus I~~
   - ~~MATH 448 - Honors: Advanced Calculus II~~

Mathematics Major, BS – Math Education Concentration

Concentration Requirements

2. **For Breadth, select one course from each category:**

Algebra
- MATH 450 - Number Theory
- MATH 451 - Abstract Algebra
- ~~MATH 455 - Abstract Algebra I~~
- ~~MATH 456 - Abstract Algebra II~~

Analysis
- ~~MATH 445 - Advanced Calculus I~~
- ~~MATH 446 - Advanced Calculus II~~
- ~~MATH 448 - Honors: Advanced Calculus II~~

Mathematics Major, BS – Theoretical Math Concentration

Concentration Requirements

2. **For Breadth, select one course from each category:**

Algebra
- MATH 450 - Number Theory
- MATH 451 - Abstract Algebra
- ~~MATH 455 - Abstract Algebra I~~
- ~~MATH 456 - Abstract Algebra II~~

Analysis
- ~~MATH 445 - Advanced Calculus I~~
- ~~MATH 446 - Advanced Calculus II~~
- ~~MATH 448 - Honors: Advanced Calculus II~~

3. **For Theoretical Breadth, select one course from each category ~~complete all of the following (or honors equivalents)~~:**
   - ~~MATH 445 - Advanced Calculus I~~
   - ~~MATH 455 - Abstract Algebra I~~
   - ~~MATH 467 - Honors: Topology~~

Algebra
- MATH 450 - Number Theory
- MATH 451 - Abstract Algebra
- MATH 457 - Honors: Abstract Algebra I

Analysis
- MATH 441 - Advanced Calculus
- MATH 447 - Honors: Analysis I

Topology
- MATH 467 - Honors: Topology

4. **For Depth, select one of the following pairings:**
   - MATH 441 - Advanced Calculus
   - MATH 443 - Complex Variables
   - ~~MATH 445 - Advanced Calculus I~~
   - ~~MATH 446 - Advanced Calculus II~~

   - MATH 447 - Honors: Analysis I ~~Honors: Advanced Calculus I~~
   - MATH 448 - Honors: Analysis II ~~Honors: Advanced Calculus II~~

   - MATH 443 - Complex Variables
   - ~~MATH 445 - Advanced Calculus I~~
   - MATH 447 - Honors: Analysis I

   - MATH 450 - Number Theory
   - MATH 451 - Abstract Algebra
   - ~~MATH 455 - Abstract Algebra I~~
   - ~~MATH 456 - Abstract Algebra II~~

- MATH 450 - Number Theory
- MATH 457 - Honors: Abstract Algebra I

5. **Select additional courses to reach a total of 40 hours:**
   - MATH 441 - Advanced Calculus
   - MATH 447 - Honors: Analysis I
   - MATH 448 - Honors: Analysis II
   - ~~MATH 446 - Advanced Calculus II~~
   - ~~MATH 448 - Honors: Advanced Calculus II~~
   - MATH 450 - Number Theory
   - MATH 451 - Abstract Algebra
   - MATH 457 - Honors: Abstract Algebra I

Rationale: All these Mathematics program changes are being made because of the revisions in upper division undergraduate algebra and analysis courses. Impact on other units: None. Financial impact: None.

DEPARTMENT OF MODERN FOREIGN LANGUAGES AND LITERATURES

END PROGRAM

Modern Foreign Languages and Literatures Major, BA – German Language and Literature Concentration.

Modern Foreign Languages and Literatures Major, BA – German Studies Concentration

ADD PROGRAM

Modern Foreign Languages and Literatures Major, BA – German Concentration

Majors in German should carefully prepare their programs in consultation with a departmental faculty advisor. The major consists of at least 30 hours of German in courses numbered above 300, with at least 6 hours above 400. German 321 and 322 are required; German 331 and 332 do not count toward the major. With the approval of the faculty advisor, the student may count up to 6 hours of coursework taken outside of German towards the major (for example: MFLL, History, Geography, Musicology, Philosophy, Art History, Religious Studies, Cinema Studies). In order to graduate, majors will be required to take a proficiency test in German by registering for German 495 (0 credit hours).

Requirements for Modern Foreign Languages and Literatures Major – German Concentration

Term 1	**Hours**	**Milestone Notes**
ENGL 101 (or equivalent)*	3	Completion of at least 12 credit hours
GERM 111	3	
Natural Sciences Lab*	4	
Quantitative Reasoning Electives*	3-4	
[1]Elective	0-1	
Term 2		
ENGL 102 (or equivalent)*	3	ENGL 101*
GERM 112	3	
Natural Sciences Lab (continuation of sequence)*	4	
Quantitative Reasoning Elective*	3	
Social Sciences*	3	
Term 3		
Arts and Humanities (List A)*	3	GERM 123 or GERM 211*
GERM 211*	3	
Non-U.S. History*	3	
Social Sciences*	3	
[1]Elective	3	
Term 4		
Arts and Humanities (List A or B)*	3	ENGL 102*
GERM 212*	3	GERM 212* or GERM 223*
German (major)	3	
Non-U.S. History (continuation of sequence)*	3	
[1]Elective	3	
Term 5		
German (major)	6	300-level German course
[2]Connections	6	
[1]Electives	3	

Term 6		
Communicating Orally Elective*	3	Completion of at least 9 upper-division (300-400) hours
German (major)	9	
[2]Connections	3	
Term 7		
Communicating through Writing Elective*	3	Completion of at least 24 total upper-division (300-400) hours
German (major)	9	
Global Challenges	3	
Term 8		
German (major)	9	Completion of at least 42 total upper-division (300-400) hours
[1]Electives	6	
TOTAL (minimum)	**120**	

* Meets University General Education Requirement.
[1] All students must complete at least 42 upper-division (300-400 level) hours in order to receive a degree from the College of Arts & Sciences.
[2] The Connections requirement may be satisfied in one of three ways: (1) by completing 9 hours from one of the approved Connections packages, (2) by completing the requirements for a second major or minor, or (3) by completing 9 hours of study abroad coursework. All students must complete at least 42 upper-division (300-400 level) hours in order to receive a degree from the College of Arts & Sciences.

Rationale: To simplify and merge our two concentrations in German into one in accordance with the courses we are offering regularly. The description of the German Studies Concentration was outdated and many courses on it are no longer offered at UT. These proposals allow students a maximum flexibility in pursuing the Major but does not compromise on intellectual rigidity. Impact on other units: None. Financial impact: None. Program Learning Outcomes: All Support from Assessment Activities: Curriculum review

REVISE REQUIREMENTS

German Minor

The minor consists of 18 hours of German courses at the 300 level and above. Students are encouraged but not required to take German 321 and 322. No more than six hours from 363, 323, 350, 370, or 423 may count towards the minor; German 331 and 332 do not count towards the minor.

~~**Prerequisites**~~
~~**Complete:**~~

- ~~GERM 211 - Intermediate German I *~~
- ~~GERM 212 - Intermediate German II * (or equivalent)~~

~~**Minor Requirements**~~
~~The minor consists of at least **18 hours** of German courses numbered above 300 (normally includes GERM 321 and GERM 322). GERM 323, GERM 331, GERM 332, GERM 350, and GERM 416 cannot count toward the minor.~~

~~**Select 18 hours:**~~

- ~~300-400 level German courses~~

Rationale: To change our minor in accordance with the courses we offer. This change allows students to take a maximum of two classes taught in English that will count towards the minor. We have petitioned to count these courses for many years. Impact on other units: None. Financial impact: None.

SCHOOL OF MUSIC

REVISE REQUIREMENTS

Music Minor – Music Composition

Minor Requirements
The minor concentration in music composition consists of 18 ~~16~~ hours in courses numbered 200 or above.

Required Courses (18 ~~16~~ hours)
Complete:

- ~~MUPF 294 - Composition~~
- ~~MUPF 295 - Composition~~
- MUTH 250 – Composition Class I
- MUTH 255 – Composition Class II

Select 4 hours
- MUPF 294 - Composition
- MUPF 295 - Composition
- ~~MUPF 394 - Composition~~
- ~~MUPF 395 - Composition~~

Rationale: The minor description is being changed to include the new composition courses being proposed. *Impact on other units:* None. *Financial impact:* None.

Music Minor – Music Theory

Minor Requirements
Required Courses (11 hours)
Complete:
- ~~MUTH 310 -- Form and Analysis~~

Select 6 hours
300-400 level Music Theory classes (may not overlap with the student's major concentration area)
Select 3 hours
300-400 level music theory or music technology classes (may not overlap with the student's major concentration area)

Rationale: The upper division requirements are being changed to meet the new requirement of minors to have at least 9 hours that do not overlap with the student's major concentration area. Impact on other units: None. Financial impact: None.

DEPARTMENT OF POLITICAL SCIENCE
(POLS) Political Science

Political Science-BA

1: Students will demonstrate basic knowledge of, understanding of and the ability to apply political science principles.
2: Students will demonstrate a heightened awareness of political problems, and a greater understanding of the relevance of political science concepts to the real world, through participating in both intra- and extramural activities.
3: Students will develop basic research skills including the ability to develop a research question; formulate one or more testable research hypotheses; construct a research design; and carry through a research project to completion.

ADD PROGRAM

Political Science Major, BA – Law and Courts Concentration

College Requirements
Arts and Sciences
Prerequisites
Select one course:
- POLS 101: United States Government and Politics
- POLS 107: Honors: United States Government and Politics

Complete:
- POLS 102: Introduction to Political Science*

Law and Courts Concentration

Students majoring in political science who wish to emphasize public law and judicial processes in their study may select the concentration in law and courts. The concentration consists of **31 hours** of coursework in political science beyond the 100-level.

Complete the following five courses:
- POLS 249 - Introduction to Comparative Politics
- POLS 265 - Introduction to International Relations
- POLS 200 - Introduction to Political Philosophy
- POLS 301 - Research Methods
- POLS 330 - Law in American Society

Select five courses from the list below:
- POLS 341 - Judicial Process and Policymaking
- POLS 430 - United States Constitutional Law: Sources of Power and Restraint
- POLS 431 - United States Constitutional Law: Civil Rights and Liberties
- POLS 435 - Criminal Law and Procedure
- POLS 442 - Administrative Law and Regulatory Policymaking
- POLS 470 - International Law

Complete:
- POLS 480 – Capstone

Requirements for Political Science Major – Law and Courts Concentration

Term 1	Hours	Milestone Notes
ENGL 101 (or equivalent)*	3	Complete at least 12 hours by the end of the term
Foreign Language (intermediate level)*	3	
Natural Sciences Lab*	4	
Quantitative Reasoning Electives*	3-4	
[1]Elective	0-1	
Term 2		
ENGL 102 (or equivalent)*	3	ENGL 101*
Foreign Language (intermediate level)*	3	
Natural Sciences Lab (continuation of sequence)*	4	
POLS 101* or POLS 107*	3	
Quantitative Reasoning Electives*	3-4	
Term 3		
Arts and Humanities (List A)*	3	Complete at least 36 hours by the end of the term
Communicating Orally Elective*	3	
POLS 102*, POLS 240	6	
[1]Elective	3	
Term 4		
Arts and Humanities (List A or B)*	3	ENGL 102*
Communicating through Writing Elective*	3	POLS 101*
ECON 201* or ECON 207*	4	POLS 102*
Non-U.S. History*	3	
[1]Elective	2	
Term 5		
Non-U.S. History (continuation of sequence)*	3	ECON 201*
Political Science (major)	6	
[2]Connections	3	
Global Challenges	3	
Term 6		
Political Science (major)	9	Completion of at least 9 upper-division (300-400 level) hours
[2]Connections	6	
Term 7		
Political Science (major)	9	Completion of at least 24 total upper-division (300-400 level) hours
[1]Electives	6	
Term 8		
POLS 480	1	Completion of at least 42 total upper-division (300-400 level) hours
Political Science (major)	6	
[1]Electives	8	
TOTAL (minimum)	**120**	

* Meets University General Education Requirement.

1 All students must complete at least 42 upper-division (300-400 level) hours in order to receive a degree from the College of Arts & Sciences.

2 The Connections requirement may be satisfied in one of three ways: (1) by completing 9 hours from one of the approved Connections packages, (2) by completing the requirements for a second major or minor, or (3) by completing 9 hours of study abroad coursework. All students must complete at least 42 upper-division (300-400 level) hours in order to receive a degree from the College of Arts & Sciences.

Rationale: The department voted to add this new concentration because there is a great demand for it among students. Many of our undergraduates wish to attend law school and are thus very interested in this concentration and courses on public law. Impact on other units: None. Financial impact: None. Program Learning Outcomes: Political Science-BA All Support from Assessment Activities: Curriculum review & student interest

DEPARTMENT OF SOCIOLOGY
(SOCI) Sociology

ADD PROGRAM

Sociology Major, BA - Critical Race and Ethnic Studies Concentration

The Sociology major consists of **31 hours**. Ideally, students will take SOCI 321 and SOCI 331 no later than their junior year. SOCI 480 will be taken in the senior year. An honors concentration is available.

The Critical Race and Ethnic Studies concentration is grounded in a theoretical tradition focused on a critical perspective to understanding race and ethnicity. Through a critical and historical lens, courses in the area interrogate how racial and ethnic categories coalesce around structural inequalities and across multiple geographies.

Requirements are SOCI 225 or SOCI 343 and two additional courses of either SOCI 452, SOCI 460, SOCI 466, or SOCI 472.

College Requirements

Arts and Sciences

Sociology – Prerequisites (6 hours)

Select one course (grade of C or better):

- SOCI 110 - Social Problems and Social Justice *
- SOCI 120 - Introduction to Sociology *
- SOCI 127 - Honors: Introduction to Sociology *

Select one course:

- MATH 115 - Statistical Reasoning *
- STAT 201 - Introduction to Statistics *
- STAT 207 - Honors: Introduction to Statistics *

Sociology – Major (31 hours)

The major consists of **31 upper-division hours** in sociology.

Complete:

- SOCI 321 - Sociological Theory
- SOCI 331 - Sociological Research
- SOCI 480 - Capstone in Sociology

Critical Race and Ethnic Studies Concentration

Complete:

- SOCI 225 or 343

Select two courses:

- SOCI 452 - Race, Ethnicity, Crime and Justice
- SOCI 460 - Global Capitalism and Racism
- SOCI 466 - Special Topic in Race and Ethnicity
- SOCI 472 - Civil Rights Movements

Select five courses (in consultation with advisor):

- 300-400 level sociology courses

Requirements for Sociology Major – Critical Race and Ethnic Studies Concentration

Term 1	Hours	Milestone Notes
ENGL 101 (or equivalent)*	3	Completion of at least 12 credit hours
Foreign Language (intermediate level)*	3	
Natural Sciences Lab*	4	
Quantitative Reasoning Elective*	3	
[1]Elective	1	
Term 2		
Arts and Humanities (List A)*	3	ENGL 101*
ENGL 102 (or equivalent)*	3	
Foreign Language (intermediate level)*	3	
MATH 115*, STAT 201*, or STAT 207*	3	
Natural Sciences Lab (continuation of sequence)*	4	
Term 3		
Communicating Orally Elective*	3	Completion of at least 12 credit hours
Social Sciences (not from SOCI)*	3	
SOCI 110*, SOCI 120*, or SOCI 127*	3	
[1]Electives	6	
Term 4		
Arts and Humanities (List A or B)*	3	ENGL 102*
Communicating through Writing Elective*	3	MATH 115* or STAT 201*
SOCI 321	3	SOCI 110* or SOCI 120*
[1]Electives	6	
Term 5		
Non-U.S. History*	3	SOCI 321 or SOCI 331
SOCI 331	3	
[2]Connections	6	

[1]Electives	3	
Term 6		
Non-U.S. History (continuation of sequence)*	3	Completion of at least 9 upper-division (300-400 level) hours
Sociology (major)	9	
[2]Connections	3	
Term 7		
Sociology (major)	9	Completion of at least 24 total upper-division (300-400 level) hours
Global Challenges	3	
[1]Elective	3	
Term 8		
Sociology major (400-level)	6	Completion of at least 42 total upper-division (300-400 level) hours
[1]Electives	9	
TOTAL (minimum)	**120**	

* Meets University General Education Requirement.

1 All students must complete at least 42 upper-division (300-400 level) hours in order to receive a degree from the College of Arts & Sciences.

2 The Connections requirement may be satisfied in one of three ways: (1) by completing 9 hours from one of the approved Connections packages, (2) by completing the requirements for a second major or minor, or (3) by completing 9 hours of study abroad coursework. All students must complete at least 42 upper-division (300-400 level) hours in order to receive a degree from the College of Arts & Sciences.

ADD PROGRAM

Sociology Major, BA – Critical Race and Ethnic Studies Honors Concentration

Students may pursue a concentration in sociology with honors, a concentration in criminology and criminal justice with honors, a concentration in environmental issues with honors, or a concentration in critical race and ethnic studies with honors. The honors concentration requires a 3.3 overall GPA, a 3.5 GPA in sociology coursework, with no grade of less than B+ in any sociology course, and at least 12 hours of honors courses. Honors courses must include SOCI 127* (or another honors course approved by the Director of Undergraduate Studies); SOCI 457 - Honors Thesis in Sociology and 6 additional hours of honors sociology coursework chosen in consultation with an advisor. The 6 additional hours may include SOCI 497 or honors by contract courses in sociology. In addition, students are required to complete an advanced sociological research methods course in the department (SOCI 431 or other courses approved by the department). All prerequisites and requirements of the general sociology major or area of concentration are also required. The honors thesis may be original research or an in-depth theoretical exploration of an area within sociology, to be decided with the faculty member who agrees to direct the thesis.

Formal application must be made to the Director of Undergraduate Studies for admission to an honors concentration. Please send a letter of application, detailing your interest in the honors major and your academic performance.

Rationale: This new major concentration and honors concentration reflects the department's current faculty profile who have an expertise in race and ethnicity. They have been vetted by the department and they meet student demand for more focused courses on race and ethnicity. Impact on other units: None. Financial impact: None. Program Learning Outcomes: Sociology-BA All, Support from Assessment Activities: Curriculum review & student interest

REVISE REQUIREMENTS

Sociology Major, BA

The Sociology major consists of 31 hours. Ideally, students will take SOCI 321 and SOCI 331 no later than their junior year. SOCI 480 will be taken in the senior year. Students may declare a concentration in either Criminology and Criminal Justice, Environmental Issues, or Critical Race and Ethnic Studies, and in Honors.

~~Continuing, returning, and transfer students must meet progression requirements before declaring a major in sociology.~~

~~Before applying to the Sociology Department for admission to the major, a student must complete either SOCI 110*, SOCI 120*, or SOCI 127* with a grade of C or above, and either Math 115*, STAT 201*, or STAT 207*. Upon granting admission to the major, the Department will assign the student an academic advisor who will help the student plan a program of study for the major. Students may also declare a concentration in either Criminology and Criminal Justice or Environmental Issues, and in Honors, each of which features attendant requirements. Ideally, students will take SOCI 321 and SOCI 331 no later than their junior year. SOCI 480 will be taken in the senior year.~~

Sociology Major, BA – Honors Sociology Concentration

Students may pursue a concentration in sociology with honors, a concentration in criminology and criminal justice with honors, a concentration in environmental issues with honors, or a concentration in critical race and ethnic studies with honors. The honors

concentration requires a 3.3 overall GPA, a 3.5 GPA in sociology coursework, with no grade of less than B+ in any sociology course, and at least 12 hours of honors courses. Honors courses must include SOCI 127* (or another honors course approved by the Director of Undergraduate Studies); SOCI 457 - Honors Thesis in Sociology and 6 additional hours of honors sociology coursework chosen in consultation with an advisor. The 6 additional hours may include SOCI 497 or honors by contract courses in sociology. In addition, students are required to complete an advanced sociological research methods course in the department (SOCI 431 or other courses approved by the department). All prerequisites and requirements of the general sociology major or area of concentration are also required. The honors thesis may be original research or an in-depth theoretical exploration of an area within sociology, to be decided with the faculty member who agrees to direct the thesis.

Sociology Major, BA - Criminology and Criminal Justice Concentration

The Sociology major consists of 31 hours. Ideally, students will take SOCI 321 and SOCI 331 no later than their junior year. SOCI 480 will be taken in the senior year. Students may declare a concentration in either Criminology and Criminal Justice, Environmental Issues, or Critical Race and Ethnic Studies, and in Honors.

~~Continuing, returning, and transfer students must meet progression requirements before declaring a major in sociology.~~

~~Before applying to the Sociology Department for admission to the major, a student must complete either SOCI 110*, SOCI 120*, or SOCI 127* with a grade of C or above, and either Math 115*, STAT 201*, or STAT 207*. Upon granting admission to the major, the Department will assign the student an academic advisor who will help the student plan a program of study for the major. Students may also declare a concentration in either Criminology and Criminal Justice or Environmental Issues, and in Honors, each of which features attendant requirements. Ideally, students will take SOCI 321 and SOCI 331 no later than their junior year. SOCI 480 will be taken in the senior year.~~

Sociology Major, BA – Honors Criminology and Criminal Justice Concentration

Students may pursue a concentration in sociology with honors, a concentration in criminology and criminal justice with honors, a concentration in environmental issues with honors, or a concentration in critical race and ethnic studies with honors. The honors concentration requires a 3.3 overall GPA, a 3.5 GPA in sociology coursework, with no grade of less than B+ in any sociology course, and at least 12 hours of honors courses. Honors courses must include SOCI 127* (or another honors course approved by the Director of Undergraduate Studies); SOCI 457 - Honors Thesis in Sociology and 6 additional hours of honors sociology coursework chosen in consultation with an advisor. The 6 additional hours may include SOCI 497 or honors by contract courses in sociology. In addition, students are required to complete an advanced sociological research methods course in the department (SOCI 431 or other courses approved by the department). All prerequisites and requirements of the general sociology major or area of concentration are also required. The honors thesis may be original research or an in-depth theoretical exploration of an area within sociology, to be decided with the faculty member who agrees to direct the thesis.

Sociology Major BA - Environmental Issues Concentration

The Sociology major consists of 31 hours. Ideally, students will take SOCI 321 and SOCI 331 no later than their junior year. SOCI 480 will be taken in the senior year. Students may declare a concentration in either Criminology and Criminal Justice, Environmental Issues, or Critical Race and Ethnic Studies, and in Honors.

~~Continuing, returning, and transfer students must meet progression requirements before declaring a major in sociology.~~

~~Before applying to the Sociology Department for admission to the major, a student must complete either SOCI 110*, SOCI 120*, or SOCI 127* with a grade of C or above, and either Math 115*, STAT 201*, or STAT 207*. Upon granting admission to the major, the Department will assign the student an academic advisor who will help the student plan a program of study for the major. Students may also declare a concentration in either Criminology and Criminal Justice or Environmental Issues, and in Honors, each of which features attendant requirements. Ideally, students will take SOCI 321 and SOCI 331 no later than their junior year. SOCI 480 will be taken in the senior year.~~

Sociology Major BA – Honors Environmental Issues Concentration
Students may pursue a concentration in sociology with honors, a concentration in criminology and criminal justice with honors, a concentration in environmental issues with honors, or a concentration in critical race and ethnic studies with honors. The honors concentration requires a 3.3 overall GPA, a 3.5 GPA in sociology coursework, with no grade of less than B+ in any sociology course, and at least 12 hours of honors courses. Honors courses must include SOCI 127* (or another honors course approved by the Director of Undergraduate Studies); SOCI 457 - Honors Thesis in Sociology and 6 additional hours of honors sociology coursework chosen in consultation with an advisor. The 6 additional hours may include SOCI 497 or honors by contract courses in sociology. In addition, students are required to complete an advanced sociological research methods course in the department (SOCI 431 or other courses approved by the department). All prerequisites and requirements of the general sociology major or area of concentration are also required. The honors thesis may be original research or an in-depth theoretical exploration of an area within sociology, to be decided with the faculty member who agrees to direct the thesis.

Rationale: These revised statements for the honors programs reflect the proposed new concentrations

DEPARTMENT OF THEATRE
(THEA) Theatre

REVISE REQUIREMENTS

Theatre Major, BA

Prerequisites:

Select one course:

- THEA 100 – Introduction to Theatre
- THEA 107 – Honors: Introduction to Theatre

Select one course:

- ENGL 206 – Introduction to Shakespeare
- ENGL 248 – Honors: Introduction to Drama
- ENGL 252 – Introduction to Drama

Rationale: Currently, our students have a prerequisite focused on the production of theatre. We believe that a literary introduction to theatre would benefit the students as they begin the program. Many of our majors already take these courses. We have pushed students towards them for years to fulfill the Humanities requirement in a way that supports their theatre education. Impact on other units: These courses are housed in the Department of English. That department has agreed to this proposal. Financial impact: None.

Requirements for Theatre Major

Term 1	Hours	Milestone Notes
ENGL 101 (or equivalent)*	3	Completion of at least 12 credit hours
Foreign Language (intermediate level)*	3	
Quantitative Reasoning Elective*	3	
Social Sciences*	3	
THEA 100* or THEA 107*	3	
Term 2		
ENGL 102 (or equivalent)*	3	ENGL 101*
Foreign Language (intermediate level)*	3	THEA 100* or THEA 107*
Quantitative Reasoning Elective*	3	
THEA 220	3	
THEA 242, THEA 252, or THEA 262	3	

Rationale: The same uTrack showcase is used for both the Theatre Major and the Theatre Major – Honors Concentration, and should include both the standard and the honors version of the Introduction to Theatre course. Impact on other units: None. Financial impact: None.

ADD PROGRAM

Theatre Major, BA – Acting Concentration

College Requirements

Arts and Sciences

Prerequisites:

Select One Course:

- THEA 100 – Introduction to Theatre
- THEA 107 – Honors Introduction to Theatre

Select One Course:

- ENGL 206 – Introduction to Shakespeare
- ENGL 248 – Honors Introduction to Drama
- ENGL 252 – Introduction to Drama

Concentration Requirements

The Theatre Department offers an acting concentration which consists of **37 hours**.

Complete:

- THEA 220 - Acting I
- THEA 221 – Acting II
- THEA 300 - Play Analysis
- THEA 320 – Advanced Acting I
- THEA 411 - Theatre History I
- THEA 412 - Theatre History II
- THEA 430 - Directing for the Stage
- THEA 490 - Professional Practices

Select two courses:

- THEA 242 - Fundamentals of Costume Design and Technology
- THEA 252 - Fundamentals of Scene Design and Technology
- THEA 262 - Fundamentals of Lighting Design and Technology

Select one course:

- THEA 330 - Stage Management
- THEA 340 - Costume Design I
- THEA 345 - Costume Construction
- THEA 355 - Scenic Design I
- THEA 362 - Lighting Design I
- THEA 373 - Introduction to Sound Design
- THEA 475 - Projection and Media Design

Select one course:

- THEA 323 – Stage Movement
- THEA 326 – Advanced Voice and Speech

Complete:

3 additional hours of theatre courses, numbered 300 and above, which may be in cognate areas approved by the department.

Requirements for Theatre Major - Acting Concentration

Term 1	Hours	Milestone Notes
ENGL 101 (or equivalent)*	3	Completion of at least 12 credit hours
Foreign Language (intermediate level)*	3	
Quantitative Reasoning Elective*	3	
Social Sciences*	3	
THEA 100* or THEA 107*	3	
Term 2		
ENGL 102 (or equivalent)*	3	ENGL 101*
Foreign Language (intermediate level)*	3	THEA 100* or THEA 107*
Quantitative Reasoning Elective*	3	
THEA 220	3	
THEA 242, THEA 252, or THEA 262	3	
Term 3		
Foreign Language or Elective	3	THEA 220
Natural Sciences Lab*	4	
THEA 221	3	
One additional course from THEA 242, THEA 252, or THEA 262	3	
Social Sciences*	3	
Term 4		
Foreign Language or Elective	3	One course from THEA 242, THEA 252, or THEA 262
Natural Sciences Lab (continuation of sequence)*	4	ENGL 102*
THEA 320 or 326	3	
One course from THEA 330, THEA 340, THEA 355, THEA 362, THEA 373	3	
THEA 300*	3	
Term 5		
ENGL 206, ENGL 248, or ENGL 252 *	3	Complete additional course from THEA 242, THEA 252, or THEA 262
Communicating Orally Elective*	3	THEA 300
THEA 411	3	
THEA 320 or 323	3	
[1]Electives	3	
Term 6		
THEA 412	3	Completion of at least 9 upper-division (300-400 level) hours
Non-US History*	3	
2Connections	3	
1Electives	6	
Term 7		
THEA 490	1	Completion of at least 24 total upper-division (300-400 level) hours
Non-US History* (continuation of Sequence)	3	
[2]Connections	3	
Global Challenges	3	
[1]Electives	5	
Term 8		
THEA 430	3	Completion of at least 42 total upper-division (300-400 level) hours

[1]Electives	12	
TOTAL (minimum)	**122**	

* Meets University General Education Requirement.
[1] All students must complete at least 42 upper-division (300-400 level) hours in order to receive a degree from the College of Arts & Sciences.
[2] The Connections requirement may be satisfied in one of three ways: (1) by completing 9 hours from one of the approved Connections packages, (2) by completing the requirements for a second major or minor, or (3) by completing 9 hours of study abroad coursework. All students must complete at least 42 upper-division (300-400 level) hours in order to receive a degree from the College of Arts & Sciences.

ADD PROGRAM

Theatre Major, BA – Design and Technology Concentration

College Requirements
Arts and Sciences
Prerequisites:
Select One Course:
- THEA 100 – Introduction to Theatre
- THEA 107 – Honors Introduction to Theatre

Select One Course:
- ENGL 206 – Introduction to Shakespeare
- ENGL 248 – Honors Introduction to Drama
- ENGL 252 – Introduction to Drama

Concentration Requirements
The Theatre Department offers a design and technology concentration which consists of 37 hours.
Complete:
- THEA 220 - Acting I
- THEA 300 - Play Analysis
- THEA 411 - Theatre History I
- THEA 412 - Theatre History II
- THEA 430 - Directing for the Stage
- THEA 490 - Professional Practices

Select two courses:
- THEA 242 - Fundamentals of Costume Design and Technology
- THEA 252 - Fundamentals of Scene Design and Technology
- THEA 262 - Fundamentals of Lighting Design and Technology

Select three Courses:
- THEA 330 – Stage Management
- THEA 340 – Costume Design I
- THEA 345 - Costume Construction
- THEA 355 – Scenic Design I
- THEA 362 – Lighting Design I
- THEA 373 – Sound Design I
- THEA 446 – Costume Patterning
- THEA 450 – Special Studies in Design and Technology
- THEA 464 – Computer Aided Drafting for the Theatre
- THEA 473 – Advanced Sound Design
- THEA 475 - Projection and Media Design
- THEA 484 – Photography for the Theatre

Complete:
- 3 hours of THEA 481 – Applied Theatre (1-2 credits)

Complete:
3 additional hours in courses numbered 200 and above which may be in cognate areas approved by the department.

Requirements for Theatre Major - Design and Technology Concentration

Term 1	Hours	Milestone Notes
ENGL 101 (or equivalent)*	3	Completion of at least 12 credit hours
Foreign Language (intermediate level)*	3	
Quantitative Reasoning Elective*	3	
Social Sciences*	3	
THEA 100* or THEA 107*	3	
Term 2		
ENGL 102 (or equivalent)*	3	ENGL 101*
Foreign Language (intermediate level)*	3	THEA 100* or THEA 107*
Quantitative Reasoning Elective*	3	

THEA 220	3	
THEA 242, THEA 252, or THEA 262	3	
Term 3		
Foreign Language or Elective	3	THEA 220
Natural Sciences Lab*	4	
Non-U.S. History*	3	
One additional course from THEA 242, THEA 252, or THEA 262	3	
Social Sciences*	3	
Term 4		
Foreign Language or Elective	3	One course from THEA 242, THEA 252, or THEA 262
Natural Sciences Lab (continuation of sequence)*	4	ENGL 102*
Non-U.S. History (continuation of sequence)*	3	
One course from THEA 330, THEA 340, THEA 355, THEA 362, THEA 373	3	
THEA 300*	3	
Term 5		
ENGL 206, ENGL 248, or ENGL 252 *	3	Complete additional course from THEA 242, THEA 252, or THEA 262
Communicating Orally Elective*	3	THEA 300
THEA 411	3	
[1]Electives	6	
Term 6		
THEA 412	3	Completion of at least 9 upper-division (300-400 level) hours
Theatre (major, 200-level or above)	3	
[2]Connections	3	
THEA 481	1	
[1]Electives	6	
Term 7		
THEA 430	3	Completion of at least 24 total upper-division (300-400 level) hours
THEA 490	1	
One course from THEA 330, THEA 340, THEA 345, THEA 355, THEA 362, THEA 373, THEA 446, THEA 450, THEA 464, THEA 473, THEA 475, THEA 484, THEA 542, THEA 547	3	
[2]Connections	3	
Global Challenges	3	
THEA 481	1	
Term 8		
One course from THEA 330, THEA 340, THEA 345, THEA 355, THEA 362, THEA 373, THEA 446, THEA 450, THEA 464, THEA 473, THEA 475, THEA 484, THEA 542, THEA 547	3	Completion of at least 42 total upper-division (300-400 level) hours
THEA 481	1	
[1]Electives	9	
TOTAL (minimum)	**120**	

* Meets University General Education Requirement.

[1] All students must complete at least 42 upper-division (300-400 level) hours in order to receive a degree from the College of Arts & Sciences.

[2] The Connections requirement may be satisfied in one of three ways: (1) by completing 9 hours from one of the approved Connections packages, (2) by completing the requirements for a second major or minor, or (3) by completing 9 hours of study abroad coursework. All students must complete at least 42 upper-division (300-400 level) hours in order to receive a degree from the College of Arts & Sciences.

Rationale: To be in-line with peer institutions and to help with recruitment and retention, we want to allow students the freedom to focus their education in two traditional areas of emphasis. The two new concentrations are created from existing courses so no new courses will be needed to support them. Impact on other units: None. Financial impact: None.

HASLAM COLLEGE OF BUSINESS
All changes effective fall 2017

COURSE CHANGES

(BUAD) Business Administration

ADD

BUAD 450 Service Learning: Diverse Community Issues and Application of Business Concepts (3) Designed to help students apply business concepts to social/community service challenges. Course will utilize an action-based learning approach which will allow students to engage in productive partnerships with community agencies, corporations, and social science organizations. Students will create and execute project benefitting the philanthropic cause of a corporate sponsor.
Registration Restriction(s): Permission of instructor; Majors in the Haslam College of Business; Minimum student level – 45 hours.

Rationale: Establishing course as permanent part of Marketing curriculum will develop college's core values of Integrity, Insight, Inclusion, and Impact. More specifically, the course will support the college's strategic goal of student engagement and success. Furthermore, businesses today have pivoted to include a strong corporate social responsibility culture which delivers initiatives that benefit society. Service learning makes academic study immediate and enhances professional, moral, and social development critical for business leadership. Impact on other units: None. Financial impact: 3 hour course will require one faculty member. Current faculty member has volunteered to create the course and teach. Current pay rate for Master's Level Adjunct Professor is $6000/semester, which should be somewhat offset by student enrollment.
Course is not tied to any specific major in the college; therefore, program learning outcome information not included.

DEPARTMENT OF BUSINESS ANALYTICS AND STATISTICS
(BAS) Business Analytics and Statistics

ADD

BAS 370S Search Engine Marketing: Paid Search Advertising Management and Optimization Strategies (3) Learn the fundamentals of creating, managing and optimizing an online marketing campaign in a hands-on class. In addition, the class will prepare students for two of the four Google AdWords Certification Exams. Students will learn by managing Google AdWords campaigns for a local non-profit. During the semester, they will work directly with an employee of the non-profit to help promote its services and fundraising initiatives via search advertising. Students will provide reports and presentations to the client and will see how their efforts make a direct impact on the non-profit organization and the community it serves.
(RE) Prerequisite(s): Statistics 201 or 207 or 251.
Comment(s): Course is intended for juniors or seniors in marketing or business analytics.
Registration Permission: Consent of instructor.

Rationale: BAS 370 has always had a "service learning" component, and the above proposal updates the course description of BAS 370, and changes the name to BAS 370S to make that more explicit. The S-subcommittee approved this course for an S-designation. Impact on other units: None. Financial Impact: None.

DEPARTMENT OF FINANCE
(FINC) Finance

ADD

FINC 450 Advanced Capital Budgeting (3) Application of capital budgeting techniques, including cash flow projections, risk analysis, capital rationing, and cost of capital estimation, to complex business situations. Course is designed to incorporate a greater understanding of capital budgeting across various business disciplines.
(RE) Prerequisite(s): 301 or 307 and 420 with grades of C or better.
Registration Restriction(s): Majors in the Haslam College of Business.

Rationale: Course designed to provide a more comprehensive treatment of capital budgeting across business disciplines. Course viewed as more appropriately suited for students seeking a collateral in finance (versus capstone finance course, FINC 455). Impact on other units: Course would replace FINC 455 for all collateral options: accounting, business analytics, and economics majors seeking collateral in finance; and marketing majors seeking collateral in resource management. Financial impact: None; enrollment in 455 will decrease, off-setting any needed resources for teaching this course.
Course is designed for students in other majors pursuing a Finance collateral; therefore, learning outcomes information not applicable.

DEPARTMENT OF MANAGEMENT
(ENT) Entrepreneurship

ADD

ENT 410S Leadership in Nonprofits and Social Entrepreneurship (3) This course introduces students to obstacles facing nonprofit organizations and start-ups, provides students the tools and concepts essential to address these obstacles, and challenges students to use these tools and their own value systems in making "real dollar" grants to local nonprofits. The pedagogy is a blend of case studies, online learning (a six-module MOOC from Stanford), and service-learning work. In the service-learning portion of the course, students evaluate proposals from area nonprofits and award grants provided by the Learning by Giving Foundation and local philanthropists.

Registration Restriction(s): Minimum of 45 completed credit hours.

Rationale: Reflects application for new "S" Experience Learning designation, which will help students identify courses with service learning content. The S-subcommittee approved this course for an S-designation. Impact on other units: None. Financial Impact: None.
Course is not tied to any particular major; therefore, no program learning outcomes pertain to this course.

(HRM) Human Resource Management

Program Learning Outcomes for the BSBA, Human Resource Management major
1. Students will be able to analyze the impact of the recruitment and selection process on organizational success.
2. Students will assess 1) effective employee performance, 2) strategies that will enable their organization to retain these employees, and 3) ways in which quality employees contribute to the overall success of the organization.

ADD

HRM 482 Employee and Labor Relations (3) Developing, implementing, and evaluating the workplace to enhance relationships and the working environment. Learning and reviewing employer/employee needs and rights that support the organization's goals and objectives.
(RE) Corequisite(s): 360.
Registration Restriction(s): Majors in the Haslam College of Business.

Rationale: Employee and labor relations are an integral part of human resources and offer a wide variety of job opportunities for the graduate. Critical in other HR roles and also involves the legal side of HR. Any HR professional needs these skills to be successful on the job and in working with employees. A class devoted to the employee relations skill set and the labor knowledge will enhance the students' knowledge and make them more marketable. Impact on other units: Replacing HRM 480 in the HRM major and HRM collateral. Financial impact: None; replacing HRM 480.
This class will support learning outcome #2. Change not prompted by assessment activities, but rather to make students more marketable.

ADD, REQUEST VARIABLE TITLE

HRM 495 Special Topics (3) Detailed study of a specialized area of human resource management. Topics vary by semester and include human resource consulting, global staffing and human capital management, and current topics in human resource management.
(RE) Corequisite(s): 360
Registration Restriction(s): Majors in the Haslam College of Business.
Comment(s): May be repeated for a maximum of 6 hours.

Rationale: Course will periodically be offered for use as a general elective. Will allow students to receive course credit for more project-oriented work (e.g., revising job descriptions or employee handbooks) for local organizations. Impact on other units: None. Financial impact: None.
Course could, depending on topic, potentially one or both of learning outcomes #1 and #2. Proposal not prompted by assessment activities.

TEXT AND PROGRAM CHANGES

DEPARTMENT OF ACCOUNTING AND INFORMATION MANAGEMENT

Program Learning Outcomes for the BSBA, Accounting Major
1. Students will understand major differences between US GAAP and IFRS.
2. Students will be able to construct documentation diagrams of an organizational business process manually and using documentation software, such as Visio.

REVISE REQUIREMENTS

Requirements for the Bachelor of Science in Business Administration – Accounting Major – Collateral Option

Term 3		
[7]ACCT 200 or ACCT 207	3	ACCT 200
[3]Arts and Humanities Elective*	3	MATH 125* or MATH 141*
ECON 213* or ECON 218*	3	
ENGL 255*, ENGL 257*, or ENGL 295*	3	
[5]Unrestricted Elective	3	
~~BUAD 200~~	~~1~~	
Term 4		
[3]Arts and Humanities Elective*	3	2.5 Cumulative GPA and completion of following courses with C or better: MATH 123*-MATH 125* or MATH 141*-MATH 142*; CMST 210* or CMST 240*; ENGL 255* or

		ENGL 295*; ACCT 200; ECON 211*; ECON 213*; STAT 201* or STAT 207*; MGT 201
BUAD 242	2	
[7]MGT 201	3	
[7]STAT 201* or STAT 207*	3	
[5]Unrestricted Elective	3	
[8] BUAD 200	1	
Term 5		
ACCT 301	3	BUAD 242
[7]BUAD 331, [7]BUAD 332	4	
BUAD 341, BUAD 342	4	
INMT 341 ~~[7]FINC 301~~	3	
[8] BUAD 300	1	
Term 6		
ACCT 311	3	2.5 cumulative GPA
[6] Collateral	3 ~~6~~	ACCT 301 with grade of B– or better
FINC 301 ~~INMT 341~~	3	
[5]Unrestricted Elective	2	
ACCT 431	3	
Term 7		
~~ACCT 321,~~ ACCT 411	3 ~~6~~	ACCT 311
Collateral	3	
BUAD 205 or ECON 305 or MGT 311 or PHIL 244* or PHIL 252*	3	INMT 341
BULW 301	2	
[7]BUAD 453	4	
Term 8		
~~ACCT 414 or ACCT 431~~ ACCT 321	3	No milestones
[6]Collateral ~~(or MAcc option)~~	3	
[8] BUAD 405	1	
[5, 6] Unrestricted Electives	8	
TOTAL	**120**	

Accounting Collateral Options

FINANCE – FINC 420, FINC 425, FINC 450 ~~FINC 455, and one of FINC 435, FINC 445, FINC 463, FINC 475, or FINC 485.~~

[6] Students who plan to enter the Master of Accountancy program will need to take ACCT 414 to fulfill three hours of electives. ACCT 414 is a prerequisite to the MAcc program. ~~In the spring of their Third Year, students normally make the decision whether to enter the job market upon graduation or apply to the Master of Accountancy program. ACCT 414 and ACCT 431 are both prerequisites to the MAcc program; therefore, students planning to enter the MAcc program should take ACCT 414 or ACCT 431 (whichever was not taken to satisfy the major requirement) instead of FINC 455 in the finance collateral, instead of INMT 442 or INMT 443 in the information management collateral, instead of SCM 411, SCM 412, SCM 413, or SCM 421 in the supply chain management collateral, and instead of three of the required nine hours in the international business collateral. Students admitted to Global Leadership Scholars who plan to enter the MAcc program should take both ACCT 414 and ACCT 431 and will still need to take the required nine hours in the international business collateral.~~

[7] Students admitted to Global Leadership Scholars will complete the honors versions of these courses: ACCT 207, BUAD 337, BUAD 338, BUAD 457, FINC 307, MGT 207, and STAT 207*.

[8] Students admitted to Global Leadership Scholars will not take these courses due to content being covered elsewhere in their curriculum.

Rationale: There will be more resources to teach BUAD 200 in the spring semester rather than in the fall. Footnote re: GLS students removes potential redundancy in their curriculum. Movement of Accounting major courses reflects more appropriate progression through major; move of INMT 341 to term 5 facilitates students' ability to complete INMT collateral without need to "double-up" on courses, and movement of ACCT 431 will allow students to make more informed decisions about internships. Removal of "MAcc" option path reflects college initiative to add three hours back to students' majors; accounting major is accomplishing this through requiring that students complete nine hours of their collateral (rather than substituting ACCT 414 for three of those nine hours, as has been the case until now). Students who intend to apply to the MAcc program should take ACCT 414 as part of their unrestricted electives. Change of Finance collateral reflects changes within that department. Impact on other units: None. Financial impact: None.

Changes not prompted by assessment activities - see above rationale.

REVISE PROGRAM NAME AND REQUIREMENTS

Accounting Major, BS in Business Administration – ~~Dual~~ Concentration with International Business

Requirements for the Bachelor of Science in Business Administration – Accounting Major – ~~Dual~~ Concentration with International Business

Term 3		
[5]ACCT 200 or ACCT 207	3	MATH 125* or MATH 141*
[3]Arts and Humanities Elective*	3	
ECON 213* or ECON 218*	3	
ENGL 255*, ENGL 257*, or ENGL 295*	3	
[6]Unrestricted Elective	3	
~~BUAD 200~~	~~1~~	
Term 4		
[3]Arts and Humanities Elective*	3	2.5 Cumulative GPA and completion of following courses with C or better: MATH 123*-MATH 125* or MATH 141*-MATH 142*; CMST 210* or CMST 240*; ENGL 255* or ENGL 295*; ACCT 200; ECON 211*; ECON 213*; STAT 201* or STAT 207*; MGT 201
BUAD 242	2	
[5]MGT 201 or MGT 207	3	
[5]STAT 201* or STAT 207*	3	
[6]Unrestricted Elective	3	
[8]BUAD 200	1	
Term 5		
ACCT 301	3	BUAD 242
[5]BUAD 331, [5]BUAD 332	4	
BUAD 341, BUAD 342	4	
INMT 341 ~~[5]FINC 301~~	3	
[8] BUAD 300	1	
Term 6		
ACCT 311	3	2.5 cumulative GPA
[7]International Business coursework	3	ACCT 301 with grade of B– or better
FINC 301 ~~INMT 341~~	3	BUAD 331, BUAD 332
[6]Unrestricted Electives	2 ~~5~~	
ACCT 431	3	
Term 8		
[7]International Business coursework	6	No milestones
[8] BUAD 405	1	
[6]Unrestricted Electives	8	
TOTAL	**120**	

[8] Students admitted to Global Leadership Scholars will not take these courses due to content being covered elsewhere in their curriculum.

Rationale: There will be more resources to teach BUAD 200 in the spring semester rather than the fall. Footnote re: GLS students removes potential redundancy in their curriculum. Movement of Accounting major courses reflects more appropriate progression through major. Impact on other units: None. Financial impact: None.
Changes not prompted by assessment activities – see above rationale.

ADD PROGRAM

Accounting Major, BS in Business Administration - Integrated Business and Engineering Program

The University of Tennessee has one of the leading accounting programs in the nation. The program emphasizes the conceptual and applied understanding of business information and prepares students for careers in accounting and business.

The faculty strongly encourages students who desire to become professional accountants, such as Certified Public Accountants (CPAs), to continue their formal education in UT's full-time, eleven-month Master of Accountancy (MAcc) program, which is described in the University's *Graduate Catalog*.

The primary objective of the 30 semester-hour MAcc program, which typically includes 24 graduate-level semester hours of accounting and 6 hours of business, is to prepare students for careers as professional accountants. MAcc students select a specialty area in (1) audit/controls or (2) information management or (3) taxation.

Taken together, the BS and MAcc programs provide graduates not only with two academic degrees, but also with the educational requirements to sit for the CPA and/or CISA exam as well as the academic preparation to begin successful careers as professional accountants. Most states, including Tennessee, require 150 semester hours of education to sit for the CPA exam. At UT, students may earn 120 semester hours in the undergraduate program and then 30 hours in the MAcc program, for a total of 150 semester hours. The accounting faculty strongly encourages MAcc students to take the CPA and CISA exams as soon as they qualify.

The UT undergraduate accounting program offers its majors an opportunity to participate in two full-time, highly-structured internship programs. The faculty strongly encourages accounting majors to participate in one or both programs. The first internship program (summer program) emphasizes internships in industry. The industry internship occurs during the summer between the student's third and fourth year. The second internship program (spring program) emphasizes internships with public accounting firms. Public accounting internships occur during the spring of the student's fourth year and are designed for those students who intend to enroll in UT's MAcc program. Both internship experiences are full-time and offer relevant work assignments and significant compensation.

The undergraduate accounting curriculum prepares students for entry into the MAcc program. If taken alone without the MAcc program, the four-year undergraduate curriculum helps prepare students for business careers in which accounting knowledge is particularly important, such as internal auditing.

The undergraduate accounting curriculum introduces students to the major functional areas of accounting (financial, managerial, etc.). The curriculum also requires students to choose a three-course collateral area in one of four areas that closely complement a career in accounting – finance, information management, international business, or supply chain management.

The UT accounting program has separate *accounting accreditation* from AACSB International and is one of the first accounting programs to have earned this designation. As an accredited program, the UT accounting program continuously meets or exceeds a rigorous set of international accreditation standards and is peer reviewed on a regular basis.

Accounting Major Progression Requirements

Students must earn the minimum B– grade in ACCT 301 to have access to higher-level accounting courses and continue in the major. Students not earning the required B– will have one additional attempt to continue in the major. The nature of the additional attempt will depend on the original grade earned in ACCT 301. Two situations exist:

1. Students earning a C– or less will be allowed to retake ACCT 301 one time to attempt earning the B– required to continue in the accounting major. Any student in this situation who does not attain the required B– on the second attempt may not take ACCT 301 a third time for purposes of continuing in the accounting major and may not take the comprehensive exam discussed in item 2.
2. Students earning a C or C+ on their first attempt in ACCT 301 can only meet the progression requirement by demonstrating competency through a one-time opportunity to take a comprehensive ACCT 301 exam. A score of B– or better (78) on this exam will allow a student to continue in the accounting major. The exam grade, however, will not change the ACCT 301 grade on the student's academic record. The exam will be offered and must be taken within 30 days of completing ACCT 301. An exam fee will be assessed to cover the cost of administering and scoring the exam.

uTrack Requirements (for students entering Fall 2013 or later)
Universal Tracking (uTrack) is an academic monitoring system designed to help students stay on track for timely graduation. In order to remain on track, students must complete the minimum requirements for each tracking semester, known as milestones. Milestones include successful completion of specified courses and/or attainment of a minimum GPA. uTrack requirements only affect full-time, degree-seeking students who first entered Fall 2013 or later. uTrack does not apply to transfer students who enter prior to Fall 2015.

Requirements for the Bachelor of Science in Business Administration – Accounting Major – Integrated Business and Engineering Program

Term 1	Hours	Milestone Notes
[1,2]ENGL 101* or ENGL 118*	3	2.5 cumulative GPA
[3]Intermediate Foreign Language*	3	
[4]MATH 123*, MATH 141*, or MATH 147*	3-4	
[3]Natural Sciences Electives*	3-4	
CMST 210*, CMST 217*, CMST 240*, or CMST 247*	3	
BUAD 100	1	
Term 2		
[1,2]ENGL 102*	3	2.5 cumulative GPA
[3]Intermediate Foreign Language*	3	
[4]MATH 125*, MATH 142* or MATH 148*	3-4	
[3]Natural Sciences Electives*	3-4	
ECON 211* or ECON 217*	3	
Term 3		
ACCT 200 or ACCT 207	3	MATH 125* or MATH 141*
[3]Arts and Humanities Elective*	3	
ECON 213* or ECON 218*	3	
ENGL 255*, ENGL 257*, or ENGL 295*	3	
[5]Unrestricted Elective	3	
EF 203	3	
Term 4		
[3]Arts and Humanities Elective*	3	2.5 Cumulative GPA and completion of following courses

		with C or better: MATH 123*-MATH 125* or MATH 141*-MATH 142*; CMST 210* or CMST 240*; ENGL 255* or ENGL 295*; ACCT 200; ECON 211*; ECON 213*; STAT 201* or STAT 207*; MGT 201
BUAD 242	2	
MGT 201 or MGT 207	3	
STAT 201* or STAT 207*	3	
[5]Unrestricted Elective	3	
BUAD 200	1	
Term 5		
ACCT 301	3	BUAD 242
BUAD 331, BUAD 332	4	
BUAD 341, BUAD 342	4	
INMT 341	3	
BUAD 300	1	
Term 6		
ACCT 311	3	2.5 cumulative GPA
BUAD 399	3	ACCT 301 with grade of B– or better
FINC 301	3	BUAD 331, BUAD 332
[5]Unrestricted Electives	2	
ACCT 431	3	
Term 7		
ACCT 321	3	ACCT 311
BUAD 205 or ECON 305 or MGT 311 or PHIL 244* or PHIL 252*	3	INMT 341
BULW 301	2	
BUAD 499	3	
BUAD 453	4	
Term 8		
BUAD 499	3	No milestones
BUAD 405	1	
[5]Unrestricted Electives	8	
TOTAL	**120**	

* Meets University General Education Requirement.
[1] Must be completed by the end of the First Year.
[2] Students who complete ENGL 118* with a grade of A or B will complete their first year composition requirement by choosing ENGL 102*, a sophomore-level course in the English department, or ENGL 355*. If the sophomore-level English course appears on the Arts and Humanities list, the course may also be counted toward the Arts and Humanities requirement.
[3] Chosen from the University General Education list.
[4] MATH 125* or MATH 141* or MATH 152* are prerequisites for STAT 201*, which is taken during the second semester of the Second Year. As a result, either MATH 125* or MATH 141* or MATH 152* must be completed by the end of the first semester of the Second Year.
[5] Any courses not already required for the major.

DEPARTMENT OF BUSINESS ANALYTICS AND STATISTICS

Program Learning Outcomes for the BSBA, Business Analytics Major
1. Students will be able to identify the necessary data to use and perform the proper analysis to address an important business question.
2. Students will be able to clearly and effectively present (in writing) the results of their own data analysis conducted to address an important business question in business language for a general manager.

REVISE REQUIREMENTS

Requirements for the Bachelor of Science in Business Administration – Business Analytics Major – Collateral Option

Term 3		
ACCT 200 or ACCT 207	3	MATH 125* or MATH 141*
[3]Arts and Humanities Elective*	3	
ECON 213* or ECON 218*	3	
ENGL 255*, ENGL 257*, or ENGL 295*	3	
[5]Unrestricted Elective	3	
~~BUAD 200~~	~~1~~	
Term 4		

[3]Arts and Humanities Elective*	3	2.5 Cumulative GPA and completion of following courses with C or better: MATH 123*-MATH 125* or MATH 141*-MATH 142*; CMST 210* or CMST 240*; ENGL 255* or ENGL 295*; ACCT 200; ECON 211*; ECON 213*; STAT 201* or STAT 207*; MGT 201*
BUAD 242	2	
MGT 201	3	
STAT 201* or STAT 207*	3	
[5]Unrestricted Elective	3	
BUAD 200	1	
Term 6		
[6]Business Analytics Electives	6 ~~3~~	2.5 cumulative GPA
Collateral	3	BAS 320
INMT 342	3	
[5]Unrestricted Electives	5 ~~8~~	

Business Analytics Collateral Options
FINANCE – FINC 425; and one of FINC 435, FINC 445, FINC 450 ~~FINC 455~~, FINC 463, FINC 475, FINC 485.
[6] Select one ~~two~~ course~~s~~ from BAS 310, BAS 340, BAS 370; and two courses from BAS 471, BAS 454, BAS 475.

Rationale: Based on other changes to curriculum in the Haslam College of Business, each major is being given "three hours back to the major," or, one three-hour course. Prior to this, in previous catalog changes, we required BAS majors to take INMT 342 by dropping the number of Business Analytics electives from 3 to 2 courses. We wish to increase the number of BAS elective courses from the current 2 courses back to the original 3 courses. Additionally, requiring that 2 of these 3 courses be at the 400-level will increase the overall rigor of the major. Impact on other units: None. Financial impact: None.

REVISE PROGRAM NAME AND REQUIREMENTS

Business Analytics Major, BS in Business Administration – ~~Dual~~ Concentration with Information Management

Requirements for the Bachelor of Science in Business Administration – Business Analytics Major – ~~Dual~~ Concentration with Information Management

Term 3		
ACCT 200 or ACCT 207	3	MATH 125* or MATH 141*
[3]Arts and Humanities Elective*	3	
ECON 213* or ECON 218*	3	
ENGL 255*, ENGL 257*, or ENGL 295*	3	
[5]Unrestricted Elective	3	
~~BUAD 200~~	~~1~~	
Term 4		
[3]Arts and Humanities Elective*	3	2.5 Cumulative GPA and completion of following courses with C or better: MATH 123*-MATH 125* or MATH 141*-MATH 142*; CMST 210* or CMST 240*; ENGL 255* or ENGL 295*; ACCT 200; ECON 211*; ECON 213*; STAT 201* or STAT 207*; MGT 201*
BUAD 242	2	
MGT 201	3	
STAT 201* or STAT 207*	3	
[5]Unrestricted Elective	3	
BUAD 200	1	
Term 7		
BULW 301	2	No milestones
BAS 310 or BAS 340 or BAS 454 or BAS 471 or BAS 475	3	
INMT 443	3	
BAS 474	3	
BUAD 453	4	
Term 8		
INMT 442	3	No milestones
BAS 479	3	
BAS 310 or BAS 340 or BAS 454 or BAS 471 or BAS 475	3	
[5]Unrestricted Electives	5 ~~8~~	
BUAD 405	1	

TOTAL	**120**	

Rationale: Based on other changes to curriculum in the Haslam College of Business, each major with a concentration option has gone from 12 hours to 15 hours of required coursework. In our other concentration options (International Business, Marketing, and Supply Chain Management), we added the requirement of INMT 342 to bring these majors up to 15 hours of BAS coursework. However, Informational Management concentration students are already required to take INMT 342 as part of the 12 hours necessary to satisfy their concentration. Adding an additional BAS elective (ideally in their 8th term, where there are 8 hours of unrestricted electives), brings these majors up to 15 hours of BAS coursework. Impact on other units: None. Financial Impact: None. In December 2015, there were only 8 students declared to be BAS majors with a concentration in Information Management.

REVISE PROGRAM NAME AND REQUIREMENTS

Business Analytics Major, BS in Business Administration – ~~Dual~~ Concentration with International Business

Requirements for the Bachelor of Science in Business Administration – Business Analytics Major – ~~Dual~~ Concentration with International Business

Term 3		
[5]ACCT 200 or ACCT 207	3	MATH 125* or MATH 141*
[3]Arts and Humanities Elective*	3	
ECON 213* or ECON 218*	3	
ENGL 255*, ENGL 257*, or ENGL 295*	3	
[6]Unrestricted Elective	3	
~~BUAD 200~~	~~1~~	
Term 4		
[3]Arts and Humanities Elective*	3	2.5 Cumulative GPA and completion of following courses with C or better: MATH 123*-MATH 125* or MATH 141*-MATH 142*; CMST 210* or CMST 240*; ENGL 255* or ENGL 295*; ACCT 200; ECON 211*; ECON 213*; STAT 201* or STAT 207*; MGT 201*
BUAD 242	2	
[5]MGT 201 or MGT 207	3	
[5]STAT 201* or STAT 207*	3	
[6]Unrestricted Elective	3	
[8]BUAD 200	1	
Term 5		
[5]BUAD 331, [5]BUAD 332	4	BUAD 242
BUAD 341, BUAD 342	4	
[5]FINC 301	3	
BAS 320	3	
[8] BUAD 300	1	
Term 6		
BUAD 205 or ECON 305 or MGT 311 or PHIL 244* or PHIL 252*	3	2.5 cumulative GPA
BULW 301	2	BUAD 331, BUAD 332
BAS 310 or BAS 340 or BAS 454 or BAS 471 or BAS 475 ~~or INMT 342~~	3	BAS 320
INMT 342	3	
[6]Unrestricted Elective~~s~~	3 ~~6~~	
Term 8		
[7]International Business coursework	6	No milestones
~~BAS 471 or~~ BAS 479	3	
[6]Unrestricted Electives	5	
[8] BUAD 405	1	
TOTAL	**120**	

[8] Students admitted to Global Leadership Scholars will not take these courses due to content being covered elsewhere in their curriculum.

Rationale: Based on other changes to curriculum in the Haslam College of Business, each major with a concentration option has gone from 12 hours to 15 hours of required coursework. The addition of INMT 342 as a required course for BAS majors, concentration option, addresses a deficiency in our program that many employers of our students have expressed. Adding this requirement for these students will ensure that all BAS majors will have had INMT 342 by the time they take (in their 8th term) BAS 479 – Capstone for Business Analytics, which has INMT 342 among its prerequisites. Also, requiring this course in the 6th term will expose these students to "data query" concepts prior to any potential internship experience between their junior and senior year. These skills could be very valuable on a Business Analytics internship experience. Impact on Other Units: An additional section of

INMT 342 might be needed in the future to accommodate future demand for this course. Conversations with faculty in the Accounting and Information Management department have been ongoing regarding this change. They are not only aware of this change, but welcome it, and are prepared to meet the increased demand. Financial Impact: The increase in demand for INMT might require an additional section of this course be offered in the near future, which could result in additional costs to the college. This proposal supports learning outcome #1; students will be able to identify the correct tool to use to solve a particular business problem. Prior to using data to employ any statistical tool, the data must be present. If the right data can't be retrieved from a data "warehouse," no analysis can take place. So, many times, the correct tool is, initially, data query. Adding training on SQL will add an important tool to the students' "toolbox." Assessment activities were not responsible for deciding to implement this change, but, as noted above, this change should support program learning outcomes.

REVISE PROGRAM NAME AND REQUIREMENTS

Business Analytics Major, BS in Business Administration – ~~Dual~~ Concentration with Marketing

Requirements for the Bachelor of Science in Business Administration – Business Analytics Major – ~~Dual~~ Concentration with Marketing

Term 3		
ACCT 200 or ACCT 207	3	MATH 125* or MATH 141*
[3]Arts and Humanities Elective*	3	
ECON 213* or ECON 218*	3	
ENGL 255*, ENGL 257*, or ENGL 295*	3	
[5]Unrestricted Elective	3	
~~BUAD 200~~	~~1~~	
Term 4		
[3]Arts and Humanities Elective*	3	2.5 Cumulative GPA and completion of following courses with C or better: MATH 123*-MATH 125* or MATH 141*-MATH 142*; CMST 210* or CMST 240*; ENGL 255* or ENGL 295*; ACCT 200; ECON 211*; ECON 213*; STAT 201* or STAT 207*; MGT 201*
BUAD 242	2	
MGT 201	3	
STAT 201* or STAT 207*	3	
[5]Unrestricted Elective	3	
BUAD 200	1	
Term 6		
BUAD 205 or ECON 305 or MGT 311 or PHIL 244* or PHIL 252*	3	2.5 cumulative GPA
MARK 350, MARK 360	6	BUAD 331, BUAD 332
INMT 342	3	
[5]Unrestricted Elective~~s~~	3 ~~6~~	BAS 320
Term 8		
MARK 460	3	No milestones
BAS 310 or BAS 340 or BAS 370 or BAS 454 or BAS 471 or BAS 475 ~~or INMT 342~~	3	
~~BAS 471 or~~ BAS 479	3	
[5]Unrestricted Electives	5	
BUAD 405	1	
TOTAL	**120**	

Rationale: Based on other changes to curriculum in the Haslam College of Business, each major with a concentration option has gone from 12 hours to 15 hours of required coursework. The addition of INMT 342 as a required course for BAS majors, concentration option, addresses a deficiency in our program that many employers of our students have expressed. Adding this requirement for these students will ensure that all BAS majors will have had INMT 342 by the time they take (in their 8th term) BAS 479 – Capstone for Business Analytics, which has INMT 342 among its prerequisites. Also, requiring this course in the 6th term will expose these students to "data query" concepts prior to any potential internship experience between their junior and senior year. These skills could be very valuable on a Business Analytics internship experience. Impact on Other Units: An additional section of INMT 342 might be needed in the future to accommodate future demand for this course. Conversations with faculty in the Accounting and Information Management department have been ongoing regarding this change. They are not only aware of this change, but welcome it, and are prepared to meet the increased demand. Financial Impact: The increase in demand for INMT might require an additional section of this course be offered in the near future, which could result in additional costs to the college. This proposal supports learning outcome #1; students will be able to identify the correct tool to use to solve a particular business problem. Prior to using data to employ any statistical tool, the data must be present. If the right data can't be retrieved from a data "warehouse," no analysis can take place. So, many times, the correct tool is, initially, data query. Adding training on SQL will add an important tool to the students' "toolbox." Assessment activities were not responsible for deciding to implement this change, but, as noted above, this change should support program learning outcomes.

REVISE PROGRAM NAME AND REQUIREMENTS

Business Analytics Major, BS in Business Administration – ~~Dual~~ Concentration with Supply Chain Management

Requirements for the Bachelor of Science in Business Administration – Business Analytics Major – ~~Dual~~ Concentration with Supply Chain Management

Term 3		
ACCT 200 or ACCT 207	3	MATH 125* or MATH 141*
[3]Arts and Humanities Elective*	3	
ECON 213* or ECON 218*	3	
ENGL 255*, ENGL 257*, or ENGL 295*	3	
[5]Unrestricted Elective	3	
~~BUAD 200~~	~~1~~	
Term 4		
[3]Arts and Humanities Elective*	3	2.5 Cumulative GPA and completion of following courses with C or better: MATH 123*-MATH 125* or MATH 141*-MATH 142*; CMST 210* or CMST 240*; ENGL 255* or ENGL 295*; ACCT 200; ECON 211*; ECON 213*; STAT 201* or STAT 207*; MGT 201*
BUAD 242	2	
MGT 201	3	
STAT 201* or STAT 207*	3	
[5]Unrestricted Elective	3	
BUAD 200	1	
Term 6		
SCM 311, SCM 312	6	2.5 cumulative GPA
BAS 310 or BAS 340 or BAS 454 or BAS 471 or BAS 475 ~~or INMT 342~~	3	
INMT 342	3	
[5]Unrestricted Elective~~s~~	3 ~~6~~	BAS 320
Term 8		
Two of SCM 411 or SCM 412 or SCM 413 or SCM 421 or SCM 422	6	No milestones
~~BAS 471 or~~ BAS 479	3	
[5]Unrestricted Electives	5	
BUAD 405	1	
TOTAL	**120**	

Rationale: Based on other changes to curriculum in the Haslam College of Business, each major with a concentration option has gone from 12 hours to 15 hours of required coursework. The addition of INMT 342 as a required course for BAS majors, concentration option, addresses a deficiency in our program that many employers of our students have expressed. Adding this requirement for these students will ensure that all BAS majors will have had INMT 342 by the time they take (in their 8th term) BAS 479 – Capstone for Business Analytics, which has INMT 342 among its prerequisites. Also, requiring this course in the 6th term will expose these students to "data query" concepts prior to any potential internship experience between their junior and senior year. These skills could be very valuable on a Business Analytics internship experience. Impact on Other Units: An additional section of INMT 342 might be needed in the future to accommodate future demand for this course. Conversations with faculty in the Accounting and Information Management department have been ongoing regarding this change. They are not only aware of this change, but welcome it, and are prepared to meet the increased demand. Financial Impact: The increase in demand for INMT might require an additional section of this course be offered in the near future, which could result in additional costs to the college. This proposal supports learning outcome #1; students will be able to identify the correct tool to use to solve a particular business problem. Prior to using data to employ any statistical tool, the data must be present. If the right data can't be retrieved from a data "warehouse," no analysis can take place. So, many times, the correct tool is, initially, data query. Adding training on SQL will add an important tool to the students' "toolbox." Assessment activities were not responsible for deciding to implement this change, but, as noted above, this change should support program learning outcomes.

ADD PROGRAM

Business Analytics Major, BS in Business Administration - Integrated Business and Engineering Program

The degree in Business Analytics is designed to prepare students for a career in business analytics by developing their business knowledge, their technical skills and their communication skills. A McKinsey Global Institute report predicts that by 2018 the US will need 1.5 million managers with these skills.

Business analytics involves the use of data analysis and computer models to make better business decisions. Organizations use business analytics to answer strategic questions such as (1) which products and services that we provide are most profitable (2)

who are our most profitable customers and (3) where should we locate our retail outlets and our distribution centers. Business analytics are also used for tactical decisions in optimizing an organization's day-to-day operations, marketing, purchasing and pricing decisions.

Banks, credit card companies and insurance companies use business analytics to predict the profitability of potential customers and to offer better deals to the more profitable customers. Online vendors use business analytics to make recommendations to customers. Manufacturers use business analytics to optimize the location of their distribution centers and to optimally manage the movement of products through their supply chain. Retailers use business analytics to grow their revenues through customer loyalty programs. Sports teams have used business analytics to gain a competitive advantage in selecting players and in making tactical decisions on the field.

Business analytics is transforming the way traditional businesses make decisions. It is also the critical element in an entire industry of internet companies that provides services, search capabilities and social networking. These companies use business analytics to glean marketable insights from the massive amounts of data that they collect from their users.

The Business Analytics program also provides students the background to gain industry certifications in commercial software for data analysis and tools used for optimizing online sales and advertising. This further enhances students' job opportunities. Students who major in Business Analytics need quantitative skills, interpersonal skills, an interest in business and a desire to be a pioneer in a rapidly growing new field.

uTrack Requirements (for students entering Fall 2013 or later)
Universal Tracking (uTrack) is an academic monitoring system designed to help students stay on track for timely graduation. In order to remain on track, students must complete the minimum requirements for each tracking semester, known as milestones. Milestones include successful completion of specified courses and/or attainment of a minimum GPA. uTrack requirements only affect full-time, degree-seeking students who first entered Fall 2013 or later. uTrack does not apply to transfer students who enter prior to Fall 2015.

Requirements for the Bachelor of Science in Business Administration – Business Analytics Major – Integrated Business and Engineering Program

Term 1	Hours	Milestone Notes
[1,2]ENGL 101* or ENGL 118*	3	2.5 cumulative GPA
[3]Intermediate Foreign Language*	3	
[4]MATH 123*, MATH 141*, or MATH 147*	3-4	
[3]Natural Sciences Electives*	3-4	
CMST 210*, CMST 217*, CMST 240*, or CMST 247*	3	
BUAD 100	1	
Term 2		
[1,2]ENGL 102*	3	2.5 cumulative GPA
[3]Intermediate Foreign Language*	3	
[4]MATH 125*, MATH 142* or MATH 148*	3-4	
[3]Natural Sciences Electives*	3-4	
ECON 211* or ECON 217*	3	
Term 3		
ACCT 200 or ACCT 207	3	MATH 125* or MATH 141*
[3]Arts and Humanities Elective*	3	
ECON 213* or ECON 218*	3	
ENGL 255*, ENGL 257*, or ENGL 295*	3	
EF 203	3	
Term 4		
[3]Arts and Humanities Elective*	3	2.5 Cumulative GPA and completion of following courses with C or better: MATH 123*-MATH 125* or MATH 141*-MATH 142*; CMST 210* or CMST 240*; ENGL 255* or ENGL 295*; ACCT 200; ECON 211*; ECON 213*; STAT 201* or STAT 207*; MGT 201*
BUAD 242	2	
MGT 201 or MGT 207	3	
STAT 201* or STAT 207*	3	
[5]Unrestricted Elective	3	
BUAD 200	1	
Term 5		
BUAD 331, BUAD 332	4	BUAD 242
BUAD 341, BUAD 342	4	
FINC 301	3	
BAS 320	3	

BUAD 300	1	
Term 6		
BUAD 205 or ECON 305 or MGT 311 or PHIL 244* or PHIL 252*	3	2.5 cumulative GPA
BULW 301	2	BUAD 331, BUAD 332
BAS 310 or BAS 340 or BAS 454 or BAS 471 or BAS 475	3	BAS 320
INMT 342	3	
BUAD 399	3	
Term 7		
BUAD 499	3	No milestones
BAS 474	3	
[5]Unrestricted Electives	5	
BUAD 453	4	
Term 8		
BUAD 499	3	No milestones
BAS 479	3	
[5]Unrestricted Electives	8	
BUAD 405	1	
TOTAL	**120**	

* Meets University General Education Requirement.
[1] Must be completed by the end of the First Year.
[2] Students who complete ENGL 118* with a grade of A or B will complete their English composition requirement by choosing ENGL 102*, a sophomore-level course in the English department, or ENGL 355*. If the sophomore-level English course appears on the Arts and Humanities list, the course may also be counted toward the Arts and Humanities requirement.
[3] Chosen from the University General Education list.
[4] MATH 125* or MATH 141* or MATH 152* are prerequisites for STAT 201*, which is taken during the second semester of the Second Year. As a result, either MATH 125* or MATH 141* or MATH 152* must be completed by the end of the first semester of the Second Year.
[5] Any courses not already required for the major.

DEPARTMENT OF ECONOMICS

Program Learning Outcomes for the BSBA, Economics Major
1. Students will be to explain how a change in market fundamentals affects predicted market outcomes.
2. Students will be able to identify a monetary versus fiscal policy action. They will be able to explain impacts of each policy action upon GDP, employment/unemployment, and inflation.

REVISE TEXT

Economics Major (Business Administration), BS in Business Administration – Collateral Option

The economics major provides an opportunity to apply the theoretical and analytical rigor of basic managerial and macroeconomic tools to contemporary issues in economics and business. Students choose from a traditional option (24 hours in economics), a collateral option (complementary coursework in finance, mathematics, or statistics), or a ~~dual~~ concentration in international business. Electives, as well as major coursework under the traditional option, consider topics such as business/industrial organization and public finance, as well as international, quantitative, monetary, regional/urban, environmental, labor, and health economics. Majors pursue careers in the traditional business disciplines, consulting, all levels of government service, and a variety of other fields. The program provides excellent training for graduate work in economics, business, public policy, and law. Students planning to pursue graduate study in economics should elect the quantitative economics and mathematics collateral option

REVISE REQUIREMENTS

Requirements for the Bachelor of Science in Business Administration – Economics Major – Collateral Option

Term 3		
ACCT 200 or ACCT 207	3	MATH 125* or MATH 141*
[3]Arts and Humanities Elective*	3	
ECON 213* or ECON 218*	3	
ENGL 255*, ENGL 257*, or ENGL 295*	3	
[5]Unrestricted Elective	3	
~~BUAD 200~~	~~1~~	
Term 4		
[3]Arts and Humanities Elective*	3	2.5 Cumulative GPA and completion of following courses with C or better: MATH 123*-MATH 125* or MATH 141*-MATH 142*; CMST 210* or CMST 240*; ENGL 255* or

		ENGL 295*; ACCT 200; ECON 211*; ECON 213*; STAT 201* or STAT 207*; MGT 201
BUAD 242	2	
MGT 201	3	
STAT 201* or STAT 207*	3	
[5]Unrestricted Elective	3	
BUAD 200	1	
Term 8		
Collateral	3	No milestones
[6]Economics Elective (400-level)	3	
[6]Economics 381 or Economics Elective (400-level)	3	
[5]Unrestricted Electives	5 ~~8~~	
BUAD 405	1	
TOTAL	**120**	

Economics Collateral Options
BUSINESS ANALYTICS – BAS 475, one of BAS 454~~,~~ or 471 ~~BAS 474.~~.
FINANCE - FINC 425 (FINC 420 ~~ACCT 301~~ corequisite); one of FINC 435 (FINC 420 ~~ACCT 301~~ prerequisite), FINC 450 ~~FINC 455~~.
~~MANAGEMENT - MGT 430, MGT 435 (MGT 331 prerequisite).~~
LEADERSHIP – MGT 331, and one of: ENT 410, ENT 460, MGT 336, MGT 440, or MGT 499

Rationale: Proposal follows college's initiative to add 3 hours "back" to the majors, following previous curriculum changes in the 2016 catalog. Will give students more depth in major, making them better prepared for the job market, graduate and professional school, and other goals. Addition of leadership collateral in place of management collateral reflects department's acceptance of that collateral. With regard to changes in BAS collateral, changes have taken place in the BAS 474 course that have shifted the software used from SAS to "R." One of the prerequisites to BAS 474 is BAS 320, where students get their initial exposure to R. Without taking BAS 320, Economics majors will be unprepared to use the software now used in BAS 474. Additionally, it was decided that Data Mining may not be the best choice for an Economics major that will only take two BAS courses. Upon reviewing the possible options with the faculty of the Department of Business Analytics and Statistics, it was determined that a more appropriate course than Data Mining would be BAS 475, Time Series Analysis. Additionally, giving such Economics students some flexibility in the remaining 3 hours was viewed as a positive change. In addition to BAS 454 (a SAS Business Analytics Certification Exam prep class), BAS 471 (Statistical Methods) is a good option for Economics majors that choose a collateral to Business Analytics. Impact on other units: Prerequisites of three BAS courses modified to accommodate this change. Change to leadership collateral coordinated by Management department. Financial impact: None.
Official assessment of program learning objectives did not prompt this recommendation, but it is consistent with feedback from the Economics Advisory Committee on the value of additional depth in the major.

REVISE PROGRAM NAME, TEXT, AND REQUIREMENTS

Economics Major (Business Administration), BS in Business Administration – ~~Dual~~ Concentration with International Business

The economics major provides an opportunity to apply the theoretical and analytical rigor of basic managerial and macroeconomic tools to contemporary issues in economics and business. Students choose from a traditional option (24 hours in economics), a collateral option (complementary coursework in finance, mathematics, or statistics), or a ~~dual~~ concentration in international business. Electives, as well as major coursework under the traditional option, consider topics such as business/industrial organization and public finance, as well as international, quantitative, monetary, regional/urban, environmental, labor, and health economics. Majors pursue careers in the traditional business disciplines, consulting, all levels of government service, and a variety of other fields. The program provides excellent training for graduate work in economics, business, public policy, and law. Students planning to pursue graduate study in economics should elect the quantitative economics and mathematics collateral option.

Requirements for the Bachelor of Science in Business Administration – Economics Major – ~~Dual~~ Concentration with International Business

Term 3		
[5]ACCT 200 or ACCT 207	3	ACCT 200
[3]Arts and Humanities Elective*	3	MATH 125* or MATH 141*
ECON 213* or ECON 218*	3	
ENGL 255*, ENGL 257*, or ENGL 295*	3	
[6]Unrestricted Elective	3	
~~BUAD 200~~	~~1~~	
Term 4		
[3]Arts and Humanities Elective*	3	2.5 Cumulative GPA and completion of following courses with C or better: MATH 123*-MATH 125* or MATH 141*-MATH 142*; CMST 210* or CMST 240*; ENGL 255* or ENGL 295*; ACCT 200; ECON 211*; ECON 213*; STAT 201* or STAT 207*; MGT 201
BUAD 242	2	

[5]MGT 201 or MGT 207	3	
[5]STAT 201* or STAT 207*	3	
[6]Unrestricted Elective	3	
[8]BUAD 200	1	
Term 5		
[5]BUAD 331, [5]BUAD 332	4	BUAD 242
BUAD 341, BUAD 342	4	
ECON 311	3	
[5]FINC 301	3	
[6]Unrestricted Elective	1	
[8] BUAD 300	1	
Term 8		
Economics Elective (400-level)	3	No milestones
[7]International Business coursework	6	
Economics 381 or Economics Elective (400-level)	3	
~~[6]Unrestricted Elective~~	~~3~~	
[8] BUAD 405	1	
TOTAL	**120**	

[8] Students admitted to Global Leadership Scholars will not take these courses due to content being covered elsewhere in their curriculum.

Rationale: Proposal follows college's initiative to add 3 hours "back" to the majors, following previous curriculum changes in the 2016 catalog. Will give students more depth in major, making them better prepared for the job market, graduate and professional school, and other goals. Impact on other units: None. Financial impact: None.
Official assessment of program learning objectives did not prompt this recommendation, but it is consistent with feedback from the Economics Advisory Committee on the value of additional depth in the major.

REVISE TEXT

Economics Major (Business Administration), BS in Business Administration – Traditional Option

The economics major provides an opportunity to apply the theoretical and analytical rigor of basic managerial and macroeconomic tools to contemporary issues in economics and business. Students choose from a traditional option (24 hours in economics), a collateral option (complementary coursework in finance, mathematics, or statistics), or a ~~dual~~ concentration in international business. Electives, as well as major coursework under the traditional option, consider topics such as business/industrial organization and public finance, as well as international, quantitative, monetary, regional/urban, environmental, labor, and health economics. Majors pursue careers in the traditional business disciplines, consulting, all levels of government service, and a variety of other fields. The program provides excellent training for graduate work in economics, business, public policy, and law. Students planning to pursue graduate study in economics should elect the quantitative economics and mathematics collateral option.

REVISE REQUIREMENTS

Requirements for the Bachelor of Science in Business Administration – Economics Major – Traditional Option

Term 3		
ACCT 200 or ACCT 207	3	MATH 125* or MATH 141*
[3]Arts and Humanities Elective*	3	
ECON 213* or ECON 218*	3	
ENGL 255*, ENGL 257*, or ENGL 295*	3	
[5]Unrestricted Elective	3	
~~BUAD 200~~	~~1~~	
Term 4		
[3]Arts and Humanities Elective*	3	2.5 Cumulative GPA and completion of following courses with C or better: MATH 123*-MATH 125* or MATH 141*-MATH 142*; CMST 210* or CMST 240*; ENGL 255* or ENGL 295*; ACCT 200; ECON 211*; ECON 213*; STAT 201* or STAT 207*; MGT 201
BUAD 242	2	
MGT 201	3	
STAT 201* or STAT 207*	3	
[5]Unrestricted Elective	3	
BUAD 200	1	
Term 8		
Economics Elective	3	No milestones
Economics Elective (400-level)	3	

[7]Economics 381 or Economics Elective (400-level)	3	
[5]Unrestricted Electives	5 ~~8~~	
BUAD 405	1	
TOTAL	**120**	

[7] Students pursuing the Quantitative Economics area of focus should take the additional 400-level Economics course option.

Rationale: Proposal follows college's initiative to add 3 hours "back" to the majors, following previous curriculum changes in the 2016 catalog. Will give students more depth in major, making them better prepared for the job market, graduate and professional school, and other goals. Impact on other units: None. Financial impact: None.
Official assessment of program learning objectives did not prompt this recommendation, but it is consistent with feedback from the Economics Advisory Committee on the value of additional depth in the major.

ADD PROGRAM

Economics Major (Business Administration), BS in Business Administration – Integrated Business and Engineering Program

The economics major provides an opportunity to apply the theoretical and analytical rigor of basic managerial and macroeconomic tools to contemporary issues in economics and business. Students choose from a traditional option (24 hours in economics), a collateral option (complementary coursework in finance, mathematics, or statistics), or a dual concentration in international business. Electives, as well as major coursework under the traditional option, consider topics such as business/industrial organization and public finance, as well as international, quantitative, monetary, regional/urban, environmental, labor, and health economics. Majors pursue careers in the traditional business disciplines, consulting, all levels of government service, and a variety of other fields. The program provides excellent training for graduate work in economics, business, public policy, and law. Students planning to pursue graduate study in economics should elect the quantitative economics and mathematics collateral option.

uTrack Requirements (for students entering Fall 2013 or later)
Universal Tracking (uTrack) is an academic monitoring system designed to help students stay on track for timely graduation. In order to remain on track, students must complete the minimum requirements for each tracking semester, known as milestones. Milestones include successful completion of specified courses and/or attainment of a minimum GPA. uTrack requirements only affect full-time, degree-seeking students who first entered Fall 2013 or later. uTrack does not apply to transfer students who enter prior to Fall 2015.

Requirements for the Bachelor of Science in Business Administration – Economics Major – Integrated Business and Engineering Program

Term 1	Hours	Milestone Notes
[1,2]ENGL 101* or ENGL 118*	3	2.5 cumulative GPA
[3]Intermediate Foreign Language*	3	
[4]MATH 123*, MATH 141*, or MATH 147*	3-4	
[3]Natural Sciences Electives*	3-4	
CMST 210*, CMST 217*, CMST 240*, or CMST 247*	3	
BUAD 100	1	
Term 2		
[1,2]ENGL 102*	3	2.5 cumulative GPA
[3]Intermediate Foreign Language*	3	
[4]MATH 125*, MATH 142* or MATH 148*	3-4	
[3]Natural Sciences Electives*	3-4	
ECON 211* or ECON 217*	3	
Term 3		
[5]ACCT 200 or ACCT 207	3	ACCT 200
[3]Arts and Humanities Elective*	3	MATH 125* or MATH 141*
ECON 213* or ECON 218*	3	
ENGL 255*, ENGL 257*, or ENGL 295*	3	
EF 203	3	
Term 4		
[3]Arts and Humanities Elective*	3	2.5 Cumulative GPA and completion of following courses with C or better: MATH 123*-MATH 125* or MATH 141*-MATH 142*; CMST 210* or CMST 240*; ENGL 255* or ENGL 295*; ACCT 200; ECON 211*; ECON 213*; STAT 201* or STAT 207*; MGT 201
BUAD 242	2	
MGT 201 or MGT 207	3	
STAT 201* or STAT 207*	3	
[5]Unrestricted Elective	3	

BUAD 200	1	
Term 5		
BUAD 331, BUAD 332	4	BUAD 242
BUAD 341, BUAD 342	4	
ECON 311	3	
FINC 301	3	
[5]Unrestricted Elective	1	
BUAD 300	1	
Term 6		
BUAD 205 or ECON 305 or MGT 311 or PHIL 244* or PHIL 252*	3	2.5 cumulative GPA
BULW 301	2	BUAD 331, BUAD 332
ECON 313	3	ECON 311
[5]Unrestricted Electives	3	
BUAD 399	3	
Term 7		
Economics Elective (300-400 level)	3	ECON 313
BUAD 499	3	
[5]Unrestricted Elective	3	
BUAD 453	4	
Term 8		
Economics Elective (400-level)	3	No milestones
BUAD 499	3	
Economics 381 or Economics Elective (400-level)	3	
[5]Unrestricted Elective	6	
BUAD 405	1	
TOTAL	**120**	

* Meets University General Education Requirement.
[1] Must be completed by the end of the First Year.
[2] Students who complete ENGL 118* with a grade of A or B will complete their first year composition requirement by choosing ENGL 102*, a sophomore-level course in the English department, or ENGL 355*. If the sophomore-level English course appears on the Arts and Humanities list, the course may also be counted toward the Arts and Humanities requirement.
[3] Chosen from the University General Education list.
[4] MATH 125* or MATH 141* or MATH 152* are prerequisites for STAT 201*, which is taken during the second semester of the Second Year. As a result, either MATH 125* or MATH 141* or MATH 152* must be completed by the end of the first semester of the Second Year.
[5] Any courses not already required for the major.

DEPARTMENT OF FINANCE

Program Learning Outcomes for the BSBA, Finance Major
1. Students will demonstrate mastery of these principles of finance: present value, future value, and net present value calculations, and make correct value maximizing choices based on an understanding of time value or money and capital budgeting resources.
2. Students will perform ex-post and ex-ante return and risk calculations and make correct choices based on an understanding of systematic risk, unsystematic risk, total risk, and total return concepts.

REVISE REQUIREMENTS

Requirements for the Bachelor of Science in Business Administration – Finance Major – Collateral Option

Term 3		
[7]ACCT 200 or ACCT 207	3	MATH 125* or MATH 141*
[3]Arts and Humanities Elective*	3	
ECON 213* or ECON 218*	3	
ENGL 255*, ENGL 257*, or ENGL 295*	3	
[5]Unrestricted Elective	3	
~~BUAD 200~~	~~1~~	
Term 4		
[3]Arts and Humanities Elective*	3	2.5 Cumulative GPA and completion of following courses with C or better: MATH 123*-MATH 125* or MATH 141*-MATH 142*; CMST 210* or CMST 240*; ENGL 255* or ENGL 295*; ACCT 200; ECON 211*; ECON 213*; STAT 201* or STAT 207*; MGT 201
BUAD 242	2	

[7]MGT 201	3	
[7]STAT 201* or STAT 207*	3	
[5]Unrestricted Elective	3	
[8]BUAD 200	1	
Term 5		
FINC420 ~~ACCT 301~~	3	BUAD 242
[7]BUAD 331, [7]BUAD 332	4	
BUAD 341, BUAD 342	4	
[7]FINC 301	3	
[8] BUAD 300	1	
Term 6		
Collateral	3	2.5 cumulative GPA
FINC 425	3	FINC 301
[5]Unrestricted Electives	2 ~~5~~	
[6]Finance Elective	6 ~~3~~	
Term 8		
Collateral	3	No milestones
FINC 455	3	
[8] BUAD 405	1	
[5]Unrestricted Electives	8	
TOTAL	**120**	

Finance Collateral Options
ACCOUNTING – ACCT301; ACCT 321; and ACCT 311 or INMT 341 ~~(increase Finance Electives by 3 hours)~~.

[6] Finance electives chosen from FINC 402, ~~FINC 420~~, FINC 435, FINC 440, FINC 445, FINC 463, FINC 475, FINC 485, FINC 493, FINC 495; IB 449.

[8] Students admitted to Global Leadership Scholars will not take these courses due to content being covered elsewhere in their curriculum.

Rationale: FINC 420 viewed as more appropriate for our majors given course focus on the use of financial statements by key users (versus preparation of same). Additional FINC elective reflects college initiative to add three hours "back" to the majors following previous curriculum changes in 2016 catalog. Impact on other units: None. Financial Impact: No negative impact.
Proposal supports Learning Outcome #1. Change prompted by evaluation of courses offered by peer institutions as well as information communicated by industry.

REVISE PROGRAM NAME AND REQUIREMENTS

Finance Major, BS in Business Administration – ~~Dual~~ Concentration with Business Analytics

Requirements for the Bachelor of Science in Business Administration – Finance Major – ~~Dual~~ Concentration with Business Analytics

Term 3		
ACCT 200 or ACCT 207	3	MATH 125* or MATH 141*
[3]Arts and Humanities Elective*	3	
ECON 213* or ECON 218*	3	
ENGL 255*, ENGL 257*, or ENGL 295*	3	
[5]Unrestricted Elective	3	
~~BUAD 200~~	~~1~~	
Term 4		
[3]Arts and Humanities Elective*	3	2.5 Cumulative GPA and completion of following courses with C or better: MATH 123*-MATH 125* or MATH 141*-MATH 142*; CMST 210* or CMST 240*; ENGL 255* or ENGL 295*; ACCT 200; ECON 211*; ECON 213*; STAT 201* or STAT 207*; MGT 201
BUAD 242	2	
MGT 201	3	
STAT 201* or STAT 207*	3	
[5]Unrestricted Elective	3	
[8]BUAD 200	1	
Term 5		
FINC 420 ~~ACCT 301~~	3	BUAD 242
BUAD 331, BUAD 332	4	
BUAD 341, BUAD 342	4	
FINC 301	3	

BUAD 300	1	
Term 6		
FINC 425	3	2.5 cumulative GPA
BAS 320, ~~and BAS 310 or BAS 340~~	3 ~~6~~	BUAD 331, BUAD 332
[5]Unrestricted Electives	5	FINC 301
BUAD 205 or ECON 305 or MGT 311 or PHIL 244* or PHIL 252*	3	
Term 7		
[7]BAS Elective ~~BUAD 205 or ECON 305 or MGT 311 or PHIL 244* or PHIL 252*~~	3	No milestones
BULW 301	2	
[6]Finance Elective	3	
BAS 474 ~~BAS 471~~	3	
BUAD 453	4	
Term 8		
FINC 455	3	No milestones
[7]BAS Elective ~~BAS 474~~	3	
[6]Finance elective	3	
[5]Unrestricted Electives	5 ~~8~~	
BUAD 405	1	
TOTAL	**120**	

[6] Finance electives chosen from FINC 402, ~~FINC 420~~, FINC 435, FINC 440, FINC 445, FINC 463, FINC 475, FINC 485, FINC 493, FINC 495; IB 449.

[7] Select courses from BAS 310, BAS 340, BAS 454, BAS 475, or INMT 342.

Rationale: FINC 420 viewed as more appropriate for our majors given course focus on the use of financial statements by key users (versus preparation of same). Additional FINC elective reflects college initiative to add three hours "back" to the majors following previous curriculum changes in 2016 catalog. Lastly, the 12 hours required for the concentration in Business Analytics contain no Business Analytics electives (all 12 hours are specified as required). Based on course additions and changes in the Business Analytics Department, it was felt that only 2 of these 4 courses should be required, and students should have a choice of two of the specified upper division Business Analytics electives. Impact on other units: None. Financial Impact: None known. Proposal supports Learning Outcome #1. Change prompted by evaluation of courses offered by peer institutions as well as information communicated by industry.

REVISE PROGRAM NAME AND REQUIREMENTS

Finance Major, BS in Business Administration – ~~Dual~~ Concentration with International Business

Requirements for the Bachelor of Science in Business Administration – Finance Major – ~~Dual~~ Concentration with International Business

Term 3		
[5]ACCT 200 or ACCT 207	3	MATH 125* or MATH 141*
[3]Arts and Humanities Elective*	3	
ECON 213* or ECON 218*	3	
ENGL 255*, ENGL 257*, or ENGL 295*	3	
[6]Unrestricted Elective	3	
~~BUAD 200~~	~~1~~	
Term 4		
[3]Arts and Humanities Elective*	3	2.5 Cumulative GPA and completion of following courses with C or better: MATH 123*-MATH 125* or MATH 141*-MATH 142*; CMST 210* or CMST 240*; ENGL 255* or ENGL 295*; ACCT 200; ECON 211*; ECON 213*; STAT 201* or STAT 207*; MGT 201
BUAD 242	2	
[5]MGT 201 or MGT 207	3	
[5]STAT 201* or STAT 207*	3	
[6]Unrestricted Elective	3	
[9]BUAD 200	1	
Term 5		
FINC 420 ~~ACCT 301~~	3	BUAD 242
[5]BUAD 331, [5]BUAD 332	4	
BUAD 341, BUAD 342	4	
[5]FINC 301	3	

[9] BUAD 300	1	
Term 8		
FINC 455	3	No milestones
[8]International Business coursework	6	
[7]Finance Elective	3	
[6]Unrestricted Electives	2 ~~5~~	
[9] BUAD 405	1	
TOTAL	**120**	

[7] Finance electives chosen from FINC 402, ~~FINC 420~~, FINC 435, FINC 440, FINC 445, FINC 463, FINC 475, FINC 485, FINC 493, FINC 495; IB 449.

[9] Students admitted to Global Leadership Scholars will not take these courses due to content being covered elsewhere in their curriculum.

Rationale: FINC 420 viewed as more appropriate for our majors given course focus on the use of financial statements by key users (versus preparation of same). Additional FINC elective reflects college initiative to add three hours "back" to the majors following previous curriculum changes in 2016 catalog. Impact on other units: None. Financial Impact: None known.
Proposal supports Learning Outcome #1. Change prompted by evaluation of courses offered by peer institutions as well as information communicated by industry.

ADD PROGRAM

Finance Major, BS in Business Administration – Integrated Business and Engineering Program

The finance major gives students the flexibility to tailor their programs to fit their particular career goals and to prepare for one (or more) of the following specialty areas. The course in investments leads to career opportunities in investment analysis, commercial and investment banking, and insurance companies. The course in real estate is designed for students who are interested in real estate brokerage, appraising, taxation, law, property management, real estate development, mortgage lending and banking, construction, government loan guarantees, and insurance. The course in corporate finance leads to opportunities in corporate forecasting, planning, and control; cash management; and capital and financial analysis positions. The course in financial institutions and markets prepares students for opportunities in the management of financial institutions, as well as within the government organizations related to the industry. The course in insurance and risk management prepares students for opportunities in insurance, business, and public risk management. The course in international finance is designed to give all students, regardless of their career goals, an enhanced understanding of financial management in a global context.

uTrack Requirements (for students entering Fall 2013 or later)
Universal Tracking (uTrack) is an academic monitoring system designed to help students stay on track for timely graduation. In order to remain on track, students must complete the minimum requirements for each tracking semester, known as milestones. Milestones include successful completion of specified courses and/or attainment of a minimum GPA. uTrack requirements only affect full-time, degree-seeking students who first entered Fall 2013 or later. uTrack does not apply to transfer students who enter prior to Fall 2015.

Requirements for the Bachelor of Science in Business Administration – Finance Major – Integrated Business and Engineering Program

Term 1	Hours	Milestone Notes
[1,2]ENGL 101* or ENGL 118*	3	2.5 cumulative GPA
[3]Intermediate Foreign Language*	3	
[4]MATH 123*, MATH 141*, or MATH 147*	3-4	
[3]Natural Sciences Electives*	3-4	
CMST 210*, CMST 217*, CMST 240*, or CMST 247*	3	
BUAD 100	1	
Term 2		
[1,2]ENGL 102*	3	2.5 cumulative GPA
[3]Intermediate Foreign Language*	3	
[4]MATH 125*, MATH 142* or MATH 148*	3-4	
[3]Natural Sciences Electives*	3-4	
ECON 211* or ECON 217*	3	
Term 3		
ACCT 200 or ACCT 207	3	MATH 125* or MATH 141*
[3]Arts and Humanities Elective*	3	
ECON 213* or ECON 218*	3	
ENGL 255*, ENGL 257*, or ENGL 295*	3	
EF 203	3	
Term 4		
[3]Arts and Humanities Elective*	3	2.5 Cumulative GPA and completion of following courses

		with C or better: MATH 123*-MATH 125* or MATH 141*-MATH 142*; CMST 210* or CMST 240*; ENGL 255* or ENGL 295*; ACCT 200; ECON 211*; ECON 213*; STAT 201* or STAT 207*; MGT 201
BUAD 242	2	
MGT 201 or MGT 207	3	
STAT 201* or STAT 207*	3	
[5]Unrestricted Elective	3	
BUAD 200	1	
Term 5		
FINC 420	3	BUAD 242
BUAD 331, BUAD 332	4	
BUAD 341, BUAD 342	4	
FINC 301	3	
BUAD 300	1	
Term 6		
BUAD 205 or ECON 305 or MGT 311 or PHIL 244* or PHIL 252*	3	2.5 cumulative GPA
FINC 425	3	BUAD 331, BUAD 332
[5]Unrestricted Electives	5	FINC 301
BUAD 399	3	
Term 7		
BULW 301	2	No milestones
[6]Finance Elective	3	
BUAD 499	3	
[5]Unrestricted Elective	3	
BUAD 453	4	
Term 8		
FINC 455	3	No milestones
BUAD 499	3	
[6]Finance Elective	3	
[5]Unrestricted Electives	5	
BUAD 405	1	
TOTAL	**120**	

* Meets University General Education Requirement.

[1] Must be completed by the end of the First Year.

[2] Students who complete ENGL 118* with a grade of A or B will complete their English composition requirement by choosing ENGL 102*, a sophomore-level course in the English department, or ENGL 355*. If the sophomore-level English course appears on the Arts and Humanities list, the course may also be counted toward the Arts and Humanities requirement.

[3] Chosen from the University General Education list.

[4] MATH 125* or MATH 141* or MATH 152* are prerequisites for STAT 201*, which is taken during the second semester of the Second Year. As a result, either MATH 125* or MATH 141* or MATH 152* must be completed by the end of the first semester of the Second Year.

[5] Any courses not already required for the major.

[6] Finance electives chosen from FINC 402, FINC 435, FINC 440, FINC 445, FINC 463, FINC 475, FINC 485, FINC 493, FINC 495; IB 449.

DEPARTMENT OF MANAGEMENT

REVISE TEXT, REVISE REQUIREMENTS

Entrepreneurship Minor

Minor Requirements

The minor consists of **15 hours**. Students are strongly encouraged to take at least one course outside of their home college. Minor is not available to students completing an Entrepreneurship collateral within the Haslam College of Business ~~Administration~~. Students may not minor in both Entrepreneurship and Engineering Entrepreneurship.

Required Courses
Complete 9 hours of the following:

- JREM 441 Entrepreneurship in Journalism and Media (3)

Rationale: Course and content overlap between the two minors would make pursuing both redundant. Impact on other units: The Tickle College of Engineering is putting forth a similar proposal. Financial Impact: None.

Rationale: This course has been taught twice previously in the College of Communication and Information as a special topics course. CCI is now making this a regularly-offered course with its own course number. Due to the explicit focus of the course on entrepreneurship (in the contexts of journalism and the media), this course would be of great interest to students pursuing the entrepreneurship minor, both in CCI and in other colleges. Impact on other units: No negative impact; adds to students' options for ENT minor. Financial impact: No new courses will be added; no new faculty or GTAs will be required. Course already offered by CCI (as a special topics course) and will become a regular course in Fall 2017.

Program Learning Outcomes for the BSBA, Human Resource Management major

1. Students will be able to analyze the impact of the recruitment and selection process on organizational success.
2. Students will assess 1) effective employee performance, 2) strategies that will enable their organization to retain these employees, and 3) ways in which quality employees contribute to the overall success of the organization.

Program Learning Outcomes for the BSBA, Management major

1. Students will demonstrate their ability to make decisions using ProACT, a well-accepted, systematic decision-making tool.
2. Students will demonstrate their ability to use the "principled negotiation method" in a real negotiation situation.

REVISE TEXT AND REQUIREMENTS

Human Resource Management Major, BS in Business Administration – Collateral Option

The management of human capital is critical to the success of an organization. The Human Resource Management major prepares students to assume positions as human resource generalists and specialists. The major develops a student's competencies in forecasting human resource needs as well as the recruitment, selection, training, and development of employees. Human resource managers are also involved in designing performance appraisal systems, developing compensation and benefit programs, monitoring employee health and safety, and establishing cooperative working relationships with organized labor, all of which are covered in the coursework. The human resource management curriculum also addresses analyzing current labor force trends, treating employees fairly, encouraging diversity, and understanding the foundations of employment law. All students in the program complete at least one internship.

Requirements for the Bachelor of Science in Business Administration – Human Resource Management Major – Collateral Option

Term 3		
[6]ACCT 200 or ACCT 207	3	MATH 125* or MATH 141*
[3]Arts and Humanities Elective*	3	
ECON 213* or ECON 218*	3	
ENGL 255*, ENGL 257*, or ENGL 295*	3	
[5]Unrestricted Elective	3	
~~BUAD 200~~	~~1~~	
Term 4		
[3]Arts and Humanities Elective*	3	2.5 Cumulative GPA and completion of following courses with C or better: MATH 123*-MATH 125* or MATH 141*-MATH 142*; CMST 210* or CMST 240*; ENGL 255* or ENGL 295*; ACCT 200; ECON 211*; ECON 213*; STAT 201* or STAT 207*; MGT 201
BUAD 242	2	
[6]MGT 201	3	
[6]STAT 201* or STAT 207*	3	
[5]Unrestricted Elective	3	
[7]BUAD 200	1	
Term 5		
[6]BUAD 331, [6]BUAD 332	4	BUAD 242
BUAD 341, BUAD 342	4	
[6]FINC 301	3	
MGT 331	3	
[7] BUAD 300	1	
Term 6		
Collateral	3	2.5 cumulative GPA
HRM 360	3	BUAD 331, BUAD 332
[5]Unrestricted Electives	2 ~~5~~	
BUAD 205 or ECON 305 or MGT 311 or PHIL 244* or PHIL 252*	3	
HRM 492	3	
Term 7		
BULW 301	2	HRM 360
Collateral	3	

HRM 482 ~~HRM 480~~	3	
[5]Unrestricted Elective	3	
[6]BUAD 453	4	
Term 8		
Collateral	3	No milestones
HRM 481, HRM 485	6	
[5]Unrestricted Electives	5	
[7] BUAD 405	1	
TOTAL	**120**	

[7] Students admitted to Global Leadership Scholars will not take these courses due to content being covered elsewhere in their curriculum.

Rationale: Change from HRM 480 to HRM 482 reflects creation of that course, discussed previously in course change section. Addition of HRM 492 reflects college initiative to add three hours "back" to the majors, following previous curriculum changes in 2016 catalog. Internship is critical to the success and career development of the student. Impact on other units: None. Financial impact: None. Internship has been taught for years. The instructor tasked with this course has the ability to add this course given change in staffing in department.
Proposal supports Learning Outcome #2.

REVISE PROGRAM NAME, TEXT, AND REQUIREMENTS

Human Resource Management Major, BS in Business Administration – ~~Dual~~ Concentration with International Business

The management of human capital is critical to the success of an organization. The Human Resource Management major prepares students to assume positions as human resource generalists and specialists. The major develops a student's competencies in forecasting human resource needs as well as the recruitment, selection, training, and development of employees. Human resource managers are also involved in designing performance appraisal systems, developing compensation and benefit programs, monitoring employee health and safety, and establishing cooperative working relationships with organized labor, all of which are covered in the coursework. The human resource management curriculum also addresses analyzing current labor force trends, treating employees fairly, encouraging diversity, and understanding the foundations of employment law. All students in the program complete at least one internship.

Requirements for the Bachelor of Science in Business Administration – Human Resource Management Major – ~~Dual~~ Concentration with International Business

Term 3		
[5]ACCT 200 or ACCT 207	3	MATH 125* or MATH 141*
[3]Arts and Humanities Elective*	3	
ECON 213* or ECON 218*	3	
ENGL 255*, ENGL 257*, or ENGL 295*	3	
[6]Unrestricted Elective	3	
~~BUAD 200~~	~~1~~	
Term 4		
[3]Arts and Humanities Elective*	3	2.5 Cumulative GPA and completion of following courses with C or better: MATH 123*-MATH 125* or MATH 141*-MATH 142*; CMST 210* or CMST 240*; ENGL 255* or ENGL 295*; ACCT 200; ECON 211*; ECON 213*; STAT 201* or STAT 207*; MGT 201
BUAD 242	2	
[5]MGT 201 or MGT 207	3	
[5]STAT 201* or STAT 207*	3	
[6]Unrestricted Elective	3	
[8]BUAD 200	1	
Term 5		
BUAD 205 or ECON 305 or MGT 311 or PHIL 244* or PHIL 252*	3	BUAD 242
[5]BUAD 331, [5]BUAD 332	4	
BUAD 341, BUAD 342	4	
[5]FINC 301	3	
[8] BUAD 300	1	
Term 6		
BULW 301	2	2.5 cumulative GPA
HRM 360	3	BUAD 331, BUAD 332
~~[6]Unrestricted Elective~~	~~3~~	
[7]International Business coursework	6	

HRM 492	3	
Term 7		
HRM 482 ~~HRM 480~~	3	HRM 360
[7]International Business coursework	3	
[6]Unrestricted Electives	5	
[5]BUAD 453	4	
Term 8		
HRM 481, HRM 485	6	No milestones
[7]International Business coursework	3	
[6]Unrestricted Electives	5	
[8] BUAD 405	1	
TOTAL	**120**	

[8] Students admitted to Global Leadership Scholars will not take these courses due to content being covered elsewhere in their curriculum.

Rationale: Change from HRM 480 to HRM 482 reflects creation of that course, discussed previously in course change section. Addition of HRM 492 reflects college initiative to add three hours "back" to the majors, following previous curriculum changes in 2016 catalog. Internship is critical to the success and career development of the student. Impact on other units: None. Financial impact: None. Internship has been taught for years. The instructor tasked with this course has the ability to add this course given change in staffing in department.
Proposal supports Learning Outcome #2.

REVISE TEXT AND REQUIREMENTS

Management Major, BS in Business Administration – Collateral Option

Management is a broad field that focuses on the planning, organizing, leading, and controlling of an organization's resources. A manager's ultimate objective is to help his or her organization achieve and sustain a competitive advantage. Careers in management have diverse starting points and trajectories. Management majors can be found working throughout the world in many different industries such as manufacturing, financial services, transportation, entertainment, health care, and many more. Some Management graduates start their own businesses while others spend their careers in governmental and non-profit organizations. One common thread is that people who work as managers depend heavily on their problem-solving and communication skills. The Management curriculum also prepares students for post-graduate work in business, law, health care, and other fields. All students in the program complete at least one 3-hour internship.

Requirements for the Bachelor of Science in Business Administration – Management Major – Collateral Option

Term 3		
[6]ACCT 200 or ACCT 207	3	MATH 125* or MATH 141*
[3]Arts and Humanities Elective*	3	
ECON 213* or ECON 218*	3	
ENGL 255*, ENGL 257*, or ENGL 295*	3	
[5]Unrestricted Elective	3	
~~BUAD 200~~	~~1~~	
Term 4		
[3]Arts and Humanities Elective*	3	2.5 Cumulative GPA and completion of following courses with C or better: MATH 123*-MATH 125* or MATH 141*-MATH 142*; CMST 210* or CMST 240*; ENGL 255* or ENGL 295*; ACCT 200; ECON 211*; ECON 213*; STAT 201* or STAT 207*; MGT 201
BUAD 242	2	
[6]MGT 201	3	
[6]STAT 201* or STAT 207*	3	
[5]Unrestricted Elective	3	
[7]BUAD 200	1	
Term 5		
[6]BUAD 331, [6]BUAD 332	4	BUAD 242
BUAD 341, BUAD 342	4	
[6]FINC 301	3	
MGT 331	3	
[7] BUAD 300	1	
Term 6		
Collateral	3	2.5 cumulative GPA
MGT 336	3	BUAD 331, BUAD 332
[5]Unrestricted Electives	2 ~~5~~	

HRM 360	3	
MGT 492	3	
Term 8		
Collateral	3	No milestones
MGT 430, MGT 435	6	
[5]Unrestricted Electives	5	
[7] BUAD 405	1	
TOTAL	**120**	

Management Collateral Options
HUMAN RESOURCE MANAGEMENT – HRM 482 ~~HRM 480~~, HRM 481, HRM 485.

[7] Students admitted to Global Leadership Scholars will not take these courses due to content being covered elsewhere in their curriculum.

Rationale: Addition of MGT 492 reflects college initiative to add three hours "back" to the majors, following previous curriculum changes in 2016 catalog. Internship is critical to the success and career development of the student. Impact on other units: None. Financial impact: None. Internship has been taught for years. The instructor tasked with this course has the ability to add this course given change in staffing in department.

REVISE PROGRAM NAME, TEXT, AND REQUIREMENTS

Management Major, BS in Business Administration – ~~Dual~~ Concentration with International Business

Management is a broad field that focuses on the planning, organizing, leading, and controlling of an organization's resources. A manager's ultimate objective is to help his or her organization achieve and sustain a competitive advantage. Careers in management have diverse starting points and trajectories. Management majors can be found working throughout the world in many different industries such as manufacturing, financial services, transportation, entertainment, health care, and many more. Some Management graduates start their own businesses while others spend their careers in governmental and non-profit organizations. One common thread is that people who work as managers depend heavily on their problem-solving and communication skills. The Management curriculum also prepares students for post-graduate work in business, law, health care, and other fields. All students in the program complete at least one 3-hour internship.

Requirements for the Bachelor of Science in Business Administration – Management Major – ~~Dual~~ Concentration with International Business

Term 3		
[5]ACCT 200 or ACCT 207	3	MATH 125* or MATH 141*
[3]Arts and Humanities Elective*	3	
ECON 213* or ECON 218*	3	
ENGL 255*, ENGL 257*, or ENGL 295*	3	
[6]Unrestricted Elective	3	
~~BUAD 200~~	~~1~~	
Term 4		
[3]Arts and Humanities Elective*	3	CMST 210* or CMST 240*
BUAD 242	2	ENGL 255* or ENGL 295*
[5]MGT 201 or MGT 207	3	MATH 123* or MATH 142*
[5]STAT 201* or STAT 207*	3	STAT 201*
[6]Unrestricted Elective	3	
[8]BUAD 200	1	
Term 5		
[5]BUAD 331, [5]BUAD 332	4	BUAD 242
BUAD 341, BUAD 342	4	
[5]FINC 301	3	
MGT 331	3	
[8] BUAD 300	1	
Term 6		
HRM 360	3	2.5 cumulative GPA
MGT 336	3	BUAD 331, BUAD 332
[6]Unrestricted Electives	2 ~~5~~	
[7]International Business coursework	3	
MGT 492	3	
Term 8		
[7]International Business coursework	6	No milestones
MGT 430 or MGT 435	3	
[6]Unrestricted Electives	5	

[8] BUAD 405	1	
TOTAL	**120**	

[8] Students admitted to Global Leadership Scholars will not take these courses due to content being covered elsewhere in their curriculum.

Rationale: Addition of MGT 492 reflects college initiative to add three hours "back" to the majors, following previous curriculum changes in 2016 catalog. Internship is critical to the success and career development of the student. Impact on other units: None. Financial impact: None. Internship has been taught for years. The instructor tasked with this course has the ability to add this course given change in staffing in department.

ADD PROGRAM

Human Resource Management Major, BS in Business Administration – Integrated Business and Engineering Program

The management of human capital is critical to the success of an organization. The Human Resource Management major prepares students to assume positions as human resource generalists and specialists. The major develops a student's competencies in forecasting human resource needs as well as the recruitment, selection, training, and development of employees. Human resource managers are also involved in designing performance appraisal systems, developing compensation and benefit programs, monitoring employee health and safety, and establishing cooperative working relationships with organized labor, all of which are covered in the coursework. The human resource management curriculum also addresses analyzing current labor force trends, treating employees fairly, encouraging diversity, and understanding the foundations of employment law. All students in the program complete at least one internship.

uTrack Requirements (for students entering Fall 2013 or later)
Universal Tracking (uTrack) is an academic monitoring system designed to help students stay on track for timely graduation. In order to remain on track, students must complete the minimum requirements for each tracking semester, known as milestones. Milestones include successful completion of specified courses and/or attainment of a minimum GPA. uTrack requirements only affect full-time, degree-seeking students who first entered Fall 2013 or later. uTrack does not apply to transfer students who enter prior to Fall 2015.

Requirements for the Bachelor of Science in Business Administration – Human Resource Management Major – Integrated Business and Engineering Program

Term 1	Hours	Milestone Notes
[1,2]ENGL 101* or ENGL 118*	3	2.5 cumulative GPA
[3]Intermediate Foreign Language*	3	
[4]MATH 123*, MATH 141*, or MATH 147*	3-4	
Natural Sciences Electives*	3-4	
CMST 210*, CMST 217*, CMST 240*, or CMST 247*	3	
BUAD 100	1	
Term 2		
[1,2]ENGL 102*	3	2.5 cumulative GPA
[3]Intermediate Foreign Language*	3	
[4]MATH 125*, MATH 142* or MATH 148*	3-4	
[3]Natural Sciences Electives*	3-4	
ECON 211* or ECON 217*	3	
Term 3		
ACCT 200 or ACCT 207	3	MATH 125* or MATH 141*
[3]Arts and Humanities Elective*	3	
ECON 213* or ECON 218*	3	
ENGL 255*, ENGL 257*, or ENGL 295*	3	
EF 203	3	
Term 4		
[3]Arts and Humanities Elective*	3	2.5 Cumulative GPA and completion of following courses with C or better: MATH 123*-MATH 125* or MATH 141*-MATH 142*; CMST 210* or CMST 240*; ENGL 255* or ENGL 295*; ACCT 200; ECON 211*; ECON 213*; STAT 201* or STAT 207*; MGT 201
BUAD 242	2	
MGT 201 or MGT 207	3	
STAT 201* or STAT 207*	3	
[5]Unrestricted Elective	3	
BUAD 200	1	
Term 5		

BUAD 205 or ECON 305 or MGT 311 or PHIL 244* or PHIL 252*	3	BUAD 242
BUAD 331, BUAD 332	4	
BUAD 341, BUAD 342	4	
FINC 301	3	
BUAD 300	1	
Term 6		
BULW 301	2	2.5 cumulative GPA
HRM 360	3	BUAD 331, BUAD 332
BUAD 399	3	
[5]Unrestricted Electives	4	
HRM 492	3	
Term 7		
HRM 482	3	HRM 360
BUAD 499	3	
[5]Unrestricted Electives	5	
BUAD 453	4	
Term 8		
HRM 481, HRM 485	6	No milestones
BUAD 499	3	
[5]Unrestricted Electives	4	
BUAD 405	1	
TOTAL	**120**	

* Meets University General Education Requirement.
[1] Must be completed by the end of the First Year.
[2] Students who complete ENGL 118* with a grade of A or B will complete their English composition requirement by choosing ENGL 102*, a sophomore-level course in the English department, or ENGL 355*. If the sophomore-level English course appears on the Arts and Humanities list, the course may also be counted toward the Arts and Humanities requirement.
[3] Chosen from the University General Education list.
[4] MATH 125* or MATH 141* or MATH 152* are prerequisites for STAT 201*, which is taken during the second semester of the Second Year. As a result, either MATH 125* or MATH 141* or MATH 152* must be completed by the end of the first semester of the Second Year.
[5] Any courses not already required for the major.

ADD PROGRAM

Management Major, BS in Business Administration – Integrated Business and Engineering Program

Management is a broad field that focuses on the planning, organizing, leading, and controlling of an organization's resources. A manager's ultimate objective is to help his or her organization achieve and sustain a competitive advantage. Careers in management have diverse starting points and trajectories. Management majors can be found working throughout the world in many different industries such as manufacturing, financial services, transportation, entertainment, health care, and many more. Some Management graduates start their own businesses while others spend their careers in governmental and non-profit organizations. One common thread is that people who work as managers depend heavily on their problem-solving and communication skills. The Management curriculum also prepares students for post-graduate work in business, law, health care, and other fields. All students in the program complete at least one 3-hour internship.

uTrack Requirements (for students entering Fall 2013 or later)
Universal Tracking (uTrack) is an academic monitoring system designed to help students stay on track for timely graduation. In order to remain on track, students must complete the minimum requirements for each tracking semester, known as milestones. Milestones include successful completion of specified courses and/or attainment of a minimum GPA. uTrack requirements only affect full-time, degree-seeking students who first entered Fall 2013 or later. uTrack does not apply to transfer students who enter prior to Fall 2015.

Requirements for the Bachelor of Science in Business Administration – Management Major – Integrated Business and Engineering Program

Term 1	Hours	Milestone Notes
[1,2]ENGL 101* or ENGL 118*	3	2.5 cumulative GPA
[3]Intermediate Foreign Language*	3	
[4]MATH 123*, MATH 141*, or MATH 147*	3-4	
[3]Natural Sciences Electives*	3-4	
CMST 210*, CMST 217*, CMST 240*, or CMST 247*	3	
BUAD 100	1	

Term 2		
[1,2]ENGL 102*	3	2.5 cumulative GPA
[3]Intermediate Foreign Language*	3	
[4]MATH 125*, MATH 142* or MATH 148*	3-4	
[3]Natural Sciences Electives*	3-4	
ECON 211* or ECON 217*	3	
Term 3		
ACCT 200 or ACCT 207	3	MATH 125* or MATH 141*
[3]Arts and Humanities Elective*	3	
ECON 213* or ECON 218*	3	
ENGL 255*, ENGL 257*, or ENGL 295*	3	
EF 203	3	
Term 4		
[3]Arts and Humanities Elective*	3	CMST 210* or CMST 240*
BUAD 242	2	ENGL 255* or ENGL 295*
MGT 201 or MGT 207	3	MATH 123* or MATH 142*
STAT 201* or STAT 207*	3	STAT 201*
[5]Unrestricted Elective	3	
BUAD 200	1	
Term 5		
BUAD 331, BUAD 332	4	BUAD 242
BUAD 341, BUAD 342	4	
FINC 301	3	
MGT 331	3	
BUAD 300	1	
Term 6		
HRM 360	3	2.5 cumulative GPA
MGT 336	3	BUAD 331, BUAD 332
[5]Unrestricted Electives	2	
BUAD 399	3	
MGT 492	3	
Term 7		
BUAD 205 or ECON 305 or MGT 311 or PHIL 244* or PHIL 252*	3	No milestones
BULW 301	2	
BUAD 499	3	
[5]Unrestricted Elective	3	
BUAD 453	4	
Term 8		
BUAD 499	3	No milestones
MGT 430 or MGT 435	3	
[5]Unrestricted Electives	8	
BUAD 405	1	
TOTAL	**120**	

* Meets University General Education Requirement.

1 Must be completed by the end of the First Year.

2 Students who complete ENGL 118* with a grade of A or B will complete their English composition requirement by choosing ENGL 102*, a sophomore-level course in the English department, or ENGL 355*. If the sophomore-level English course appears on the Arts and Humanities list, the course may also be counted toward the Arts and Humanities requirement.

3 Chosen from the University General Education list.

4 MATH 125* or MATH 141* or MATH 152* are prerequisites for STAT 201*, which is taken during the second semester of the Second Year. As a result, either MATH 125* or MATH 141* or MATH 152* must be completed by the end of the first semester of the Second Year.

5 Any courses not already required for the major.

DEPARTMENT OF MARKETING AND SUPPLY CHAIN MANAGEMENT

Program Learning Outcomes for the BSBA, Marketing major

1. Students will be able to demonstrate key concepts related to brand and brand management.
2. Students will be able to demonstrate key concepts related to the product life cycle.

Program Learning Outcomes for the BSBA, Supply Chain Management major

1. Students will demonstrate an understanding of the concepts and principles that are essential for managing and controlling the five main supply chain processes: planning, sourcing, making, distributing, and returning.
2. Students will demonstrate an understanding of the more advanced concepts and principles that are essential for managing and controlling the five main supply chain processes: planning, sourcing, making, distributing, and returning.

REVISE REQUIREMENTS

Requirements for the Bachelor of Science in Business Administration – Marketing Major – Collateral Option

Term 3		
[6]ACCT 200 or ACCT 207	3	MATH 125* or MATH 141*
[3]Arts and Humanities Elective*	3	
ECON 213* or ECON 218*	3	
ENGL 255*, ENGL 257*, or ENGL 295*	3	
[5]Unrestricted Elective	3	
~~BUAD 200~~	~~1~~	
Term 4		
[3]Arts and Humanities Elective*	3	2.5 Cumulative GPA and completion of following courses with C or better: MATH 123*-MATH 125* or MATH 141*-MATH 142*; CMST 210* or CMST 240*; ENGL 255* or ENGL 295*; ACCT 200; ECON 211*; ECON 213*; STAT 201* or STAT 207*; MGT 201
BUAD 242	2	
[6]MGT 201	3	
[6]STAT 201* or STAT 207*	3	
[5]Unrestricted Elective	3	
[7]BUAD 200	1	
Term 5		
BUAD 205 or ECON 305 or MGT 311 or PHIL 244* or PHIL 252*	3	BUAD 242
[6]BUAD 331, [6]BUAD 332	4	
BUAD 341, BUAD 342	4	
[6]FINC 301	3	
[7] BUAD 300	1	
Term 8		
Collateral	3	No milestones
MARK 460	3	
One of: MARK 462 or MARK 464 or MARK 466 or MARK 468 or MARK 469	3	
[5]Unrestricted Electives	5 ~~8~~	
[7] BUAD 405	1	
TOTAL	**120**	

Marketing Collateral Options

ENTREPRENEURSHIP – ENT 350, ENT 451, and one of ENT 410, ENT 415, ENT 420, ~~ENT 425, or~~ ENT 460, ENT 492 or ENT 499.

RESOURCE MANAGEMENT – ACCT 301; FINC 425, FINC 450 ~~FINC 455.~~

[7] Students admitted to Global Leadership Scholars will not take these courses due to content being covered elsewhere in their curriculum.

Rationale: Reflects college initiative to add 3 hours "back" to the majors following curriculum changes made in 2016 catalog. Change to ENT collateral aligns collateral for marketing majors with changes made to collateral for management and HRM majors in 2016 catalog. ENT 425 being removed due to overlap with Marketing coursework. Impact on other units: No negative impact. Financial impact: Resources from previous core curriculum (i.e., BUAD 353) are now being reallocated to cover Marketing electives. May need to add one or two additional marketing elective sections at most, and potentially not even that.

REVISE PROGRAM NAME AND REQUIREMENTS

Marketing Major, BS in Business Administration – ~~Dual~~ Concentration with Business Analytics

Requirements for the Bachelor of Science in Business Administration – Marketing Major – ~~Dual~~ Concentration with Business Analytics

Term 3		
ACCT 200 or ACCT 207	3	MATH 125* or MATH 141*
[3]Arts and Humanities Elective*	3	
ECON 213* or ECON 218*	3	

ENGL 255*, ENGL 257*, or ENGL 295*	3	
[5]Unrestricted Elective	3	
~~BUAD 200~~	~~1~~	
Term 4		
[3]Arts and Humanities Elective*	3	2.5 Cumulative GPA and completion of following courses with C or better: MATH 123*-MATH 125* or MATH 141*-MATH 142*; CMST 210* or CMST 240*; ENGL 255* or ENGL 295*; ACCT 200; ECON 211*; ECON 213*; STAT 201* or STAT 207*; MGT 201
BUAD 242	2	
MGT 201	3	
STAT 201* or STAT 207*	3	
[5]Unrestricted Elective	3	
BUAD 200	1	
Term 8		
MARK 460	3	No milestones
BAS 310 or BAS 340 or BAS 370 or BAS 475	3	
BAS 474	3	
MARK 462 or MARK 464 or MARK 466 or MARK 468 or MARK 469	3	
[5]Unrestricted Electives	2 ~~5~~	
BUAD 405	1	
TOTAL	**120**	

Rationale: Reflects college initiative to add 3 hours "back" to the majors following curriculum changes made in 2016 catalog. Alteration of BAS elective requirement makes explicit an agreement between the two departments that has allowed the use of BAS 310 for over a year now; simply an oversight not to have it in the catalog until now. Impact on other units: No negative impact. Financial impact: Resources from previous core curriculum (i.e., BUAD 353) are now being reallocated to cover Marketing electives. May need to add one or two additional marketing elective sections at most, and potentially not even that.

REVISE PROGRAM NAME AND REQUIREMENTS

Marketing Major, BS in Business Administration – ~~Dual~~ Concentration with Information Management

Requirements for the Bachelor of Science in Business Administration – Marketing Major – ~~Dual~~ Concentration with Information Management

Term 3		
ACCT 200 or ACCT 207	3	MATH 125* or MATH 141*
[3]Arts and Humanities Elective*	3	
ECON 213* or ECON 218*	3	
ENGL 255*, ENGL 257*, or ENGL 295*	3	
[5]Unrestricted Elective	3	
~~BUAD 200~~	~~1~~	
Term 4		
[3]Arts and Humanities Elective*	3	2.5 Cumulative GPA and completion of following courses with C or better: MATH 123*-MATH 125* or MATH 141*-MATH 142*; CMST 210* or CMST 240*; ENGL 255* or ENGL 295*; ACCT 200; ECON 211*; ECON 213*; STAT 201* or STAT 207*; MGT 201
BUAD 242	2	
MGT 201	3	
STAT 201* or STAT 207*	3	
[5]Unrestricted Elective	3	
BUAD 200	1	
Term 8		
INMT 443	3	No milestones
MARK 460	3	
MARK 462 or MARK 464 or MARK 466 or MARK 468 or MARK 469	3	
[5]Unrestricted Electives	5 ~~8~~	
BUAD 405	1	
TOTAL	**120**	

Rationale: Reflects college initiative to add 3 hours "back" to the majors following curriculum changes made in 2016 catalog. Impact on other units: No negative impact. Financial impact: Resources from previous core curriculum (i.e., BUAD 353) are now being reallocated to cover Marketing electives. May need to add one or two additional marketing elective sections at most, and potentially not even that.

REVISE PROGRAM NAME AND REQUIREMENTS

Marketing Major, BS in Business Administration – ~~Dual~~ Concentration with International Business

Requirements for the Bachelor of Science in Business Administration – Marketing Major – ~~Dual~~ Concentration with International Business

Term 3		
[5]ACCT 200 or ACCT 207	3	MATH 125* or MATH 141*
[3]Arts and Humanities Elective*	3	
ECON 213* or ECON 218*	3	
ENGL 255*, ENGL 257*, or ENGL 295*	3	
[6]Unrestricted Elective	3	
~~BUAD 200~~	~~1~~	
Term 4		
[3]Arts and Humanities Elective*	3	2.5 Cumulative GPA and completion of following courses with C or better: MATH 123*-MATH 125* or MATH 141*-MATH 142*; CMST 210* or CMST 240*; ENGL 255* or ENGL 295*; ACCT 200; ECON 211*; ECON 213*; STAT 201* or STAT 207*; MGT 201
BUAD 242	2	
[5]MGT 201 or MGT 207	3	
[5]STAT 201* or STAT 207*	3	
[6]Unrestricted Elective	3	
[8]BUAD 200	1	
Term 5		
BUAD 205 or ECON 305 or MGT 311 or PHIL 244* or PHIL 252*	3	BUAD 242
[5]BUAD 331, [5]BUAD 332	4	
BUAD 341, BUAD 342	4	
[5]FINC 301	3	
[8] BUAD 300	1	
Term 8		
MARK 460	3	No milestones
[7]International Business coursework	6	
MARK 462 or MARK 464 or MARK 466 or MARK 468 or MARK 469	3	
[6]Unrestricted Electives	2 ~~5~~	
[8] BUAD 405	1	
TOTAL	**120**	

[8] Students admitted to Global Leadership Scholars will not take these courses due to content being covered elsewhere in their curriculum.

Rationale: Reflects college initiative to add 3 hours "back" to the majors following curriculum changes made in 2016 catalog. Impact on other units: No negative impact. Financial impact: Resources from previous core curriculum (i.e., BUAD 353) are now being reallocated to cover Marketing electives. May need to add one or two additional marketing elective sections at most, and potentially not even that.

REVISE PROGRAM NAME AND REQUIREMENTS

Marketing Major, BS in Business Administration – ~~Dual~~ Concentration with Supply Chain Management

Requirements for the Bachelor of Science in Business Administration – Marketing Major – ~~Dual~~ Concentration with Supply Chain Management

Term 3		
ACCT 200 or ACCT 207	3	MATH 125* or MATH 141*
[3]Arts and Humanities Elective*	3	
ECON 213* or ECON 218*	3	
ENGL 255*, ENGL 257*, or ENGL 295*	3	
[5]Unrestricted Elective	3	

~~BUAD 200~~	~~1~~	
Term 4		
[3]Arts and Humanities Elective*	3	2.5 Cumulative GPA and completion of following courses with C or better: MATH 123*-MATH 125* or MATH 141*-MATH 142*; CMST 210* or CMST 240*; ENGL 255* or ENGL 295*; ACCT 200; ECON 211*; ECON 213*; STAT 201* or STAT 207*; MGT 201
BUAD 242	2	
MGT 201	3	
STAT 201* or STAT 207*	3	
[5]Unrestricted Elective	3	
BUAD 200	1	
Term 8		
MARK 460	3	No milestones
Two of: SCM 411 or SCM 412 or SCM 413 or SCM 421 or SCM 422	6	
MARK 462 or MARK 464 or MARK 466 or MARK 468 or MARK 469	3	
[5]Unrestricted Electives	~~5~~ 2	
BUAD 405	1	
TOTAL	**120**	

Rationale: Reflects college initiative to add 3 hours "back" to the majors following curriculum changes made in 2016 catalog. Impact on other units: No negative impact. Financial impact: Resources from previous core curriculum (i.e., BUAD 353) are now being reallocated to cover Marketing electives. May need to add one or two additional marketing elective sections at most, and potentially not even that.

REVISE REQUIREMENTS

Requirements for the Bachelor of Science in Business Administration – Supply Chain Management Major – Collateral Option

Term 3		
[6]ACCT 200 or ACCT 207	3	MATH 125* or MATH 141*
[3]Arts and Humanities Elective*	3	
ECON 213* or ECON 218*	3	
ENGL 255*, ENGL 257*, or ENGL 295*	3	
[5]Unrestricted Elective	3	
~~BUAD 200~~	~~1~~	
Term 4		
[3]Arts and Humanities Elective*	3	2.5 Cumulative GPA and completion of following courses with C or better: MATH 123*-MATH 125* or MATH 141*-MATH 142*; CMST 210* or CMST 240*; ENGL 255* or ENGL 295*; ACCT 200; ECON 211*; ECON 213*; STAT 201* or STAT 207*; MGT 201
BUAD 242	2	
[6]MGT 201	3	
[6]STAT 201* or STAT 207*	3	
[5]Unrestricted Elective	3	
[7]BUAD 200	1	
Term 4		
BUAD 205 or ECON 305 or MGT 311 or PHIL 244* or PHIL 252*	3	BUAD 242
[6]BUAD 331, [6]BUAD 332	4	
BUAD 341, BUAD 342	4	
[6]FINC 301	3	
[7] BUAD 300	1	
Term 8		
Collateral	3	No milestones
SCM 460	3	
SCM 411 or SCM 412 or SCM 413 or SCM 421 or SCM 422	3	
[5]Unrestricted Electives	5	
[7] BUAD 405	1	

TOTAL	**120**	

Supply Chain Management Collateral Options
ENTREPRENEURSHIP – ENT 350, ENT 451, and one of ENT 410, ENT 415, ENT 420, ENT 425, ~~or~~ ENT 460~~.~~, ENT 492, or ENT 499.
FINANCE – FINC 420, FINC 450, IB 449
[7] Students admitted to Global Leadership Scholars will not take these courses due to content being covered elsewhere in their curriculum.

Rationale: Addition of FINC collateral allows SCM majors an alternative collateral that is very compatible with the needs of the discipline. Change to ENT collateral aligns the collateral for SCM majors with changes made to collateral for management and HRM majors in fall 2016 catalog. Impact on other units: No negative impact; all departments are aware of and agree to changes. Financial impact: No negative impact.

REVISE PROGRAM NAME AND REQUIREMENTS

Supply Chain Management Major, BS in Business Administration – ~~Dual~~ Concentration with Business Analytics

Requirements for the Bachelor of Science in Business Administration – Supply Chain Management Major – ~~Dual~~ Concentration with Business Analytics

Term 3		
ACCT 200 or ACCT 207	3	MATH 125* or MATH 141*
[3]Arts and Humanities Elective*	3	
ECON 213* or ECON 218*	3	
ENGL 255*, ENGL 257*, or ENGL 295*	3	
[5]Unrestricted Elective	3	
~~BUAD 200~~	~~1~~	
Term 4		
[3]Arts and Humanities Elective*	3	2.5 Cumulative GPA and completion of following courses with C or better: MATH 123*-MATH 125* or MATH 141*-MATH 142*; CMST 210* or CMST 240*; ENGL 255* or ENGL 295*; ACCT 200; ECON 211*; ECON 213*; STAT 201* or STAT 207*; MGT 201
BUAD 242	2	
MGT 201	3	
STAT 201* or STAT 207*	3	
[5]Unrestricted Elective	3	
BUAD 200	1	
Term 6		
SCM 311, SCM 312	6	2.5 cumulative GPA
BAS 320	3	~~SCM 311, SCM 312~~
[5]Unrestricted Electives	5	BAS 320
Term 7		
BULW 301	2	No milestones
Two of SCM 411 or SCM 412 or SCM 413 or SCM 421 or SCM 422	6	SCM 311, SCM 312
BAS 471	3	
BUAD 453	4	

Rationale: Reflects movement of BUAD 200 to term 4. Impact on other units: None. Financial impact: None.

REVISE PROGRAM NAME AND REQUIREMENTS

Supply Chain Management Major, BS in Business Administration – ~~Dual~~ Concentration with Information Management

Requirements for the Bachelor of Science in Business Administration – Supply Chain Management Major – ~~Dual~~ Concentration with Information Management

Term 3		
ACCT 200 or ACCT 207	3	MATH 125* or MATH 141*
[3]Arts and Humanities Elective*	3	
ECON 213* or ECON 218*	3	
ENGL 255*, ENGL 257*, or ENGL 295*	3	
[5]Unrestricted Elective	3	
~~BUAD 200~~	~~1~~	
Term 4		

[3]Arts and Humanities Elective*	3	2.5 Cumulative GPA and completion of following courses with C or better: MATH 123*-MATH 125* or MATH 141*-MATH 142*; CMST 210* or CMST 240*; ENGL 255* or ENGL 295*; ACCT 200; ECON 211*; ECON 213*; STAT 201* or STAT 207*; MGT 201
BUAD 242	2	
MGT 201	3	
STAT 201* or STAT 207*	3	
[5]Unrestricted Elective	3	
BUAD 200	1	
Term 6		
INMT 342	3	2.5 cumulative GPA
SCM 311, SCM 312	6	INMT 341
[5]Unrestricted Electives	5	~~SCM 311, SCM 312~~
Term 7		
BULW 301	2	No milestones
INMT 442	3	SCM 311, SCM 312
SCM 411 or SCM 412 or SCM 413 or SCM 421 or SCM 422	3	
[5]Unrestricted Elective	3	
BUAD 453	4	

Rationale: Reflects movement of BUAD 200 to term 4. Impact on other units: None. Financial impact: None.

REVISE PROGRAM NAME AND REQUIREMENTS

Supply Chain Management Major, BS in Business Administration – ~~Dual~~ Concentration with International Business

Requirements for the Bachelor of Science in Business Administration – Supply Chain Management Major – ~~Dual~~ Concentration with International Business

Term 3		
[5]ACCT 200 or ACCT 207	3	MATH 125* or MATH 141*
[3]Arts and Humanities Elective*	3	
ECON 213* or ECON 218*	3	
ENGL 255*, ENGL 257*, or ENGL 295*	3	
[6]Unrestricted Elective	3	
~~BUAD 200~~	~~1~~	
Term 4		
[3]Arts and Humanities Elective*	3	2.5 Cumulative GPA and completion of following courses with C or better: MATH 123*-MATH 125* or MATH 141*-MATH 142*; CMST 210* or CMST 240*; ENGL 255* or ENGL 295*; ACCT 200; ECON 211*; ECON 213*; STAT 201* or STAT 207*; MGT 201
BUAD 242	2	
[5]MGT 201 or MGT 207	3	
[5]STAT 201* or STAT 207*	3	
[6]Unrestricted Elective	3	
[8]BUAD 200	1	
Term 5		
BUAD 205 or ECON 305 or MGT 311 or PHIL 244* or PHIL 252*	3	BUAD 242
[5]BUAD 331, [5]BUAD 332	4	
BUAD 341, BUAD 342	4	
[5]FINC 301	3	
[8] BUAD 300	1	
Term 6		
BULW 301	2	2.5 cumulative GPA
SCM 311, SCM 312	6	~~SCM 311, SCM 312~~
[7]International Business coursework	3	
[6]Unrestricted Elective	2	
Term 7		
[7]International Business coursework	6	No milestones

SCM 411 or SCM 412 or SCM 413 or SCM 421 or SCM 422	3	SCM 311, SCM 312
[6]Unrestricted Elective	3	
[5]BUAD 453	4	
Term 8		
[7]International Business coursework	3	No milestones
Two of SCM 411 or SCM 412 or SCM 413 or SCM 421 or SCM 422	6	
[6]Unrestricted Electives	5	
[8] BUAD 405	1	
TOTAL	**120**	

[8] Students admitted to Global Leadership Scholars will not take these courses due to content being covered elsewhere in their curriculum.

Rationale: Reflects movement of BUAD 200 to term 4. Reflects previously proposed change for GLS students. Impact on other units: None. Financial impact: None.

REVISE PROGRAM NAME AND REQUIREMENTS

Supply Chain Management Major, BS in Business Administration – ~~Dual~~ Concentration with Marketing

Requirements for the Bachelor of Science in Business Administration – Supply Chain Management Major – ~~Dual~~ Concentration with Marketing

Term 3		
ACCT 200 or ACCT 207	3	MATH 125* or MATH 141*
[3]Arts and Humanities Elective*	3	
ECON 213* or ECON 218*	3	
ENGL 255*, ENGL 257*, or ENGL 295*	3	
[5]Unrestricted Elective	3	
~~BUAD 200~~	~~1~~	
Term 4		
[3]Arts and Humanities Elective*	3	2.5 Cumulative GPA and completion of following courses with C or better: MATH 123*-MATH 125* or MATH 141*-MATH 142*; CMST 210* or CMST 240*; ENGL 255* or ENGL 295*; ACCT 200; ECON 211*; ECON 213*; STAT 201* or STAT 207*; MGT 201
BUAD 242	2	
MGT 201	3	
STAT 201* or STAT 207*	3	
[5]Unrestricted Elective	3	
BUAD 200	1	

Rationale: Reflects movement of BUAD 200 to term 4. Impact on other units: None. Financial impact: None.

ADD PROGRAM

Marketing Major, BS in Business Administration – Integrated Business and Engineering Program

Marketing in an organization has responsibility for identifying who customers are, what they need and want, and how best to meet those needs/wants by creating and delivering superior value to them. Marketing professionals use strategy tools to target customers, create value propositions and positioning for each target, and deliver and communicate value to these customers through product design, pricing, advertising, personal selling, promotion, and distribution.

Marketing education enables one to pursue varied career opportunities critical to organizations. Typically, a career in marketing begins in either consumer or industrial sales or retailing, which eventually may lead to management positions in any of several areas. For example, marketing professionals may hold positions in advertising, brand management, sales management, promotion management, marketing research, distribution, and other related areas.

Students interested in a marketing career will have a broad-based business education, which includes financial management, supply chain management, operations, human resources, business strategy, economics, and statistics. In addition to a broad array of courses in arts and sciences, marketing students will obtain a strong grounding in the social sciences to better understand the forces that shape consumer preferences.

uTrack Requirements (for students entering Fall 2013 or later)
Universal Tracking (uTrack) is an academic monitoring system designed to help students stay on track for timely graduation. In order to remain on track, students must complete the minimum requirements for each tracking semester, known as milestones.

Milestones include successful completion of specified courses and/or attainment of a minimum GPA. uTrack requirements only affect full-time, degree-seeking students who first entered Fall 2013 or later. uTrack does not apply to transfer students who enter prior to Fall 2015.

Requirements for the Bachelor of Science in Business Administration – Marketing Major – Integrated Business and Engineering Program

Term 1	Hours	Milestone Notes
[1,2]ENGL 101* or ENGL 118*	3	2.5 cumulative GPA
[3]Intermediate Foreign Language*	3	
[4]MATH 123*, MATH 141*, or MATH 147*	3-4	
[3]Natural Sciences Electives*	3-4	
CMST 210*, CMST 217*, CMST 240*, or CMST 247*	3	
BUAD 100	1	
Term 2		
[1,2]ENGL 102*	3	2.5 cumulative GPA
[3]Intermediate Foreign Language*	3	
[4]MATH 125*, MATH 142* or MATH 148*	3-4	
[3]Natural Sciences Electives*	3-4	
ECON 211* or ECON 217*	3	
Term 3		
ACCT 200 or ACCT 207	3	MATH 125* or MATH 141*
[3]Arts and Humanities Elective*	3	
ECON 213* or ECON 218*	3	
ENGL 255*, ENGL 257*, or ENGL 295*	3	
EF 203	3	
Term 4		
[3]Arts and Humanities Elective*	3	2.5 Cumulative GPA and completion of following courses with C or better: MATH 123*-MATH 125* or MATH 141*-MATH 142*; CMST 210* or CMST 240*; ENGL 255* or ENGL 295*; ACCT 200; ECON 211*; ECON 213*; STAT 201* or STAT 207*; MGT 201
BUAD 242	2	
MGT 201 or MGT 207	3	
STAT 201* or STAT 207*	3	
[5]Unrestricted Elective	3	
BUAD 200	1	
Term 5		
BUAD 205 or ECON 305 or MGT 311 or PHIL 244* or PHIL 252*	3	BUAD 242
BUAD 331, BUAD 332	4	
BUAD 341, BUAD 342	4	
FINC 301	3	
BUAD 300	1	
Term 6		
MARK 350, MARK 360	6	2.5 cumulative GPA
[5]Unrestricted Electives	5	BUAD 331, BUAD 332
BUAD 399	3	
Term 7		
BULW 301	2	No milestones
BUAD 499	3	
MARK 462 or MARK 464 or MARK 466 or MARK 468 or MARK 469	3	
[5]Unrestricted Elective	3	
BUAD 453	4	
Term 8		
MARK 460	3	No milestones
BUAD 499	3	
MARK 462 or MARK 464 or MARK 466 or MARK 468 or MARK 469	3	
[5]Unrestricted Electives	5	
BUAD 405	1	

TOTAL	120	

* Meets University General Education Requirement.
[1] Must be completed by the end of the First Year.
[2] Students who complete ENGL 118* with a grade of A or B will complete their English composition requirement by choosing ENGL 102*, a sophomore-level course in the English department, or ENGL 355*. If the sophomore-level English course appears on the Arts and Humanities list, the course may also be counted toward the Arts and Humanities requirement.
[3] Chosen from the University General Education list.
[4] MATH 125* or MATH 141* or MATH 152* are prerequisites for STAT 201*, which is taken during the second semester of the Second Year. As a result, either MATH 125* or MATH 141* or MATH 152* must be completed by the end of the first semester of the Second Year.
[5] Any courses not already required for the major.

ADD PROGRAM

Supply Chain Management Major, BS in Business Administration – Integrated Business and Engineering Program

Supply chain management has responsibility for the movement of raw materials and component parts into and within a business firm and to the distribution of finished products and services to customers.

Because having products and/or services in the right place at the right time is critical for success in any business, supply chain management plays a critical role in a firm's comprehensive supply chain. A career in supply chain management offers students the opportunity to make a significant contribution to corporate effectiveness in this area.

The internationally recognized Supply Chain Management program at the University of Tennessee is currently regarded as one of the most comprehensive and contemporary programs in the nation. The program offers a fundamental yet innovative curriculum. Students develop important skills required of supply chain management professionals as well as learn how supply chain management helps solve business supply chain management problems.

uTrack Requirements (for students entering Fall 2013 or later)
Universal Tracking (uTrack) is an academic monitoring system designed to help students stay on track for timely graduation. In order to remain on track, students must complete the minimum requirements for each tracking semester, known as milestones. Milestones include successful completion of specified courses and/or attainment of a minimum GPA. uTrack requirements only affect full-time, degree-seeking students who first entered Fall 2013 or later. uTrack does not apply to transfer students who enter prior to Fall 2015.

Requirements for the Bachelor of Science in Business Administration – Supply Chain Management Major – Integrated Business and Engineering Program

Term 1	Hours	Milestone Notes
[1,2]ENGL 101* or ENGL 118*	3	2.5 cumulative GPA
[3]Intermediate Foreign Language*	3	
[4]MATH 123*, MATH 141*, or MATH 147*	3-4	
[3]Natural Sciences Electives*	3-4	
CMST 210*, CMST 217*, CMST 240*, or CMST 247*	3	
BUAD 100	1	
Term 2		
[1,2]ENGL 102*	3	2.5 cumulative GPA
[3]Intermediate Foreign Language*	3	
[4]MATH 125*, MATH 142* or MATH 148*	3-4	
[3]Natural Sciences Electives*	3-4	
ECON 211* or ECON 217*	3	
Term 3		
ACCT 200 or ACCT 207	3	MATH 125* or MATH 141*
[3]Arts and Humanities Elective*	3	
ECON 213* or ECON 218*	3	
ENGL 255*, ENGL 257*, or ENGL 295*	3	
EF 203	3	
Term 4		
[3]Arts and Humanities Elective*	3	2.5 Cumulative GPA and completion of following courses with C or better: MATH 123*-MATH 125* or MATH 141*-MATH 142*; CMST 210* or CMST 240*; ENGL 255* or ENGL 295*; ACCT 200; ECON 211*; ECON 213*; STAT 201* or STAT 207*; MGT 201
BUAD 242	2	
MGT 201 or MGT 207	3	

STAT 201* or STAT 207*	3	
[5]Unrestricted Elective	3	
BUAD 200	1	
Term 5		
BUAD 205 or ECON 305 or MGT 311 or PHIL 244* or PHIL 252*	3	BUAD 242
BUAD 331, BUAD 332	4	
BUAD 341, BUAD 342	4	
FINC 301	3	
BUAD 300	1	
Term 6		
BULW 301	2	2.5 cumulative GPA
SCM 311, SCM 312	6	
BUAD 399	3	
[5]Unrestricted Elective	5	
Term 7		
BUAD 499	3	No milestones
SCM 411 or SCM 412 or SCM 413 or SCM 421 or SCM 422	3	SCM 311, SCM 312
[5]Unrestricted Elective	3	
BUAD 453	4	
Term 8		
BUAD 499	3	No milestones
Two of SCM 411 or SCM 412 or SCM 413 or SCM 421 or SCM 422	6	
[5]Unrestricted Electives	5	
BUAD 405	1	
TOTAL	**120**	

* Meets University General Education Requirement.
[1] Must be completed by the end of the First Year.
[2] Students who complete ENGL 118* with a grade of A or B will complete their English composition requirement by choosing ENGL 102*, a sophomore-level course in the English department, or ENGL 355*. If the sophomore-level English course appears on the Arts and Humanities list, the course may also be counted toward the Arts and Humanities requirement.
[3] Chosen from the University General Education list.
[4] MATH 125* or MATH 141* or MATH 152* are prerequisites for STAT 201*, which is taken during the second semester of the Second Year. As a result, either MATH 125* or MATH 141* or MATH 152* must be completed by the end of the first semester of the Second Year.
[5] Any courses not already required for the major.

Public Administration Major, BS in Business Administration (Intercollegiate Program)

Program Learning Outcomes for the BSBA, Public Administration major
1. Students will be able to recognize how a change in market fundamentals will affect predicted market outcomes.
2. Students will be able to explain the rationale for government entities (and non-government organizations, NGOs) in a market economy.
3. Students will be able to explain/identify the effects of taxes on individual behavior and firms.

REVISE REQUIREMENTS

Requirements for the Bachelor of Science in Business Administration – Public Administration Major

Term 3		
ACCT 200 or [5] ACCT 207	3	MATH 125* or MATH 141*
[3]Arts and Humanities Elective*	3	
ECON 213* or ECON 218*	3	
ENGL 255*, ENGL 257*, or ENGL 295*	3	
[6] Unrestricted Elective	3	
~~BUAD 200~~	~~1~~	
Term 4		
[3]Arts and Humanities Elective*	3	2.5 Cumulative GPA and completion of following courses with C or better: MATH 123*-MATH 125* or MATH 141*-MATH 142*; CMST 210* or CMST 240*; ENGL 255* or ENGL 295*; ACCT 200; ECON 211*; ECON 213*; STAT 201* or STAT 207*; MGT 201
BUAD 242	2	

[5] MGT 201	3	
POLS 240	3	
STAT 201* or [5]STAT 207*	3	
[8]BUAD 200	1	
Term 5		
BUAD 205 or ECON 305 or MGT 311 or PHIL 244* or PHIL 252*	3	BUAD 242
[5] BUAD 331, [5] BUAD 332	4	
BUAD 341, BUAD 342	4	
[5] FINC 301	3	
[6] [5] Unrestricted Elective	1	
[8] BUAD 300	1	
Term 6		
ECON 311	3	2.5 cumulative GPA
[7] [6] Economics or Political Science Elective	6	BUAD 331, BUAD 332
[6] [5] Unrestricted Electives	4	ECON 311
Term 7		
BULW 301	2	No milestones
ECON 471	3	
POLS 441	3	
[6] [5] Unrestricted Elective	3	
[5] BUAD 453	3	
Term 8		
ECON 472	3	No milestones
[7] [6] Economics or Political Science Electives	6	
[6] [5] Unrestricted Elective	3	
[8] BUAD 405	1	
TOTAL	**120**	

[5] Students admitted to Global Leadership Scholars will complete honors versions of these courses: ACCT 207, BUAD 337, BUAD 338, BUAD 457, FINC 307, MGT 207, and STAT 207.

[6] [5] Any courses not already required for the major. Students admitted to Global Leadership Scholars will fulfill 10 hours of electives with the following courses – BUAD 217, BUAD 317, BUAD 417, BUAD 427, and BUAD 497.

[7] [6] Chosen from any four upper-division economics or political science courses. Students admitted to Global Leadership Scholars will fulfill nine hours of these electives through six hours of IB 492 internship credit and three hours of ECON 322, ECON 421 or IB 429.

[8] Students admitted to Global Leadership Scholars will not take these courses due to content being covered elsewhere in their curriculum.

Rationale: Intended to support students in Global Leadership Scholars who would like to pursue a major in Public Administration. Impact on other units: None. Financial impact: None.

COLLEGE OF COMMUNICATION AND INFORMATION
All changes effective fall 2017

COURSE CHANGES

School of Advertising and Public Relations

(ADVT) Advertising

Program Learning Outcomes for the B. S. in Advertising:
1. Understand the structure of the advertising industry.
2. Understand advertising's role in a marketing organization.
3. Understand the social, legal and economic consequences of advertising.
4. Understand strategy and tactics involved in developing and evaluating an advertising campaign.
5. Understand how to conduct secondary and primary advertising strategy research.
6. Understand how to translate research findings into actionable advertising and creative strategy.
7. Understand the basics of executing creative strategy visually and verbally.
8. Understand how to place advertising in appropriate advertising media.
9. Understand how to conceptualize and evaluate strategic alternatives.

ADD COURSE

ADVT 340R- Advertising and Public Relations Research Methods (3) Secondary data and primary research techniques for

advertising and public relations decisions.
(RE) Prerequisite(s): 250 or Public Relations 270
(RE) Corequisite(s): Statistics 201 or 207.
Registration Restriction(s): Advertising major.

Rationale: The course addition reflects the addition of an "R" designation to the Advertising and Public Relations Research Methods course. The R-subcommittee approved this course for an R-designation. Impact on other units: None. Financial impact: None. Additional documentation: None.
This supports Program Learning Outcomes 5 and 6 for the BS in Advertising. Support from assessment activities: Feedback from undergraduate council indicated the added value of research intensive courses for students; value added to student transcripts for completing courses that meet the criteria of being research intensive.

(PBRL) Public Relations

Program Learning Outcomes for the B. S. in Public Relations:
1. Understand the structure of the public relations industry, including job application requirements, hiring trends in the profession, and the wide range of career opportunities.
2. Understand public relations' role in the public, private, non-profit, and non-governmental sectors of society.
3. Understand the social, legal, economic, cultural, and ethical consequences of public relations.
4. Understand the social, legal, economic, cultural, and ethical issues – including historical – facing the public relations profession.
5. Understand the various types of research used in public relations.
6. Understand the research, strategy, and tactics involved in developing and evaluating a public relations campaign.
7. Understand how to conduct secondary and primary public relations research.
8. Understand how to translate research findings into actionable public relations strategies and tactics.
9. Understand the basics of executing public relations strategy visually and verbally.
10. Understand the resources used for the distribution of public relations materials, including media relations, among multiple media platforms.
11. Understand the communication/mass communication theories and practices governing the techniques of public relations writing.
12. Understand and appreciate the diversity of people, curricula, scholarship, research, and creative activities of the public relations discipline.
13. Understand how to work with others and to make a professional presentation to stakeholders/clients.
14. Understand international public relations and the best practices and impacts of practicing public relations in a global economy.

ADD COURSE

PBRL 340R Advertising and Public Relations Research Methods (3) Secondary data and primary research techniques for advertising and public relations decisions.
(RE) Prerequisite(s): 270 or Advertising 250
(RE) Corequisite(s): Statistics 201 or 207.
Registration Restriction(s): Public relations major.

Rationale: The course addition reflects the addition of an "R" designation to the Advertising and Public Relations Research Methods course. The R-subcommittee approved this course for an R-designation. Impact on other units: None. Financial impact: None. Additional documentation: None.
This supports Program Learning Outcomes 5, 6, 7, and 8 for the BS in Public Relations. Support from assessment activities: Feedback from undergraduate council indicated the added value of research intensive courses for students; value added to student transcripts for completing courses that meet the criteria of being research intensive.

COLLEGE OF EDUCATION, HEALTH, AND HUMAN SCIENCES
All changes effective fall 2017

COURSE CHANGES

DEPARTMENT OF EDUCATIONAL PSYCHOLOGY AND COUNSELING
(COUN) Counselor Education

Learning objectives for the Counseling MS programs
1. Students will demonstrate skills for individual counseling
2. Students will demonstrate skills for group counseling
3. Students will demonstrate an understanding of a theoretical orientation

ADD AND ARCHIVE

COUN 110 Career and Life Planning I (3) Basic career exploration and job seeking skills. Open only to students in the first semester of the FUTURE Postsecondary Education Program.
Grading Restriction: Satisfactory/No Credit grading only.
Registration Restriction(s): FUTURE students only. Instructor permission required.

Rationale: The FUTURE Program has been utilizing existing course numbers for our offerings for the past seven semesters. This course has been listed as a section of COUN 212. Having a designated course number will provide greater accuracy in registration and help prevent students outside of the FUTURE Program from enrolling, which has been an issue. This course is for FUTURE Program students only, not for regular UT undergraduates. Course Format: Lecture/On Campus. Impact on other units: None. Financial Impact: None. This course is currently taught by a graduate student and this will continue.
Learning outcomes supported: No outcomes affected by the change. Support from assessment activities: Director Tom Beeson and P.I. faculty, Dr. Gibbons of Counselor Education (EPC) and David Cihak of Special Education (TPTE) reviewed requirements for federal designation of a Comprehensive Transition Program (CTP). Certification as a CTP allows FUTURE Program students to use financial aid, when eligible. Creating permanent, separate courses for the FUTURE Program's students is needed to maintain the program under Comprehensive Transition Program requirements.

COUN 115 Digital Literacy I (3) Basic computer, tablet and smart phone technology. Open only to students in the first semester for the FUTURE Postsecondary Education Program
Grading Restriction: Satisfactory/No Credit grading only.
Registration Restriction(s): FUTURE students only. Instructor permission required.

Rationale: The FUTURE Program has been utilizing existing course numbers for our offerings for the past seven semesters. This course has been listed as a section of TPTE 495. Having a designated course number will provide greater accuracy in registration and help prevent students outside of the FUTRE Program from enrolling, which has been an issue. This course is for FUTURE Program students only, not for regular UT undergraduates. Course Format: Lecture/On Campus. Impact on other units: None. Financial Impact: None. This course is currently taught by a graduate student and this will continue.
Learning outcomes supported: No outcomes affected by the change. Support from assessment activities: Director Tom Beeson and P.I. faculty, Dr. Gibbons of Counselor Education (EPC) and David Cihak of Special Education (TPTE) reviewed requirements for federal designation of a Comprehensive Transition Program (CTP). Certification as a CTP allows FUTURE Program students to use financial aid, when eligible. Creating permanent, separate courses for the FUTURE Program's students is needed to maintain the program under Comprehensive Transition Program requirements.

COUN 120 Career and Life Planning II (3) Addresses workplace soft skills and continues career exploration and job seeking skills started in Career and Life Planning I; Open only to students in the FUTURE Postsecondary Education Program.
(RE) Prerequisite(s): 100
Grading Restriction: Satisfactory/No Credit grading only.
Registration Restriction(s): FUTURE students only. Instructor permission required.

Rationale: The FUTURE Program has been utilizing existing course numbers for our offerings for the past seven semesters. This course has been listed as a section of COUN 212. Having a designated course number will provide greater accuracy in registration and help prevent students outside of the FUTRE Program from enrolling, which has been an issue. This course is for FUTURE Program students only, not for regular UT undergraduates. Course Format: Lecture/On Campus. Impact on other units: None. Financial Impact: None. This course is currently taught by a graduate student and this will continue.
Learning outcomes supported: No outcomes affected by the change. Support from assessment activities: Director Tom Beeson and P.I. faculty, Dr. Gibbons of Counselor Education (EPC) and David Cihak of Special Education (TPTE) reviewed requirements for federal designation of a Comprehensive Transition Program (CTP). Certification as a CTP allows FUTURE Program students to use financial aid, when eligible. Creating permanent, separate courses for the FUTURE Program's students is needed to maintain the program under Comprehensive Transition Program requirements.

COUN 125 Digital Literacy II (3) Continues learning in basic computer, tablet and smart phone technology for students in the FUTURE Postsecondary Education Program. Open only to students in the second semester of the FUTURE Postsecondary Education Program.
(RE) Prerequisite(s): 115
Grading Restriction: Satisfactory/No Credit grading only.
Registration Restriction(s): FUTURE students only. Instructor permission required.

Rationale: The FUTURE Program has been utilizing existing course numbers for our offerings for the past seven semesters. This course has been listed as a section of TPTE 495. Having a designated course number will provide greater accuracy in registration and help prevent students outside of the FUTRE Program from enrolling, which has been an issue. This course is for FUTURE Program students only, not for regular UT undergraduates. Course Format: Lecture/On Campus. Impact on other units: None. Financial Impact: None. This course is currently taught by a graduate student and this will continue.
Learning outcomes supported: No outcomes affected by the change. Support from assessment activities: Director Tom Beeson and P.I. faculty, Dr. Gibbons of Counselor Education (EPC) and David Cihak of Special Education (TPTE) reviewed requirements for federal designation of a Comprehensive Transition Program (CTP). Certification as a CTP allows FUTURE Program students to use financial aid, when eligible. Creating permanent, separate courses for the FUTURE Program's students is needed to maintain the program under Comprehensive Transition Program requirements.

COUN 130 Career and Life Planning III (3) Advanced career exploration and job seeking skills for second year students in the FUTURE Postsecondary Education Program. Open only to students in the FUTURE Postsecondary Education Program.
(RE) Prerequisite(s): 120.
Grading Restriction: Satisfactory/No Credit grading only.
Registration Restriction(s): FUTURE students only. Instructor permission required.

Rationale: The FUTURE Program has been utilizing existing course numbers for our offerings for the past seven semesters. This course has been listed as a section of COUN 212. Having a designated course number will provide greater accuracy in registration

and help prevent students outside of the FUTRE Program from enrolling, which has been an issue. This course is for FUTURE Program students only, not for regular UT undergraduates. Course Format: Lecture/On Campus. Impact on other units: None. Financial Impact: None. This course is currently taught by a graduate student and this will continue.
Learning outcomes supported: No outcomes affected by the change. Support from assessment activities: Director Tom Beeson and P.I. faculty, Dr. Gibbons of Counselor Education (EPC) and David Cihak of Special Education (TPTE) reviewed requirements for federal designation of a Comprehensive Transition Program (CTP). Certification as a CTP allows FUTURE Program students to use financial aid, when eligible. Creating permanent, separate courses for the FUTURE Program's students is needed to maintain the program under Comprehensive Transition Program requirements.

COUN 135 Digital Literacy III (3) Continues learning in computer, tablet and smart phone technology for students in the FUTURE Postsecondary Education Program. Open only to students in the third semester of the FUTURE Postsecondary Education Program.
(RE) Prerequisite(s): 125
Grading Restriction: Satisfactory/No Credit grading only.
Registration Restriction(s): FUTURE students only. Instructor permission required.

Rationale: The FUTURE Program has been utilizing existing course numbers for our offerings for the past seven semesters. This course has been listed as a section of TPTE 495. Having a designated course number will provide greater accuracy in registration and help prevent students outside of the FUTRE Program from enrolling, which has been an issue. This course is for FUTURE Program students only, not for regular UT undergraduates. Course Format: Lecture/On Campus. Impact on other units: None. Financial Impact: None. This course is currently taught by a graduate student and this will continue.
Learning outcomes supported: No outcomes affected by the change. Support from assessment activities: Director Tom Beeson and P.I. faculty, Dr. Gibbons of Counselor Education (EPC) and David Cihak of Special Education (TPTE) reviewed requirements for federal designation of a Comprehensive Transition Program (CTP). Certification as a CTP allows FUTURE Program students to use financial aid, when eligible. Creating permanent, separate courses for the FUTURE Program's students is needed to maintain the program under Comprehensive Transition Program requirements.

COUN 140 Career and Life Planning IV (3) Skills from Career and Life Planning I, II, and III are applied in job search and other work settings. This course is open only to students in the FUTURE Postsecondary Education Program.
(RE) Prerequisite(s): 130.
Grading Restriction: Satisfactory/No Credit grading only.
Registration Restriction(s): FUTURE students only. Instructor permission required.

Rationale: The FUTURE Program has been utilizing existing course numbers for our offerings for the past seven semesters. This course has been listed as a section of COUN 212. Having a designated course number will provide greater accuracy in registration and help prevent students outside of the FUTRE Program from enrolling, which has been an issue. This course is for FUTURE Program students only, not for regular UT undergraduates. Course Format: Lecture/On Campus. Impact on other units: None. Financial Impact: None. This course is currently taught by a graduate student and this will continue.
Learning outcomes supported: No outcomes affected by the change. Support from assessment activities: Director Tom Beeson and P.I. faculty, Dr. Gibbons of Counselor Education (EPC) and David Cihak of Special Education (TPTE) reviewed requirements for federal designation of a Comprehensive Transition Program (CTP). Certification as a CTP allows FUTURE Program students to use financial aid, when eligible. Creating permanent, separate courses for the FUTURE Program's students is needed to maintain the program under Comprehensive Transition Program requirements.

COUN 145 Digital Literacy IV (3) Continues learning in computer, tablet and smart phone technology for students in the FUTURE Postsecondary Education Program. Open only to students in the fourth semester of the FUTURE Postsecondary Education Program.
(RE) Prerequisite(s): 135.
Grading Restriction: Satisfactory/No Credit grading only.
Registration Restriction(s): FUTURE students only. Instructor permission required.

Rationale: The FUTURE Program has been utilizing existing course numbers for our offerings for the past seven semesters. This course has been listed as a section of TPTE 495. Having a designated course number will provide greater accuracy in registration and help prevent students outside of the FUTRE Program from enrolling, which has been an issue. This course is for FUTURE Program students only, not for regular UT undergraduates. Course Format: Lecture/On Campus. Impact on other units: None. Financial Impact: None. This course is currently taught by a graduate student and this will continue.
Learning outcomes supported: No outcomes affected by the change. Support from assessment activities: Director Tom Beeson and P.I. faculty, Dr. Gibbons of Counselor Education (EPC) and David Cihak of Special Education (TPTE) reviewed requirements for federal designation of a Comprehensive Transition Program (CTP). Certification as a CTP allows FUTURE Program students to use financial aid, when eligible. Creating permanent, separate courses for the FUTURE Program's students is needed to maintain the program under Comprehensive Transition Program requirements.

COUN 150 Life Skills (3) Addresses broad set of skills that young adults need in order to live independently, including goal setting, health and exercise, budgeting, decision making, domestic skills, study skills, and personal safety. This course is open only to students in the FUTURE Postsecondary Education Program.
Grading Restriction: Satisfactory/No Credit grading only.
Repeatability: May be repeated. Maximum 12 hours.
Registration Restriction(s): FUTURE students only. Instructor permission required.

Rationale: The FUTURE Program has been utilizing existing course numbers for our offerings for the past seven semesters. This course has been listed as a section of TPTE 495. Having a designated course number will provide greater accuracy in registration

and help prevent students outside of the FUTRE Program from enrolling, which has been an issue. This course is for FUTURE Program students only, not for regular UT undergraduates. Course Format: Lecture/On Campus. Impact on other units: None. Financial Impact: None. This course is currently taught by a graduate student and this will continue.
Learning outcomes supported: No outcomes affected by the change. Support from assessment activities: Director Tom Beeson and P.I. faculty, Dr. Gibbons of Counselor Education (EPC) and David Cihak of Special Education (TPTE) reviewed requirements for federal designation of a Comprehensive Transition Program (CTP). Certification as a CTP allows FUTURE Program students to use financial aid, when eligible. Creating permanent, separate courses for the FUTURE Program's students is needed to maintain the program under Comprehensive Transition Program requirements.

COUN 160 Personalized Learning (6) This course is designed for students enrolled in the FUTURE Program's optional third year. Personalized Learning is a student focused curriculum which includes: further instruction in the three main program content areas: digital literacy, life skills and career and life; identification of learning interests and the development of and initial implementation of a lifelong learning; work at a paid or unpaid internship; refinement of written communication, self-expression, and personal reflection skills.
Grading Restriction: Satisfactory/No Credit grading only.
Repeatability: May be repeated. Maximum 12 hours.
Registration Restriction(s): FUTURE students only. Instructor permission required.

Rationale: The FUTURE Program has been utilizing existing course numbers for our offerings for the past seven semesters. This course has been listed as a section of TPTE 495. Having a designated course number will provide greater accuracy in registration and help prevent students outside of the FUTRE Program from enrolling, which has been an issue. This course is for FUTURE Program students only, not for regular UT undergraduates. Course Format: Lecture/On Campus and experiential learning. Impact on other units: None. Financial Impact: There should be no new financial impact. This course will be taught by current FUTURE Program staff.
Learning outcomes supported: No outcomes affected by the change. Support from assessment activities: Director Tom Beeson and P.I. faculty, Dr. Gibbons of Counselor Education (EPC) and David Cihak of Special Education (TPTE) reviewed requirements for federal designation of a Comprehensive Transition Program (CTP).

ADD

COUN 333 Service Learning with Students with Intellectual and Developmental Disabilities (3) Through service learning experiences, students will learn about postsecondary education for young adults with intellectual and developmental disabilities. Service learning requirement of a minimum of 60 hours outside the classroom.
Repeatability: May be repeated up to 9 credit hours.

Rationale: This course will help UT undergraduate students gain experience working with students with intellectual and developmental disabilities and better understand service learning. The course and the students' service work with persons with intellectual and developmental disabilities supports the FUTURE program, a certificate program that provides postsecondary education for students with intellectual and developmental disabilities. The FUTURE program empowers students to achieve gainful employment in our community. See http://futureut.utk.edu for more information. Course Format: Course will be taught on campus as a traditional lecture/seminar course. Impact on other units: This course is available as a service-learning elective to any undergraduate student at our university. Special Education students can take this course as a substitute for RSM 226, so it serves as an option for a required course. Financial impact: The course is taught by a doctoral student in counselor education or special education, so no financial impact is anticipated. This course has been taught as a special topics class for multiple semesters. Student Learning Outcomes: The course does not apply to the SACS SLOs for the Counselor Education or Special Education programs. Support from Assessment Activities: Student demand has been sufficient for a special topics course (Fall 2016 = 7 students; Spring 2016 = 16 students). We try to keep the enrollment to 15 or less because of the intensive service learning project each student completes during the semester. Counselor Education doctoral student interest in teaching undergraduate courses such as this, under close faculty supervision, is high.

DEPARTMENT OF KINESIOLOGY, RECREATION, AND SPORT STUDIES

(RSM) Recreation and Sport Management

Learning objectives for the BS degree in Recreation and Sport Management
1. Students will apply sport management and therapeutic recreation principles in professional settings.
2. Students will understand the foundational knowledge and skills need in the sport management and therapeutic recreation profession.
3. Students will demonstrate capacity for critical thinking.

DROP

RSM 226 Therapeutic Recreation Programming I (3)

Rationale: Due to the rise in the number of students in our major, several students face the challenge of completing both RSM 226 and 326 which are required and therefore end up substituting another course in place of RSM 326. By dropping RSM 226 and making it an unrestrictive elective, this would eliminate this issue as well as add another much needed elective in the Therapeutic Recreation curriculum. Footnote 5 in the showcase will be added to provide approved electives for student to take which should help eliminate substitution forms. Impact on other units: Yes, the proposed change alters courses required by other programs, AUSP, SPED INT with ELEM Ed, SPED INT with SEC ED, CFS Community Outreach. A blanket petition has already been created and put

in place by College advising. RSM 226 is a high demand course. Students will take RSM 326 in its place and the capacity has been adjusted to accommodate this change. RSM 226 is a pre-requisite for RSM 326 which will be removed. Financial impact: none. Support from assessment activities: Accreditation review and Faculty review of curriculum.

ADD

RSM 294 Therapeutic Recreation Practicum I (3) Supervised part-time field experience (minimum of 120 clock hours) at an approved site.
Grading Restriction: A, B, C, No Credit grading only.
(RE) Prerequisite(s): 201.
Comment(s): Students must have a minimum required GPA of 2.5 for enrollment in this course.
Registration Restriction(s): Therapeutic Recreation major.

Rationale: Both Sport Management and Therapeutic Recreation concentrations shared the same course number for the Practicum and Internships. The changes in course numbers and course titles will eliminate any confusion as to which class students in each concentration should register for. Impact on other units: none. Financial impact: none.
Support from assessment activities: Accreditation review and Faculty review of curriculum.

RSM 394 Therapeutic Recreation Practicum II (3) Supervised part-time field experience (minimum of 120 clock hours) at an approved site.
Grading Restriction: A, B, C, No Credit grading only.
(RE) Prerequisite(s): 294.
Comment(s): Students must have a minimum required GPA of 2.5 for enrollment in this course.
Registration Restriction(s): Therapeutic Recreation major.

Rationale: Both Sport Management and Therapeutic Recreation concentrations shared the same course number for the Practicum and Internships. The changes in course numbers and course titles will eliminate any confusion as to which class students in each concentration should register for. Impact on other units: none. Financial impact: none.
Support from assessment activities: Accreditation review and Faculty review of curriculum.

RSM 494 Therapeutic Recreation Internship (6-12) Supervised work experience at an approved site offering. Emphasis on managerial tasks and administrative procedures.
Grading Restriction: A, B, C, No Credit grading only.
Repeatability: May be repeated. Maximum 12 hours.
(RE) Prerequisite(s): 394.
Comment(s): Therapeutic Recreation sites must meet NCTRC Standards. Enrollment for 2 semesters (6 hours each) or 1 semester (12 hours). Total of 12 hours required. Students must have a minimum required GPA of 2.5 for enrollment in this course.
Registration Restriction(s): Therapeutic Recreation major; minimum student level – senior.

Rationale: Both Sport Management and Therapeutic Recreation concentrations shared the same course number for the Practicum and Internships. The changes in course numbers and course titles will eliminate any confusion as to which class students in each concentration should register for. Impact on other units: none. Financial impact: none.
Support from assessment activities: Accreditation review and Faculty review of curriculum.

DEPARTMENT OF RETAIL, HOSPITALITY, AND TOURISM MANAGEMENT

(HRT) Hotel, Restaurant, and Tourism

Learning objectives
1. Demonstrate knowledge, skills, and abilities to manage a hospitality and tourism business.
2. Demonstrate a level of critical thinking skills relative to problem solving and decision making as applied to the hospitality industry.
3. Effectively communicate knowledge, interpretations, and arguments in writing and in formal oral presentations.

ADD

HRT 150 Career Planning (1) This class focuses on resumes, cover letters, job interviewing, and professional interaction skills in the Retail, Hospitality, and Tourism Management industry.
Grading Restriction: Satisfactory/No Credit grading only.

Rationale: This material has always been a part of HRT 390 Professional Development. After discussion as a faculty, we feel a more focused approach will be more effective. In addition, this will allow the leadership component of HRT 390 to be expanded. Impact on Other Units: No impact on other units. The course is not a general university elective, tracking or high demand course. The course will serve as an HRT required course. Financial Impact: No impact on other academic units. This will be an additional credit added to the major, but we will be dropping one credit from HRT 410.
Learning Outcomes Supported: None. Assessment Activities: Based upon guidance from department advisory board.

DEPARTMENT OF THEORY AND PRACTICE IN TEACHER EDUCATION

Spec Ed BS ASP Learner Outcomes

1. (From InTASC Standard 2) Uses understanding of individual differences and diverse cultures and communities to promote inclusive learning and/or social environments that enable all individuals to meet high standards.
2. (from InTASC Standard 10) Seeks appropriate roles and opportunities to take responsibility for well-being of individuals with disabilities, to collaborate with students, families, colleagues, school professionals, and community members to ensure individual learner growth, and to advance well-being of individuals with disabilities.

Spec Ed BS Learner Outcomes

1. Planning (for Modified/Comprehensive and Deaf/Hard of Hearing Concentrations) Proposes appropriate curricular objectives based on State and/or Common Core Standards.
2. Instruction (for Modified/Comprehensive and Deaf/Hard of Hearing Concentrations) Develops instructional activities that take into account students' strengths, interests, and needs to enable each student to advance and accelerate his/her learning.
3. Assessment (for Modified/Comprehensive and Deaf/Hard of Hearing Concentrations) Combines formative and summative assessment as appropriate to support, verify, and document learning.
4. (For Modified/Comprehensive; Deaf/Hard of Hearing; and Educational Interpreting Concentrations) Uses current technologies to maximize content learning in varied contexts.
5. Learning Environments (for Modified/Comprehensive; Deaf/Hard of Hearing; and Educational Interpreting Concentrations) Designs a safe, positive learning climate of openness, mutual respect, support, and inquiry.
6. (for Educational Interpreting and Communication Disorders Majors) (From InTASC Standard 2) Uses understanding of individual differences and diverse cultures and communities to promote inclusive learning and/or social environments that enable all individuals to meet high standards.
7. a-b (For Educational Interpreting Majors) (from InTASC Standard 10) Seeks appropriate roles and opportunities to take responsibility for well-being of individuals with disabilities, to collaborate with students, families, colleagues, school professionals, and community members to ensure individual learner growth, and to advance well-being of individuals with disabilities.

(AUSP) Audiology and Speech Pathology

DROP

AUSP 431 Stuttering (3)
AUSP 440 Voice Disorders (3)
AUSP 445 Clinical Practice in Audiology (1-4)

Rationale: AUSP 431 and 440 were removed from the undergraduate curriculum and into the graduate curriculum several years ago. They will continue to be offered through UTHSC to all M.S. in Speech Language Pathology students. Non-majors at UTK do not take these courses, but on the rare occasion that a UTK graduate student (non MS SLP students) requests enrollment, it there is room in the course, the student may apply via transient application to UTHSC and enroll via UTHSC Banner per consent of the instructor. AUSP 445 has not been offered in several years and therefore, needs to be dropped. Impact on other units: none. Financial impact: none.
Learner outcomes supported by this change: no learner outcomes are impacted by this change. Support for this change from assessment activities: no assessment activities were conducted.

MOVE DIVISION

(CSE) Cultural Studies in Education
Formerly under Educational Psychology and Counseling – both active undergraduate courses will be revised to reflect the new department.

✳ CSE 200 Survey of International Education (3)

CSE 300 Social Justice, Education and Service Learning (3)

Rationale: Cultural Studies faculty, programs and courses are moving from Educational Psychology and Counseling (EPC) to Theory & Practice in Teacher Education (TPTE) effective in 2017. Cultural Studies content is better aligned with the mission of TPTE than EPC. Impact on other units: none. Course format and location: traditional on-campus. Financial impact: none. All of the resources will be moving as well to support this change.
Learner outcomes supported by this change: no learner outcomes are impacted by this change. Support from assessment activities: none.

(WLEL) World Language/English as a Second Language Education

ADD

WLEL 445 Teaching World Languages: Grades PreK-5 (3) ACTFL standards-based pedagogy, curricula, research and instructional resources focused on the PreK-5 WL classroom.
Recommended Background: Completion or near completion of world language hours for certification.
Registration Restriction(s): Admission to Teacher Education or consent of instructor.

Rationale: The state of Tennessee now offers PreK-12 licensure in world languages. Teaching WL: Grades PreK-6 has been offered as a TPTE 593 or 595 course for several years and it is now time to give it a WLEL course number. This course will be offered for both UG and Grad credit and will be submitted to the Grad CRC at the Nov 2016 meeting. Impact on other units: none. Format and

course location: this course is offered online with regular virtual real-time class meetings. Financial impact: none. This course is already being taught by current WLEL faculty.
Learner outcomes supported by this change: no learner outcomes are impacted by this change. Support from assessment activities: This change is necessary to comply with state licensing requirements in world languages

WLEL 475 Grammar for ESL Teachers (3) Pedagogical approaches, second language acquisition research and resources for teaching English grammar to English language learners. Required for PreK-12 ESL licensure.
Recommended Background: Completion or near completion of hours for ESL certification.

Rationale: The state of Tennessee requires a pedagogical grammar class for PreK-12 ESL licensure. In recent years, TPTE 595 was the course number assigned to this class. It is now time to give it a WLEL course number. This course will be offered for both UG and Grad credit and will be submitted to the Grad CRC at the Nov 2016 meeting. Impact on other units: none. Course format and location: this class is offered in a traditional on-campus format. Financial impact: none. This course is already being taught by current WLEL faculty.
Learner outcomes supported by this change: no learner outcomes are impacted by this change. Support from assessment activities: this change is necessary to comply with state licensing requirements in English as a Second Language.

TEXT AND PROGRAM CHANGES

REVISE TEXT

College of Education, Health, and Human Sciences
(Main college page)

Minors
The academic departments within the College of Education, Health and Human Sciences offer minors in American Sign Language, art education, child and family studies, elementary education (for Arts and Sciences students only), English as a second language education, leadership studies, mathematics education grades 6-8 and science education grades 6-8 (for Arts and Sciences students only), nutrition, public health, restaurant and food service management, retail and consumer sciences, retail technology, secondary education (for Arts and Sciences students only), tourism and hospitality management, VolsTeach Mathematics, VolsTeach Science, and world language education.

VolsTeach
Students pursuing a major in selected programs in the College of Arts and Sciences are eligible to participate in the University's VolsTeach program (http://volsteach.utk.edu/), which permits students to simultaneously complete a major in mathematics or science and receive secondary education teaching licensure within this 4-year undergraduate program. For more information about VolsTeach, including advising associated with teaching licensure requirements, contact the Office of Student Services in the College of Education, Health, and Human Sciences (332 Bailey Education Complex) ~~Center for Enhancing Education in Mathematics and Science (101 Greve Hall)~~.

Admission into the Teacher Education Program through VolsTeach (Secondary Math and Sciences)
VolsTeach applicants will be reviewed by VolsTeach faculty from their academic discipline and teacher education as well as master teachers. Admission to Teacher Education through VolsTeach is based upon performance throughout the VolsTeach courses, performance in content-area courses, and demonstration of skills and dispositions needed to be an effective teacher. VolsTeach applicants must meet all other progression requirements associated with admission into Teacher Education. For more information about VolsTeach, including advising associated with teaching licensure requirements, contact the Office of Student Services in the College of Education, Health, and Human Sciences (332 Bailey Education Complex) ~~Center for Enhancing Education in Mathematics and Science (101 Greve Hall)~~.

Rationale: Based upon demand and increased interest from students and advisors, we are adding a minor in American Sign Language (ASL). This increase in demand stems from the decision to allow ASL to satisfy the cultures and civilizations (CC) general education requirement and also stems from increased societal interest generally in deaf culture. Additionally, we are adding minors in VolsTeach Mathematics and VolsTeach Science. VolsTeach courses provide educational licensure to students who are majoring in STEM disciplines. While these students' majors are within the College of Arts and Sciences, their minor is more consistent with the mission of TPTE. VolsTeach faculty members have been increasingly included within TPTE, and VolsTeach students get advising and licensure from TPTE. The close association of VolsTeach with TPTE makes it logical to move the minor. Impact on other units: none. The College of Arts and Sciences is in agreement with moving the VolsTeach minors to TPTE. Financial impact: The addition of the ASL minor will lead to greater enrollment in minor courses. We do not anticipate a change in ASL 211 and 212 since the request for an ASL minor is coming from students already enrolled in these courses to satisfy cultures and civilizations (CC) requirement. We do anticipate an increase in enrollment in ASL 311 and 435. Only majors are currently taking 311 and there is room for more students. Based on demand, we can add a summer section of 311 as well. Dr. Davis, instructor of ASL 435, has agreed to accommodate minor students into his class, increasing the size of his class if demand is high. Because of the plan reflected here to accommodate increased enrollment with current faculty, we do not anticipate a financial impact. There should be no financial impact for adding the VolsTeach minors to TPTE as the program and classes are already being offered and taught by current faculty. The move may have some positive financial impact by increasing efficiency and streamlining interactions. The move should provide a more seamless mechanism of course substitution between VolsTeach and other TPTE courses when necessary.
Learner outcomes supported by this change: there are no learner outcomes for a minor. Support from assessment activities: this change is based on the demand for an ASL minor from students and advisors as noted in the rationale.

Rationale: We are adding minors in VolsTeach Mathematics and VolsTeach Science. VolsTeach courses provide educational licensure to students who are majoring in STEM disciplines. While these students' majors are within the College of Arts and Sciences, their minor is more consistent with the mission of TPTE. VolsTeach faculty members have been increasingly included within TPTE, and VolsTeach students get advising and licensure from TPTE. The close association of VolsTeach with TPTE makes it logical to move the minor. Because the minors are moving to TPTE we have removed the remainder of the sentence on line 6 that says offered through the College of Arts & Sciences. Impact on other units: Impact on other units: none. The College of Arts and Sciences is in agreement with moving the VolsTeach minors to TPTE. Financial impact: There should be no financial impact for adding the VolsTeach minors to TPTE as the program and classes are already being offered and taught by current faculty. The move may have some positive financial impact by increasing efficiency and streamlining interactions. The move should provide a more seamless mechanism of course substitution between VolsTeach and other TPTE courses when necessary.
Learner outcomes supported by this change: there are no learner outcomes for a minor. Support from assessment activities: this change is based on the demand for an ASL minor from students and advisors as noted in the rationale.

DEPARTMENT OF KINESIOLOGY, RECREATION, AND SPORT STUDIES

(KNS) Kinesiology

Learning objectives for the BS degree in Kinesiology
1. Students will demonstrate an understanding of key disciplinary knowledge.
2. Students will use disciplinary knowledge in practical settings related to the major.
3. Student will demonstrate capacity for critical thinking.

REVISE TEXT

Kinesiology Major, BS in Education
(Main program page - note – no change to Service Learning Honors Program statement)

The Kinesiology major prepares students for a variety of careers in health-related fitness and for graduate or professional study in various fields within kinesiology (exercise physiology, biomechanics, sport psychology, motor behavior, physical activity epidemiology, etc.), allied health professions (physical therapy, occupational therapy, physician assistant, chiropractic, athletic training, etc.) and medicine. Incoming freshmen ("first year students") can enter the Kinesiology major when they start at UT, or during their first two years. Transfer students can enter the Kinesiology major when they start at UT. ~~medicine, allied health professions (including physical therapy), and various fields within kinesiology (exercise physiology, biomechanics, sport psychology, etc.).~~

If a chosen career path will require graduate school, a student should know that planning for that starts now. Educational preparation as an undergraduate is an essential part of success later on. Many students arrive at the university with the goal to become a physician, physical therapist, or other health professional, but they have little knowledge of what the profession is really like or of its demands. Because competition is so intense in medicine and other health professions, students should become as familiar as possible with the career they are pursuing, including the additional education requirements and the minimum GPA and grades in specific courses to be competitive for admission to graduate study.

Major Requirements & Rules ~~**Progression and Retention Requirements**~~

Advising Transition
Academic advising for freshmen, sophomores, and transfer students in the Kinesiology major occurs in the College of Education, Health, and Human Sciences' Office of Student Services (BEC 332). To transition from college to department advising, the student must complete an application form and submit it to department advising staff (322 HPER or via email to the staff member listed on the application). College and department advising staff will assist students making this transition.

uTrack students will transition from college to department advising upon completion of the following:
- A minimum cumulative UT GPA of 2.5 after a minimum of 45 hours of coursework.
- Completion of Mathematics 125 or 141, Kinesiology 100, Chemistry 130, and Physics 221. These are the uTrack milestones for the first four terms.
- All of these courses must be completed with a C or better.

~~Admission into the kinesiology major requires a minimum undergraduate cumulative GPA of 2.5 after a minimum of 45 hours of coursework and completion of KNS 100, CHEM 120*, and PHYS 221*.~~

Students not following uTrack requirements must apply for transition from college to department advising ~~to the kinesiology major~~ prior to the completion of 75 hours of coursework. Hours earned through AP credit or dual enrollment while in high school do not count toward this total. ~~Applications to the Kinesiology major can be obtained by visiting HPER 322. Once the application is complete and all requirements are met, students will be scheduled for a transcript evaluation meeting with department advising staff.~~ These students must also meet the following criteria:
- Achievement of a minimum cumulative UT GPA of 2.5 after a minimum of 45 hours of coursework.
- Completion Kinesiology 100, Chemistry 120, and Physics 221.
- All of these courses must be completed with a C or better.

~~Students following the 2013-2014 catalog or a subsequent version will transition from college to department advising upon completion of Term 4 requirements as listed in the table below. College and department advising personnel will assist students in~~

~~making this transition.~~

Applications for the transition from college to department advising can be obtained by visiting HPER 322 or the Kinesiology, Recreation, and Sport Studies department website. Once the application form is approved by the department, students will be emailed a letter with the name and contact information of their new department advisor. Students will then be responsible for scheduling a meeting with their new advisor for an advising appointment in HPER.

Minimum Grades and Required GPA for Continuation in the Major
Students who do not earn a C or better in Mathematics 125 or 141, Physics 221, and Kinesiology 332 will not be allowed to take Kinesiology 422 (Biomechanics of Human Movement.) Students who do not earn a C or better in Chemistry 120, Chemistry 130, and Biochemistry and Cellular and Molecular Biology 230 will not be allowed to take Kinesiology 414 (Fitness Testing and Exercise Prescription) or Kinesiology 480 (Physiology of Exercise.)

All Kinesiology courses, Professional Electives, Department Electives, Mathematics 125 or 141, Chemistry 120, Chemistry 130, Physics 221, Physics 222, and Biochemistry and Cellular and Molecular Biology 230 (or any course(s) used as a substitute for these requirements) must all be passed with a C or better to graduate.

Kinesiology majors must maintain a cumulative UT GPA of 2.5 or higher to register for any required 400-level Kinesiology courses (414, 422, and 480) and to graduate.

~~Any professional courses, taken before or after progression into the kinesiology program, must be passed with a minimum letter grade of C. No professional courses with a grade below C will be counted toward the major. Professional courses are BCMB 230, all kinesiology courses, and all professional and department electives.~~

~~Students admitted into the kinesiology major must have a cumulative GPA of 2.5 to register for all 400-level kinesiology classes.~~

Rationale: The Kinesiology major description text was rewritten to reflect our policies regarding advising and uTrack requirements as well as removing "progression" as recommended by the UG Curriculum Committee. The description text now explicitly states what field(s) students can pursue and clarifies what students need to do to prepare for their future. In addition, the description text now explains the process of what students need to do in order to transition into departmental advising. Revisions were made to the uTrack requirements to better describe how it works and who it impacts. The description text now provides information to students entering the major as upper classmen, describes the transition from college to department advising, and the minimum GPA and course requirements that must be met in order to make the transition. Previously students needed to pass Chemistry, Physics, and Math to enroll in major KNS courses and to graduate (i.e. D- or better). While BCMB 230 and KNS 332 have always required a C or better to graduate, passing the class (D- or better) was the standard to enter KNS 480, KNS 414, and KNS 422. Often students would then re-take BCMB 230 and/or KNS 332 at a later time in order to graduate (which potentially undermines the spirit of having these courses as prerequisites). The changes reflected in points a-d aim to create a consistency of expectations to successfully pursue a degree in Kinesiology. The faculty believe the currently accepted D or better is not adequate preparation for the course(s) the prerequisite leads to. Impact on other units: This change may impact the number of students that have to retake key courses in order to make the required grade of C or better. These key courses include: Chemistry 120, Chemistry 130, Physics 221, Physics 222, Math 125, or 141, Kinesiology 332, BCMB 230. Financial impact: none.
Support from assessment activities: No assessment activities were conducted.

REVISE REQUIREMENTS

Requirements for the Bachelor of Science in Education – Kinesiology Major

Term 1	Hours	Milestone Notes
[1]Arts and Humanities Elective*	3	2.5 ~~2.3~~ cumulative GPA
CHEM 120* or CHEM 128*	4	
ENGL 101* or ENGL 118*	3	
[2]MATH 125* or MATH 141* or MATH 147*	3	
[3]Physical Education Activity Program Elective	2	
Term 2		
CHEM 130* or CHEM 138*	4	MATH 125* or MATH 141* with a grade of C or better
ENGL 102*	3	
MATH 115* or STAT 201* or STAT 207*	3	
PSYC 110* or PSYC 117*	3	
[4]Unrestricted Elective	3	
Term 3		
BCMB 230	5	~~2.5 cumulative GPA~~
CMST 210*, CMST 217*, CMST 240*, or CMST 247*	3	CHEM 130* with a grade of C or better
KNS 100	1	
PHYS 221*	4	
[3]Physical Education Activity Program Elective	2	
Term 4		
[1]Arts and Humanities Elective*	3	KNS 100 with a grade of C or better

[1]Cultures and Civilizations Elective*	3	PHYS 221* with a grade of C or better
KNS 260	1	
NUTR 100*	3	
PHYS 222*	4	
Term 5		
ENGL 295* or ENGL 360* or PHIL 252* or PHIL 345*	3	BCMB 230 with a grade of C or better
[6]Professional Electives ~~[5]Department Electives~~	6	
KNS 332	3	
[1]Social Sciences Elective*	3	
Term 6		
[1]Cultures and Civilizations Elective*	3	KNS 332 with a grade of C or better
KNS 350	3	
[8]Kinesiology Elective	3	
[6]Professional Electives	6	
Term 7		
[5]Department Elective	3	No milestones
[7]KNS 414, [7]KNS 422	6	
[2, 4] Unrestricted Electives	6	
Term 8		
[7]KNS 480	3	No milestones
[6]Professional Electives	9	
[2, 4] Unrestricted Elective	3	
TOTAL	**120**	

[2] If math placement score is not high enough to enter into MATH 125* or MATH 141* directly, MATH 119 or MATH 123* or MATH 130* is recommended. If taken, MATH 119, MATH 123*, or MATH 130* can be counted as an unrestricted ~~a general~~ elective.

[5] Select courses from KNS 231, KNS 290, KNS 334, KNS 335, KNS 365, KNS 370, KNS 380, KNS 426, KNS 440, KNS 450, KNS 485, KNS 490, KNS 493, KNS 497; RSM 226, RSM 326, RSM 335, RSM 336, RSM 337, RSM 338, RSM 370, RSM 405, RSM 415, RSM 424, RSM 426, RSM 450. Students must earn a C or better in these courses. ~~Department electives must be passed with a minimum grade of "C."~~

[6] Select courses from ACCT 200; ANTH 480; any BCMB course; BIOL 101*, BIOL 102*, BIOL 150*, BIOL 160*, BIOL 159*, BIOL 220, BIOL 229, BIOL 240, BIOL 260, BIOL 269; CFS 210*; CHEM 350, CHEM 358, CHEM 360, CHEM 368, CHEM 369; CLAS 273; COSC 100*; ECON 201*; EEB 240; FINC 300; KNS 231, KNS 290, KNS 334, KNS 335, KNS 365, KNS 370, KNS 380, KNS 426, KNS 440, KNS 450, KNS 485, KNS 490, KNS 493, KNS 497; MARK 300; MGT 201, MGT 300; MICR 210*; NURS 201, NURS 351; NUTR 302; PHIL 244*, PHIL 252*; PSYC 220, PSYC 300, PSYC 301, PSYC 310, PSYC 320, PSYC 330, PSYC 360, PSYC 382, PSYC 400, PSYC 410, PSYC 430, PSYC 431, PSYC 434, PSYC 435, PSYC 440, PSYC 461, PSYC 470, PSYC 475, PSYC 480, PSYC 482, PSYC 496; PUBH 201, PUBH 202, PUBH 315, PUBH 350, PUBH 401; RSM 226, RSM 326, RSM 335, RSM 336, RSM 337, RSM 338, RSM 370, RSM 405, RSM 415, RSM 424, RSM 426, RSM 450; STAT 201*. Students must earn a C or better in these courses. ~~Professional electives must be passed with a minimum grade of "C."~~ Other courses not listed here may be petitioned to count as kinesiology professional electives with approval of the assigned kinesiology faculty advisor. Check with advisor prior to taking the course. Courses selected as professional electives cannot be used to fulfill additional requirements in the program.

[7] Kinesiology students must have a cumulative minimum GPA of 2.5 to register for these courses. Students must earn a C or better in these courses.

[8] Select one course from KNS 231, KNS 290, or KNS 335. Students must earn a C or better in this course.

Rationale: The first uTrack milestone GPA has been changed from a 2.3 GPA to a 2.5 GPA. This change was made because the major requires a 2.5 to progress to departmental advising, enroll in 414, 480, and 422, and to graduate. In the advisors' experience, students who start out college with a lower GPA are not likely to recover because the curriculum continues to be difficult. In addition to providing consistency to the GPA milestones, this change may help guide students in switching to a different major earlier in their college career. Previously students needed to pass Chemistry, Physics, and Math to enroll in major KNS courses and to graduate (i.e. D- or better). While BCMB 230 and KNS 332 have always required a C or better to graduate, passing the class (D- or better) was the standard to enter KNS 480, KNS 414, and KNS 422. Often students would then re-take BCMB 230 and/or KNS 332 at a later time in order to graduate (which potentially undermines the spirit of having these courses as prerequisites). The changes reflected in points a-d aim to create a consistency of expectations to successfully pursue a degree in Kinesiology. The faculty believe the currently accepted D or better is not adequate preparation for the course the prerequisite leads to. Students perform poorly in Kinesiology courses, if they have a D in the basic science prerequisites. uTrack milestones will now require a C or better to be met. It was added to the departmental description and requirements of the Kinesiology major to explicitly state that these courses must be passed with a C or better to be admitted to departmental advising (progress in the major). It also states that these courses must be passed with a C or better to graduate. The course descriptions for KNS 414, KNS 480, and KNS 422 will now explicitly state that a C or better is required for these classes. KNS 414 and KNS 480 course descriptions will indicate that registration requires a C or better in Chemistry 120/130 and a C or better in BCMB 230. KNS 422 course description will indicate that registration requires a C or better in Math 125 or 141, a C or better in Physics 221, and a C or better in KNS 332. Impact on other units: This change may impact the number of students that have to retake key courses in order to make the required grade of C or

better. These key courses include: Chemistry 120, Chemistry 130, Physics 221, Physics 222, Math 125, or 141, Kinesiology 332, BCMB 230. Financial impact: none.
Support from assessment activities: No assessment activities were conducted.

(RSM) Recreation and Sport Management

Learning objectives for the BS degree in Recreation and Sport Management
1. Students will apply sport management and therapeutic recreation principles in professional settings.
2. Students will understand the foundational knowledge and skills need in the sport management and therapeutic recreation profession.
3. Students will demonstrate capacity for critical thinking.

REVISE TEXT

Recreation and Sport Management Major, BS in Education – Sport Management Concentration
(Main program page - note that there are no changes to the first or last paragraphs)

Major Requirements & Rules ~~**Progression Requirements**~~

Advising Transition
Academic advising for freshmen, sophomores, and transfer students in the Recreation and Sport Management major occurs in the College of Education, Health, and Human Sciences' Office of Advising and Student Services (BEC 332). To transition from college to department advising, the student must complete an application form and submit it to department advising staff (322 HPER or via email to the staff member listed on the application.) Applications for the transition from college to department advising can be obtained by visiting HPER 322 or the Kinesiology, Recreation, and Sport Studies department website (krss.utk.edu). College and department advising staff will assist students making this transition.

~~Students must submit an application upon meeting the following minimum criteria.~~

- ~~Minimum of 30 semester hours earned.~~
- ~~Minimum 2.5 GPA for all college work.~~
- ~~Completion of RSM 100 and RSM 250 with a grade of C or better.~~
- ~~Completion of ENGL 101* and ENGL 102*, and MATH 125* or MATH 141*.~~

~~**Board of Admissions**~~
The Board of Admissions meets at the end of each term to review applications. Applications must be submitted by December 1, May 1, or August ~~July~~ 1 to be considered for the following term. A complete application and all transition criteria ~~progression requirements~~ must be met to transition ~~be admitted~~.

Minimum Grades and Required GPA for Continuation in the Major ~~**Retention**~~
Any Recreation and Sport Management course taken ~~before or after progression into the Sport Management concentration~~ must be passed with a minimum grade of C. A 2.5 GPA is required to register for RSM 290, RSM 390, and RSM 490 and to graduate. Students will submit an application to transition after meeting the following minimum criteria:

- Minimum of 30 semester hours earned.
- Minimum cumulative University of Tennessee GPA of 2.5
- Completion of RSM 100 with a grade of C or better
- Completion of RSM 250 with a grade of C or better
- Successful completion of ENGL 101* and ENGL 102*, and MATH 125* or MATH 141*

Once the application is approved by the department, students will be emailed an acceptance letter with the name and contact information of their new department advisor. Students will then be responsible for scheduling a meeting with their new advisor for entrance advising to complete the process.

Rationale: The Recreation and Sport Management major description text was rewritten to reflect our policies regarding advising and uTrack requirements, as well as removing "progression" as recommended by the UG Curriculum Committee. The major requires a 2.5 to progress to departmental advising, enroll in 290, 390, and 490, and to graduate. In the advisors' experience, students who start out college with a lower GPA are not likely to recover because the curriculum continues to be difficult. In addition to providing consistency to the GPA milestones, this change may help guide students in switching to a different major earlier in their college career. Impact on other units: none. Financial impact: none.
Support from assessment activities: No assessment activities were conducted.
Administrative note: The department submitted changes to the standard uTrack statement, but these changes were not included here. This uTrack statement is standard university-wide and no department or college may change it.

REVISE REQUIREMENTS

Requirements for the Bachelor of Science Education – Recreation and Sport Management Major – Sport Management Concentration

Term 1	Hours	Milestone Notes
[1]Cultures and Civilizations Elective*	3	2.5 cumulative GPA

ENGL 101* or ENGL 118*	3	
~~RSM 100~~	~~1~~	
[1]Social Sciences Elective*	3	
[2]Unrestricted Electives	6	
Term 2		
[1]Arts and Humanities Elective*	3	2.5 cumulative GPA
[1]Cultures and Civilizations Elective*	3	ENGL 101*
ENGL 102*	3	
MATH 125* or MATH 141* or MATH 147*	3-4	
RSM 100	1	
[2]Unrestricted Elective	3	
Term 4		
[3]MGT 201	3	RSM 100
[1]Natural Sciences Electives*	3-4	
~~RSM 290~~	~~3~~	
[3]STAT 201* or STAT 207*	3	
[2]Unrestricted Electives	3 ~~6~~	
Term 5		
[3,4]MARK 300	3	RSM 250
~~[3,4]MGT 300~~	~~3~~	
RSM 335 ~~or RSM 336~~	3	
RSM 290	3	
[2]Unrestricted Electives	3 ~~6~~	
[6]Recreation and Sport Management Electives	3	
Term 6		
[1]Arts and Humanities Elective*	3	RSM 290
[3,4]MGT 300	3	
~~[1]Communicating through Writing Elective*~~	~~3~~	
~~[3,4]FINC 300~~	~~3~~	
[5]RSM 350, [5]RSM 390	6	
[6]Recreation and Sport Management Electives	6	
Term 7		
[6]Recreation and Sport Management Electives	9 ~~15~~	RSM 390
[1]Communicating through Writing Elective*	3	
[3,4]FINC 300	3	
Term 8		
[5]RSM 490	12	No milestones
~~[6]Recreation and Sport Management Elective~~	~~3~~	
TOTAL	**120**	

[5] Requires advancement ~~progression~~ into the recreation and sport management major.

[6] May choose from KNS 490; RSM 310, RSM 330, RSM 334, RSM 336, RSM 337, RSM 338, RSM 340, RSM 360, RSM 370, RSM 380 (class focus must be sport management), RSM 410, RSM 415, RSM 430, RSM 440, RSM 450, RSM 460. All courses on list (except KNS 490, RSM 337, RSM 338, and RSM 370) require advancement ~~progression~~ into the recreation and sport management major.

Rationale: Moving courses to different terms was to more accurately reflect when students are likely to get into/take courses. Students will be better prepared for the course content. Footnote 5 and 6 change in wording from "progression" to "advancement" because students are technically already in the RSM major, so they are not progressing into the major. However, they are still required to advance through the major by successfully completing the pre-requisites before moving on to the next course. The word progression was removed by the Undergraduate Curriculum Committee. Impact on other units: none. Financial impact: none. Support from assessment activities: Faculty review of curriculum.

REVISE TEXT

Recreation and Sport Management Major, BS in Education – Therapeutic Recreation Concentration
(Main program page - note – no change to Service Learning Honors Program statement)

The Recreation and Sport Management major with a concentration in Therapeutic Recreation prepares students for employment in a variety of health care settings including programs for ~~in~~ mental health and intellectual disabilities ~~mental retardation~~, physical rehabilitation centers, drug and alcohol treatment centers, and community-based programs. Graduates fulfill the eligibility requirements for National Council for Therapeutic Recreation Certification. The program concludes with a semester-long internship experience.

Major Requirements & Rules ~~**Progression Requirements**~~

Advising Transition
Academic advising for freshmen, sophomores, and transfer students in the Recreation and Sport Management major occurs in the College of Education, Health, and Human Sciences' Office of Advising and Student Services (BEC 332). To transition from college to department advising, the student must complete an application form and submit it to department advising staff (322 HPER or via email to the staff member listed on the application.) Applications for the transition from college to department advising can be obtained by visiting HPER 322 or the Kinesiology, Recreation, and Sport Studies department website (krss.utk.edu). College and department advising staff will assist students making this transition.
~~Students must submit an application upon meeting the following minimum criteria.~~

- ~~Minimum of 30 semester hours earned.~~
- ~~Minimum 2.5 GPA for all college work.~~
- ~~Completion of RSM 201 with a grade of C or better.~~
- ~~Completion of ENGL 101* and ENGL 102*, and three (3) hours of quantitative reasoning.~~

~~**Board of Admissions**~~
The Board of Admissions meets at the end of each term to review applications. Applications must be submitted by December 1, May 1, or August ~~July~~ 1 to be considered for the following term. A complete application and all transition criteria ~~progression requirements~~ must be met to transition ~~be admitted~~. Students will submit an application to transition after meeting the following minimum criteria:

- Minimum of 30 semester hours earned
- Minimum cumulative University of Tennessee GPA of 2.5
- Completion of RSM 201 with a grade of C or better
- Completion of ENGL 101* and ENGL 102*, and three (3) hours of Quantitative Reasoning

Once the application is approved by the department, students will be emailed an acceptance letter with the name and contact information of their new department advisor. Students will then be responsible for scheduling a meeting with their new advisor for entrance advising to complete the process.

Minimum Grades and Required GPA for Continuation in the Major ~~**Retention**~~
Any Recreation and Sport Management course taken ~~before or after progression into the Sport Management concentration~~ must be passed with a minimum grade of C. A minimum of a 2.5 GPA is required to register for RSM 294, RSM 394, and RSM 494 and to graduate ~~RSM 290, RSM 390, and RSM 490~~.

Rationale: The Recreation and Sport Management major description text was rewritten to reflect our policies regarding advising and uTrack requirements, as well as removing "progression" as recommended by the UG Curriculum Committee. The major requires a 2.5 to progress to departmental advising, enroll in 2XX (294), 3XX (394), and 4XX (494), and to graduate. In the advisors' experience, students who start out college with a lower GPA are not likely to recover because the curriculum continues to be difficult. In addition to providing consistency to the GPA milestones, this change may help guide students in switching to a different major earlier in their college career. Impact on other units: none. Financial impact: none.
Support from assessment activities: No assessment activities were conducted.
Administrative note: The department submitted changes to the standard uTrack statement, but these changes were not included here. This uTrack statement is standard university-wide and no department or college may change it.

Requirements for the Bachelor of Science in Education – Recreation and Sport Management Major – Therapeutic Recreation Concentration

Term 1	**Hours**	**Milestone Notes**
CFS 210*	3	2.5 cumulative GPA
[1]CHEM 100* or CHEM 120* or CHEM 128* or BIOL 101*	4	
ENGL 101* or ENGL 118*	3	
PSYC 110* or PSYC 117*	3	
[2]Quantitative Reasoning Elective*	3	
Term 2		
[1]CHEM 110* or CHEM 130* or CHEM 138* or BIOL 102*	4	ENGL 101*
ENGL 102*	3	
[2]Quantitative Reasoning Elective*	3	
[4]Unrestricted Elective	4	
~~RSM 201~~	~~4~~	
Term 3		
CLAS 273	3	Quantitative Reasoning Elective*
CMST 210*, CMST 217*, CMST 240*, or CMST 247*	3	
RSM 201	4	
[2]Cultures and Civilizations Elective*	3	

[2]Arts and Humanities Elective*	3	
[3]~~RSM 320, [3]RSM 325~~	~~6~~	
[4]~~Unrestricted Elective~~	~~4~~	
Term 4		
[1]BCMB 230	5	RSM 201
[2]~~Cultures and Civilizations Elective*~~	~~3~~	
PHIL 252*	3	
RSM 326	3	
[3]RSM 320	3	
[4]Unrestricted Elective	3	
~~RSM 226, [3]RSM 290~~	~~6~~	
Term 5		
[2]~~Arts and Humanities Elective*~~	~~3~~	PSYC 110*
[2]Cultures and Civilizations Elective*	3	
KNS 332 or EEB 240	3-4	
[4]~~Unrestricted Elective~~	~~3~~	
PSYC 330	3	
[3]RSM 325	3	
[3]RSM 294	3	
Term 6		
[3]RSM 310, [3]RSM 394 ~~RSM 326, [3]RSM 390~~	6 ~~9~~	No milestones
[5]Professional Support Course Electives	6	
[4]Unrestricted Elective	3	
Term 7		
Psychology Elective (300-400 level course)	3	No milestones
RSM 405, RSM 420, RSM 430	9	
Recreation and Sport Management Elective (300-400 level course)	3	
Term 8		
[3,6] RSM 494 ~~RSM 490~~	12	No milestones
TOTAL	**120**	

* Meets University General Education Requirement.

1 Students taking BCMB 230 at UTK must take a chemistry sequence.

2 Select courses from the University General Education list.

3 Requires advancement ~~progression~~ into the recreation and sport management major.

4 Select any course not already required for the major.

5 Courses must be in addition to those specified for the major and must be selected from 300- or 400-level courses in the following disciplines: child and family studies, psychology, sociology, recreation and sport management, special education, or kinesiology, and educational interpreting and audiology and speech pathology, or KNS 290, PHYS 221, PHYS 222, SOC 120, ANTH 110 or ANTH 130, STAT 201, PUBH 315, PUBH 350, or PUBH 301, BIOL 101, BIOL 102, BIOL 150, BIOL 160, or BIOL 159, CHEM 100, CHEM 110, CHEM 120, or CHEM 130. All Statistics, Biology, and Chemistry course credits cannot be applied to both a general education and professional support elective requirement.

6 Must meet guidelines for national NCTRC certification.

Rationale: Moving courses to different terms was to more accurately reflect when students are likely to get into/take courses. Students will be better prepared for the course content. Footnote 3 – the word progression was removed as recommended by the Undergraduate Curriculum Committee. Footnote 5 additions - Courses added to showcase give TR students additional options to choose from in order to meet graduate school prerequisites or to better prepare them to work with individuals with disabilities.
Impact on other units: none. Financial impact: none.
Support from assessment activities: Faculty review of curriculum.

DEPARTMENT OF PUBLIC HEALTH
(PUBH) Public Health

Public Health Undergraduate Minor
Students completing the undergraduate minor in public health should be able to:
1. Define public health and related roles and responsibilities of government, non-government agencies, and private organizations.
2. Discuss major local, national, and global health challenges.
3. Discuss the role of community engagement in promoting population health and social justice.
4. Value the relationship between human rights and health.
5. Describe how the methods of epidemiology and surveillance are used to safeguard the population's health.
6. Identify scientific data, including tools of informatics, and other information for assessing the well-being of a community.
7. Appreciate the multiple determinants of health.
8. Analyze ethical concerns and conflicts of interest that arise in the field of public health
9. Champion the role of prevention in promoting a healthy community.

10. Value multicultural perspectives and sensitivities on health.

REVISE REQUIREMENTS

Public Health Minor

Minor Requirements
Complete (with a grade of C+ ~~B~~ or better):

Rationale: Public health provides a marketable content area for many majors from Biochemistry to Child and Family Studies. In order to be more inclusive and promote participation in the minor the grade requirement has been reduced to a C+. Additionally, the director of the minor is the appropriate person for approving elective course substitutions in the minor and tracking such changes. Impact on other units: This may allow more majors in other departments to participate in the minor, but this will not directly impact other units in relation to resources. Financial impact: None.
Student learner objectives impacted: None. Support from assessment activities: In conducting a review of the minors associated with the College of Education, Health and Human Sciences, it is noted the most minors do not have a grade requirement associated with coursework. As exceptions, the Elementary Education minor requires a GPA of 2.8 (C level) in education courses and the Nutrition minor requires a C or better in Nutrition classes. In comparison, the C+ requirement for the PUBH 201 (a required course in the Public Health minor) is a bit higher expectation, but it applies only to the introductory level course and not all Public Health courses related to the minor. Given that the Public Health minor is only in its second year, we have very little data to understand how exclusionary the current grade requirement is, however, the department would like to encourage the inclusion of all students with an interest in Public Health, particularly since a Public Health major is not available. The advising office of the College of Education, Health and Human Science has confirmed that it is indeed appropriate for the Director of the Minor to approve course substitutions or requirement waivers. No further assessment has been conducted.

DEPARTMENT OF RETAIL, HOSPITALITY, AND TOURISM MANAGEMENT

(HRT) Hotel, Restaurant, and Tourism

Learning objectives
1. Demonstrate knowledge, skills, and abilities to manage a hospitality and tourism business.
2. Demonstrate a level of critical thinking skills relative to problem solving and decision making as applied to the hospitality industry.
3. Effectively communicate knowledge, interpretations, and arguments in writing and in formal oral presentations.

Requirements for the Bachelor of Science in Retail, Hospitality, and Tourism Management – Hotel, Restaurant, and Tourism Major

Term 3		
[3]ACCT 200 or ACCT 207	3	MATH 125*
[3]ECON 201* or ECON 207*	4	
HRT 150, HRT 211, HRT 212	7 ~~6~~	
[1]Social Sciences Elective*	3	
Term 7		
[3,4]FINC 300	3	No milestones
HRT 410	3 ~~4~~	
[5]Hotel, Restaurant, and Tourism Elective	3	
[3,4]MARK 300	3	

[5] Choose from HRT 101, HRT 299, HRT 423, HRT 435, HRT 440, HRT 445, HRT 450, HRT 455, HRT 484, HRT 493, HRT 494; RCS 411, RCS 412.

Recommended major electives for specialized career interests:
Tourism Management: HRT 423, HRT 484, HRT 440
Restaurant/Culinary: HRT 101, HRT 445, HRT 299, RCS 411
Hotel & Resort Management: HRT 450, HRT 445, RCS 411, HRT 299
Meeting & Event Planning: HRT 445, HRT 435, RCS 411, HRT 101, HRT 299

Rationale: Directs students to HRT elective courses that are most beneficial for specific career objectives. RCS 412: Digital Retailing, is a very appropriate class for either RCS or HRT due to the broad subject matter, and the critical nature of understanding the importance of the Internet in all facets of HRT. Term 3 (add 150) is about when the student will begin taking HRT classes, and this class should be among the first they take. In Term 7, the change of credits awarded in HRT 410 from four to three. The term does not change. Impact on Other Units: No impact on other academic units. Financial Impact: No financial impact.
Support from assessment activities: The faculty and CEHHS Advising desire to make students more aware of career options with HRT major.

(RCS) Retail and Consumer Sciences

Learning objectives
1. Demonstrate the fundamental knowledge and skills necessary for success in the retail industry.

2. Demonstrate a level of critical thinking skills relative to problem solving and decision making as applied to the retail industry.
3. Effectively communicate knowledge, interpretations and arguments in writing and in formal oral presentations

REVISE TEXT

Retail and Consumer Sciences Major, BS in Retail, Hospitality, and Tourism Management

~~**Progression Requirements**~~
~~Students should apply for progression into the major after completing RCS 210, and prior to entering RCS 391*. Applications for progression are available in the department office.~~

~~For progression into the major, students must meet the following criteria.~~

- ~~Cumulative grade point average 2.3 or greater with a minimum of 30 semester hours completed.~~
- ~~Grade of C or better in all retail and consumer sciences prefix courses.~~
- ~~Completion of ENGL 101*, ENGL 102*, and MATH 125*.~~
- ~~Complete 300 post-secondary school hours of industry related work for the chosen major. A list of appropriate work experiences is available in the department office.~~

Requirements for the Bachelor of Science in Retail, Hospitality, and Tourism Management – Retail and Consumer Sciences Major

Term 2		
[1]Arts and Humanities Elective*	3	ENGL 101*
ENGL 102*	3	
MATH 125*	3	
[1]Natural Sciences Elective*	3	
[2]Unrestricted Elective	3	
HRT 150	1	
Term 5		
CMST 240* or CMST 247*	3	2.3 cumulative GPA
[3,4]MARK 300	3	RCS 210
RCS 310, RCS 311, RCS 346	9 ~~10~~	

Rationale: Taking 1 hour away from RCS 310 so that HRT 150 can be added Term 2. Progression information is no longer accurate. Impact on Other Units: No impact on other academic units. Financial Impact: No financial impact.
Learning Outcomes Supported: None. Assessment Activities: None.

DEPARTMENT OF THEORY AND PRACTICE IN TEACHER EDUCATION

Spec Ed BS ASP Learner Outcomes
1. (From InTASC Standard 2) Uses understanding of individual differences and diverse cultures and communities to promote inclusive learning and/or social environments that enable all individuals to meet high standards.
2. (from InTASC Standard 10) Seeks appropriate roles and opportunities to take responsibility for well-being of individuals with disabilities, to collaborate with students, families, colleagues, school professionals, and community members to ensure individual learner growth, and to advance well-being of individuals with disabilities.

Spec Ed BS Learner Outcomes
1. Planning (for Modified/Comprehensive and Deaf/Hard of Hearing Concentrations) Proposes appropriate curricular objectives based on State and/or Common Core Standards.
2. Instruction (for Modified/Comprehensive and Deaf/Hard of Hearing Concentrations) Develops instructional activities that take into account students' strengths, interests, and needs to enable each student to advance and accelerate his/her learning.
3. Assessment (for Modified/Comprehensive and Deaf/Hard of Hearing Concentrations) Combines formative and summative assessment as appropriate to support, verify, and document learning.
4. (For Modified/Comprehensive; Deaf/Hard of Hearing; and Educational Interpreting Concentrations) Uses current technologies to maximize content learning in varied contexts.
5. Learning Environments (for Modified/Comprehensive; Deaf/Hard of Hearing; and Educational Interpreting Concentrations) Designs a safe, positive learning climate of openness, mutual respect, support, and inquiry.
6. (for Educational Interpreting and Communication Disorders Majors) (From InTASC Standard 2) Uses understanding of individual differences and diverse cultures and communities to promote inclusive learning and/or social environments that enable all individuals to meet high standards.
7. a-b (For Educational Interpreting Majors) (from InTASC Standard 10) Seeks appropriate roles and opportunities to take responsibility for well-being of individuals with disabilities, to collaborate with students, families, colleagues, school professionals, and community members to ensure individual learner growth, and to advance well-being of individuals with disabilities.

REVISE TEXT
(Main department page)

Teaching Minors
Students who are earning a baccalaureate degree in the College of Arts and Sciences and who are also seeking teacher licensure in art education, elementary education, English as a Second Language education, English education, mathematics education grades 6-8, science education grades 6-8, social science education, or world language education must earn a minor (or the equivalent of a minor) in elementary education, English as a Second Language education, mathematics education grades 6-8, science education grades 6-8, world language education, or secondary education. Students interested in secondary mathematics or sciences undergraduate program teacher licensure must participate in the VolsTeach program ~~offered through the College of Arts and Sciences~~.

Rationale: We are adding minors in VolsTeach Mathematics and VolsTeach Science. VolsTeach courses provide educational licensure to students who are majoring in STEM disciplines. While these students' majors are within the College of Arts and Sciences, their minor is more consistent with the mission of TPTE. VolsTeach faculty members have been increasingly included within TPTE, and VolsTeach students get advising and licensure from TPTE. The close association of VolsTeach with TPTE makes it logical to move the minor. Because the minors are moving to TPTE we have removed the remainder of the sentence on line 6 that says offered through the College of Arts & Sciences. Impact on other units: Impact on other units: none. The College of Arts and Sciences is in agreement with moving the VolsTeach minors to TPTE. Financial impact: There should be no financial impact for adding the VolsTeach minors to TPTE as the program and classes are already being offered and taught by current faculty. The move may have some positive financial impact by increasing efficiency and streamlining interactions. The move should provide a more seamless mechanism of course substitution between VolsTeach and other TPTE courses when necessary.
Learner outcomes supported by this change: there are no learner outcomes for a minor. Support from assessment activities: this change is based on the demand for an ASL minor from students and advisors as noted in the rationale.

(ASL) American Sign Language

ADD PROGRAM

American Sign Language Minor

The minor consists of 15 hours. It is designed to provide students with a background in American Sign Language and Deaf Culture. Although there will be exposure to Deaf Education and Educational Interpreting topics, the minor does not lead to interpreter certification or teacher licensure.

Complete (15 undergraduate hours):
Required:

- ASL 211, 212, 311 (minimum grade of B or better)
- ASL 435 (minimum grade of C)

Select 3 credits from:

- ASL 421, EDDE 415, 416, 425 (minimum grade of C)

Rationale: based upon demand and increased interest from students and advisors, we are adding a minor in American Sign Language (ASL). This increase in demand stems from the decision to allow ASL to satisfy the cultures and civilizations (CC) general education requirement and also stems from increased societal interest generally in deaf culture. Impact on other units: none. Financial impact: The addition of the minor will lead to greater enrollment in minor courses. We do not anticipate a change in ASL 211 and 212 since the request for an ASL minor is coming from students already enrolled in these courses to satisfy cultures and civilizations (CC) requirement. We do anticipate an increase in enrollment in ASL 311 and 435. Only majors are currently taking 311 and there is room for more students. Based on demand, we can add a summer section of 311 as well. Dr. Davis, instructor of ASL 435, has agreed to accommodate minor students into his class, increasing the size of his class if demand is high. Because of the plan reflected here to accommodate increased enrollment with current faculty, we do not anticipate a financial impact.
Learner outcomes supported by this change: there are no learner outcomes for a minor. Support from assessment activities: this change is based on the demand for an ASL minor from students and advisors as noted in the rationale.

(AUSP) Audiology and Speech Pathology

REVISE REQUIREMENTS

Requirements for the Bachelor of Science in Audiology and Speech Pathology – Audiology and Speech Pathology Major

Term 6[6]		
ASL 112	3	No milestones
RSM 326 ~~RSM 226 or RSM 405~~	3	
SPED 470	3	
[6]Professional Support Electives	6	

[6] Professional Support Electives: Arts and Sciences elective from Global Challenges (see advisor for selection); Arts and Sciences electives from one of Connections packages (see advisor for selection); ASL 211*, ASL 212*; ASTR (any lecture course from the department); CFS 211, CFS 213, CFS 385; COUN 212, COUN 220; ECON (any course from the department) ~~ECON 201*~~; EDDE 416, EDDE 419; EEB 240; GEOG (any course from the department); LING 372; NUTR 100*; PHIL 345*; PSYC 295, PSYC 300, PSYC 301, PSYC 400, PSYC 410, PSYC 435; PUBH 201; completion of a minor (from any academic unit).

Rationale: RSM 226 is being dropped from the catalog so this change is to replace that course. We have removed RSM 405 because the RSM department has restricted the course to RSM majors only. Additionally, we are adding a statement to term 6 to reflect process/path for students being admitted to the UTK/UTHSC joint degree program. Impact on other units: none. Financial impact: none
Learner outcomes supported by this change: no learner outcomes are impacted by this change. Support for this change from assessment activities: no assessment activities were conducted.
Rationale: The Economics department has added two introductory courses, Economics 211 and 213, to the General Education list for Social Science (SS). In addition, the requirement changing to an elective, allows for transfer courses in the academic subject to be utilized more readily. Due to the need for a graduate degree in either Speech Pathology or Audiology, students want to complete a minor(s), to be more competitive in the admission process. Impact on other units: there is no impact on other units. Financial impact: none.
Learner outcomes affected by this change: No learner outcomes are affected by this change. Support for this change from assessment activities: No assessment activities were conducted.

REVISE REQUIREMENTS

Secondary Education Minor

In the 2017-2018 Undergraduate Catalog, revise the number of undergraduate hours and add requirements to the Secondary Education Minor as follows:

Complete (19 ~~16~~ undergraduate hours)

- Students pursuing Secondary English/ESL Licensure must also complete the following:
  ENED 460 – Teaching Reading and Literature in the Secondary school or
- Students pursuing Secondary Social Science Education Licensure must also complete the following:
  SSCE 454 – Teaching Strategies and Issues in Secondary Social Studies Education

Rationale: The addition of the English and Social Science teaching strategies courses are needed to better prepare the students for current requirements of the teaching internship (Track 2 master's program) which now includes an objectively scored teacher performance assessment. Impact on other units: none. Financial impact: none.
Learner outcomes supported by this change: there are no learner outcomes for minors. Support for this change from assessment activities: No assessment activity.

ADD PROGRAM

VolsTeach Mathematics Minor

Minor Requirements

The VolsTeach minor for mathematics majors consists of **26 hours**.

Prerequisites
Complete:

- INPG 110 - VolsTeach: Inquiry-Based Approaches to Teaching
- INPG 120 - VolsTeach: Inquiry-Based Lesson Design

Required Courses
Complete:

- INPG 353 - VolsTeach: Perspectives on Math and Science
- INPG 385 - VolsTeach: Research Methods in Science
- MATH 205 - Functions and Modeling for Secondary Math Instruction
- MEDU 432 - Knowing and Learning in Mathematics and Science
- MEDU 433 - Classroom Interactions in Mathematics and Science
- MEDU 434 - Project Based Instruction
- MEDU 435 - Apprentice Teaching in Mathematics and Science

ADD PROGRAM

VolsTeach Science Minor

Minor Requirements

The VolsTeach minor for science majors consists of **23 hours**.

Prerequisites
Complete:

- INPG 110 - VolsTeach: Inquiry-Based Approaches to Teaching
- INPG 120 - VolsTeach: Inquiry-Based Lesson Design

Required Courses

Complete:

- INPG 353 - VolsTeach: Perspectives on Math and Science
- INPG 385 - VolsTeach: Research Methods in Science
- SCED 432 - Knowing and Learning in Mathematics and Science
- SCED 433 - Classroom Interactions in Mathematics and Science
- SCED 434 - Project Based Instruction
- SCED 435 - Apprentice Teaching in Mathematics and Science

Rationale: We are adding minors in VolsTeach Mathematics and VolsTeach Science. VolsTeach courses provide educational licensure to students who are majoring in STEM disciplines. While these students' majors are within the College of Arts and Sciences, their minor is more consistent with the mission of TPTE. VolsTeach faculty members have been increasingly included within TPTE, and VolsTeach students get advising and licensure from TPTE. The close association of VolsTeach with TPTE makes it logical to move the minor. Impact on other units: Impact on other units: none. The College of Arts and Sciences is in agreement with moving the VolsTeach minors to TPTE. Financial impact: There should be no financial impact for adding the VolsTeach minors to TPTE as the program and classes are already being offered and taught by current faculty. The move may have some positive financial impact by increasing efficiency and streamlining interactions. The move should provide a more seamless mechanism of course substitution between VolsTeach and other TPTE courses when necessary.
Learner outcomes supported by this change: there are no learner outcomes for a minor. Support from assessment activities: this change is based on the demand for an ASL minor from students and advisors as noted in the rationale.

TICKLE COLLEGE OF ENGINEERING
All changes effective fall 2017

COURSE CHANGES

DEPARTMENT OF CIVIL AND ENVIRONMENTAL ENGINEERING
(CE) Civil Engineering

Program Learning Outcomes for the B.S. in Civil Engineering:

1. An ability to identify, analyze and solve problems by applying knowledge of mathematics, science, and engineering.
2. An ability to design and conduct experiments, as well as to analyze and interpret data.
3. An ability to design civil engineering systems, components, or processes to meet desired needs.
4. An ability to function on multidisciplinary teams.
5. An understanding of professional and ethical responsibility.
6. A recognition of the need for, and an ability to engage in life-long learning.
7. An ability to communicate effectively.
8. Knowledge of contemporary issues pertinent to civil engineering for understanding the impact of professional solutions on society and the environment at both the local and global levels.

ADD

CE 311 Smart Infrastructure and Sustainability Engineering (3) Investigation of engineering concepts that impact the sustainable design of civil and environmental infrastructure critical for smart communities in an on-site study abroad course. Topics of the course include sustainability metrics, life cycle assessment, urban sustainability, smart transportation, environmental sustainability, low-impact development, resource recovery, influence of local culture, and sustainable energy systems.
(RE) Prerequisite(s): Engineering Fundamentals 152 or 158 or consent of instructor.

Rationale: Smart infrastructure and sustainability engineering represent emerging engineering subjects that have received broad student interest but inadequate curriculum coverage. Therefore, this new course is proposed to close this gap in engineering learning. In addition, this course represents an ideal international parallel to UTK's Smart Communities Initiative (SCI) focusing on sustainable practices through experiential and service learning, providing a natural extension for the SCI. This course will satisfy our curriculum needs, enhance learning experience, and improve student recruitment and retention. Impact on other units: None. Financial impact: None.

Assessment(s): The CE 311 course supports Program Learning Outcome 8. Assessment to be completed: Summer 2017. Assessment method: Identify and discuss the benefits of low impact development practices.

DROP

CE 440 Civil Engineering Systems Design and Management (3)
CE 447 Honors: Civil Engineering Systems Design and Management (3)

Rationale: In general, these course(s) no longer support civil engineering learning outcome based on student senior surveys and assessment of current and future professional needs by the faculty, with input from the Board of Advisors. Course material on engineer economics that remains relevant to the profession is incorporated into CE 340 Construction Engineering/ Management I.

Impact on Other Units: Nuclear Decommissioning and Environmental Management (NDEM) minor students from Nuclear Engineering program need the course. CE 581 Construction Estimating or CE 582 Construction Scheduling will substitute for CE 440 to meet NDEM minor. Financial Impact: None.

ENGINEERING FUNDAMENTALS
Engineering Fundamentals (EF)

ADD

EF 203 Engineering Based Problem Solving (3) The objective is to develop engineering focused critical problem solving skills for undergraduate engineering and business majors. Students are introduced to engineering problems from a systems perspective, allowing students to analyze a range of systems from simple entities to larger more complex systems such as organizations. There are three phases of the critical problem solving skills as exemplified by the DRIVES model. The first phase focuses on defining the right problem. The second phase details a solution based on the concepts of flow, variation and disruption. The third phase introduces the sustainability of the solution based on the concepts of reliability and the role of culture in design. Alternative solutions will be reviewed from a business perspective.
Registration Restriction: Sophomore standing.

Rationale: This course is developed as part of requirements for a newly funded program entitled Integrated Business and Engineering Program. This program consists of a selected freshmen cohort from HCB and TCE to participate in a joint inter-collegiate program consisting of courses, internship, and extracurricular experiential learning. Impact on other units: None. Financial impact: Externally funded.

DROP

EF 357 Honors Introduction to Entrepreneurship (3)

Rationale: EF 357 course was developed several years ago to introduce engineering students to entrepreneurship. There were no HCB entrepreneurship courses available at that time. HCB launched a university-wide minor in entrepreneurship and, as part of this process, HCB initiated entrepreneurship courses to students from across campus in Fall 2015. ENT 350 is now available to substitute for EF 357. Impact on other units: None. Financial impact: None.

Department of Industrial and Systems Engineering
Industrial Engineering (IE)

Program Learning Outcomes for the B.S. in Industrial Engineering:
1. Ability to formulate engineering problems and design solutions
2. Ability to design and conduct experiments, analyze data, and interpret results
3. Ability to function and communicate effectively as teams
4. Ability to practice engineering in a global economy

ADD

IE 201 Introduction to Industrial and Systems Engineering (3) This course introduces the incoming Industrial and Systems Engineering (ISE) students to the different aspects of the practice of industrial engineering including but not limited to supply chain logistics, healthcare, manufacturing and service operations, etc.
(RE) Prerequisite(s): Sophomore standing in Industrial and Systems Engineering.

Rationale: This course exposes ISE students to application areas of ISE to deepen their understanding of the profession. The course equips students with a broad knowledge of ISE, preparing them to use critical thinking methods to address complex, open-ended problems. Impact on other academic units: No adverse impacts are envisioned. Financial impact: none.

This course supports Program Learning Outcomes 3 and 4. Assessment methods: Student performance will be assessed through a series of written submissions on the case studies discussed. A major individual project that requires many aspects of the ISE skill set will also be used to evaluate students' understanding.

Department of Materials Science and Engineering

Materials Science and Engineering (MSE)

Program Learning Outcomes for the B.S. in Materials Science and Engineering:
1. Student demonstrates ability to apply knowledge of mathematics, science, and engineering
2. Student demonstrates ability to design and conduct experiments, as well as to analyze and interpret data
3. Student demonstrates ability to function on multidisciplinary teams
4. Student demonstrates ability to identify, formulate, and solve engineering problems
5. Student demonstrates ability to communicate effectively both in written and oral form
6. Student demonstrates ability to use the techniques, skills, and modern engineering tools necessary for engineering practice

REVISE HOURS

✳ **MSE 304 Principles of Materials Laboratory II (2)** Laboratory assignments demonstrating fundamental principles of materials science and engineering.
Formerly: (1)

Rationale: Focuses laboratory experience and written/oral skills earlier in the curriculum. Change in hours better fits the contact hours and load demanded by the course. Impact on other units: None. Financial impact: None.

Assessment: This course supports Program Learning Outcomes 2 and 5 for the BS in Materials Science and Engineering. Support from assessment activities: From faculty discussions AY 15-16. Assessment to be completed: Spring 2018.

REVISE DESCRIPTION AND HOURS

✳ **MSE 405 Structural Characterization of Materials (3)** Crystal structures and the reciprocal lattice and how the atomic parameters relate to X-ray and neutron diffraction data. Production of X-rays and overview of hardware, data collection, and data analysis software and techniques.
Formerly: (4) X-ray diffraction and fluorescence, scanning and transmission electron microscopy, and microanalytical techniques.

Rationale: Description better fits the content than the current description. Additional hour for laboratory experience is being moved to MSE 304 to focus laboratory experience earlier in the curriculum. Impact on other units: None. Financial impact: None.
Assessment: This course supports Program Learning Outcomes 1 and 4 for the BS in Materials Science and Engineering. Support from assessment activities: From faculty discussions AY 15-16. Assessment to be completed: Fall 2017.

Department of Mechanical, Aerospace, and Biomedical Engineering

Aerospace Engineering (AE)

Program Learning Outcomes for the B.S. in Aerospace Engineering:
1. Students will demonstrate an ability to solve engineering problems
2. Students will demonstrate an ability to conduct experiments and analyze data.
3. Students will demonstrate an ability to communicate effectively.
4. Students will demonstrate a design competency in aerospace engineering systems.

DROP

AE 426 Introduction to Aerospace Design (3)

Rationale: Replaced by AE 450(3) to eliminate confusion so that course numbers are the same for all senior design courses in the department. Impact on other units: None. Financial impact: None.

AE 429 Aerospace System Design (3)

Rationale: Replaced by AE 460(3) to eliminate confusion so that course numbers are the same for all senior design courses in the department. Impact on other units: None. Financial impact: None.

ADD

AE 450 Introduction to Aerospace Design (3) Design process, synthesis, design studies. Individual design reports required.
(RE) Prerequisite(s): 351 and 370 or 377.
(DE) Prerequisite(s): 363.
(RE) Corequisite(s): Mechanical Engineering 344.
Registration Restriction(s): Aerospace, biomedical, or mechanical engineering major.

Rationale: Eliminate confusion by changing the number of AE 426(3), which is being dropped, so that course numbers are the same for all senior design courses in the department. Impact on other units: None. Financial impact: None.

Assessment: This course supports Program Learning Outcomes 3 and 4 for the BS in Aerospace Engineering. Support from assessment activities: From faculty discussions AY 15-16. Assessment to be completed: Fall 2016. Assessment method: Oral and written assignments (report, presentation, engineering drawings, etc.)

AE 460 Aerospace System Design (3) Synthesis and design of a complete aerospace system. Participation in team design effort including formal presentations and design report.
(RE) Prerequisite(s): 422 and 450.
(DE) Prerequisite(s): 425.
Registration Restriction(s): Aerospace, biomedical, or mechanical engineering major.

Rationale: Eliminate confusion by changing the number of AE 429 (3), which is being dropped, so that course numbers are the same for all senior design courses in the department. Impact on other units: None. Financial impact: None.

Assessment: This course supports Program Learning Outcomes 3 and 4 for the BS in Aerospace Engineering. Support from assessment activities: From faculty discussions AY 15-16. Assessment to be completed: Spring 2017. Assessment method: Oral and written assignments (report, presentation, engineering drawings, etc.)

Equivalency Table

Current Courses Aerospace Engineering	Equivalent Courses Effective Fall 2017 Aerospace Engineering
426	450
429	460

Biomedical Engineering (BME)

Program Learning Outcomes for the B.S. in Biomedical Engineering:
1. Students will demonstrate an ability to solve engineering problems
2. Students will demonstrate an ability to conduct experiments and analyze data.
3. Students will demonstrate an ability to communicate effectively
4. Students will demonstrate a design competency in biomedical engineering systems

ADD

BME 201 Biomedical Engineering Seminar (1) Overview of biomedical engineering with lectures, lab demonstrations and field trips.
(RE) Prerequisite(s): Engineering Fundamentals 152 or 158 with C or better.

Rationale: Replace seminar component of BME 271, which is being dropped. Impact on other units: None. Financial impact: None.

Assessment: This course supports Program Learning Outcome 3 for the BS in Biomedical Engineering. Support from assessment activities: From faculty discussions AY 15-16. Assessment to be completed: None. Assessment method: None.

DROP

BME 271 Biomedical Engineering Analysis (3)

Rationale: Replaced by BME 201(1) and EF 230(2) to make Matlab training uniform for all MABE students. (AE and ME students take EF 230.) Impact on other units: About 40 more students per year in EF 230. Financial impact: None.

ADD

BME 450 Biomedical Engineering Design I (3) Design of biomedical systems. Economics, optimization, reliability, patents and product liability. Participation in team design efforts. Requires oral and written design reports.
(RE) Corequisite(s): 430 and 473 or 477.
Registration Restriction(s): Aerospace, biomedical, or mechanical engineering major.

Rationale: Eliminate confusion by changing the number of BME 455(3), which is being dropped, so that course numbers are the same for all senior design courses in the department. Impact on other units: None. Financial impact: None.

Assessment: This course supports Program Learning Outcomes 1, 3 and 4 for the BS in Biomedical Engineering. Support from assessment activities: From faculty discussions AY 15-16. Assessment to be completed: None. Assessment method: None.

DROP

BME 455 Biomedical Engineering Design I (3)

Rationale: Replaced by BME 450 (3) to eliminate confusion so that course numbers are the same for all senior design courses in the department. Impact on other units: None. Financial impact: None.

ADD

BME 460 Biomedical Engineering Design II (3) Design of complete biomedical device. Documentation includes complete specification, design calculations, preparation of working drawings, and cost analysis. Requires written and oral reports.
(RE) Prerequisite(s): 450.
Registration Restriction(s): Aerospace, biomedical, or mechanical engineering major.

Rationale: Eliminate confusion by changing the number of BME 469 (3), which is being dropped, so that course numbers are the same for all senior design courses in the department. Impact on other units: None. Financial impact: None.

Assessment: This course supports Program Learning Outcomes 3 and 4 for the BS in Biomedical Engineering. Support from assessment activities: From faculty discussions AY 15-16. Assessment to be completed: Spring 2017. Assessment method: Oral and written assignments (report, presentation, engineering drawings, etc.)

DROP

BME 469 Biomedical Engineering Design II (3)

Rationale: Replaced by BME 460 (3) to eliminate confusion so that course numbers are the same for all senior design courses in the department. Impact on other units: None. Financial impact: None.

Equivalency Table

Current Courses Biomedical Engineering	Equivalent Courses Effective Fall 2017 Biomedical Engineering
455	450
469	460

Mechanical Engineering (ME)

Program Learning Outcomes for the B.S. in Mechanical Engineering:
1. Students will demonstrate an ability to solve engineering problems.
2. Students will demonstrate an ability to conduct experiments and analyze data.
3. Students will demonstrate an ability to communicate effectively
4. Students will demonstrate a design competency in mechanical engineering systems

ADD

ME 482 Vehicle Modeling and Simulation (3) Advanced vehicle level modeling, fundamental approaches and processes for vehicle modeling, tools for developing complete vehicle-level models, advanced powertrain architectures, introductory vehicle supervisory control principles.
Recommended background: Dynamics, control systems and numerical analysis.
Registration permission: Consent of instructor.

Rationale: Gives permanent number to a course with consistent enrollment that has been taught as "special topics" for many years. Average student enrollment – 8. Impact on other units: None. Financial impact: None.

Assessment: This course supports Program Learning Outcomes 1, 3, and 4 for the BS in Mechanical Engineering. Support from assessment activities: From faculty discussions AY 15-16. Assessment to be completed: NA (elective course). Assessment method: NA (elective course).

TEXT AND PROGRAM CHANGES

REVISE TEXT

(Main Engineering Page)

College Admission Requirements
(Paragraph one)

The Tickle College of Engineering has established admissions criteria for incoming freshmen based on several performance criteria, including completion of core academic subjects, GPA scores on these subjects and standardized test (SAT or ACT) scores. A Success Prediction Indicator (SPI) number of 60 and a math ACT of 25 or a math SAT of 590 if taken after March 2016 (math SAT of 570 if taken before March 2016) ~~or a math SAT of 570~~ are minimum standards used for admission to the Tickle College of Engineering. The admitted class may also be limited by space available in the College. The SPI is calculated by adding an individual's ACT mathematics score to 10 times their core high school GPA (based on a 4.0 scale). For information on what constitutes core high school courses, please consult admission website http://admissions.utk.edu/apply/requirements/.

Rationale: SAT changes in test scores. Notification came from Undergraduate Admissions Office. The Math Department has also updated math placement chart for undergraduate students. Impact on other units: None. Financial impacts: None.

Admission

Admission as a first year student to the EHP/HC is by invitation, which is extended by the Dean's office to students meeting rigorous academic standards in their high school coursework. Students not invited may apply after completing their first semester at The University of Tennessee. Recent entering classes have had an average high school core GPA of above 4.0 and an average composite ACT of 33.

Admission as a transfer student or after completing significant coursework at the University of Tennessee is by application to the Honors Director in consultation with the departmental honors concentration in the student's major department.

Engineering Honors students are expected to make reasonable but timely progress towards the coursework and breadth requirements while maintaining a minimum cumulative GPA of 3.4. Students will be dismissed from the program if they fail to meet these requirements.

Requirements:

Coursework requirement

- Four 100- or 200-level honors courses* (14 hours minimum, at least two courses must be from Engineering Fundamentals, Physics, Math, Chemistry, or Biology).
- Coursework requirements in the upper-division are specific to the individual departments and the student is referred to those individual descriptions for explanation.

*While most students fulfill this requirement with 100- and 200-level courses, students may substitute upper level courses on approval of the Honors faculty.
Rationale: By adding the last paragraph in the Admission section, this gives us the ability to remove students from the program who we think are not likely to graduate with an Honors Concentration. These students will lose the privilege of early course registration. The footnote in the Coursework requirement section reflects what we have already been doing. Impact on other units: None. Financial impact: None.

(Add new section just before the VolsTeach paragraph)

Integrated Business and Engineering Program

This program is available to undergraduate students from the Haslam College of Business and Tickle College of Engineering. The students will be selected in their freshman year through an application process by appropriate committees in the two colleges. The students will be advised by a joint faculty committee and will register in courses designed for this program in their sophomore through senior years. The program will also provide common learning experiences to the students through extracurricular activities and projects specifically designed for this program. Students in this program will be required to take 12 additional credit hours including EF 203 (3), BUAD 200 (1), BUAD 300 (1), BUAD 405 (1), ENT 350 (3), and ENT 451 (3). Special Senior Design course sections in each major may be dedicated to the students in this program.

Rationale: This program is part of a newly-funded joint program with HCB entitled "Integrated Business and Engineering Program." This program consists of a selected freshmen cohort from HCB and TCE to participate in this joint inter-collegiate program consisting of courses, internship, and extracurricular experiential learning. Impact on other units: None. Financial impact: Externally funded.

REVISE REQUIREMENTS

Engineering Entrepreneurship Minor

Come for a degree … leave with a company! The Engineering Entrepreneurship Minor provides students with exposure to the broad range of skills required to succeed in a technologically-based entrepreneurial endeavor including introduction to engineering entrepreneurs for mentoring, analysis of technology trends, fundamentals of intellectual property protection, ethics in business, practice in key communications skills, understanding of the due diligence process, exposure to proposal writing and~~,~~ management skills, ~~challenges~~ and involvement in basic elements of starting a company. Sixteen hours of coursework are required as listed below. ~~Students should consult with their advisor to select elective courses that also satisfy requirements for their major.~~

Minor Requirements
The minor consists of **16** ~~**17-20**~~ **hours**.

Required courses: ~~**Complete:**~~

- ENT 350 Introduction to Entrepreneurship
- ~~EF 400 - Technology Commercialization~~
- IE 457 - Engineering Entrepreneurship

Entrepreneurship Electives for Minor (Pick 2 from list below):

- DSGN 430 – Design Thinking and Innovation
- ENT 415 – Start-Overs as Start-Ups
- ENT 420 – Entrepreneurial Finance
- ENT 425 – Entrepreneurial Marketing
- ENT 460 – Leading Innovation and Change
- ENT 492 – Entrepreneurship Internship
- IE 451 – Creative Tech Problem Solving

~~**Select two courses:**~~

- ~~CMST 312 - Survey of Interpersonal Communication **or**~~
- ~~CMST 442 - Organizational Communication Processes~~
- ~~ENGL 360 - Technical and Professional Writing *~~
- ~~PHIL 244 - Professional Responsibility *~~

~~**Select one course (two courses for COSC and ECE):**~~

- ~~AE 429 - Aerospace System Design~~
- ~~BME 469 - Biomedical Engineering Design II~~
- ~~BSE 402 - Biosystems Engineering Design II~~
- ~~CBE 480 - Equipment Design and Economic Methods~~
- ~~CBE 488 - Honors: Design Internship in Green Engineering *~~
- ~~CBE 490 - Process Design and Economic Analysis *~~
- ~~CE 400 - Senior Design Project~~
- ~~IE 422 - Industrial Engineering Design II *~~
- ~~ME 460 - Mechanical Engineering Design II~~
- ~~MSE 489 - Materials Design *~~
- ~~NE 472 - Nuclear System Design II~~
- ~~COSC 401 - Senior Design Theory and~~
- ~~COSC 402 - Senior Design Practicum *~~
- ~~ECE 401 - Senior Design Theory and~~
- ~~ECE 402 - Senior Design Practicum *~~

Note:

This course combination simultaneously satisfies the requirements for an Engineering Entrepreneurship Minor and the University Entrepreneurship Minor. Students may not minor in both Entrepreneurship and Engineering Entrepreneurship. ~~Capstone of the "E-Ship" Minor is the creation of a fundable proposal based on student generated technologies from senior design studies or technologies available from area sources (UT, ORNL, others). Some of the coursework could also be used to satisfy general education and technical electives for undergraduate degree programs subject to the approval of the student's department~~.

~~*Meets University General Education Requirement.~~

Rationale: This change will align Engineering Entrepreneurship Minor with the University Entrepreneurship Minor and allows students to satisfy both minor(s) requirements. Impact on other units: None. Financial impact: None.

REVISE REQUIREMENTS

Honors Engineering Leadership Minor

Minor Requirements
Complete:

- ENT 350 Introduction to Entrepreneurship
- ~~EF 357 - Honors Introduction to Entrepreneurship~~

Rationale: EF 357 was cross-listed with MGT 350 which had been restricted to Business majors. EF 357 was created to allow Engineering students completing this minor to register for this course. However, MGT 350 was renamed ENT 350 and is open to all UT students, so EF 357 is no longer needed. Impact on other units: None. Financial impact: None.

REVISE REQUIREMENTS

Reliability and Maintainability Engineering Minor

Minor Requirements
Select 6 hours:

- CBE 350 – Chemical and Bioengineering Reactor Fundamentals

Rationale: CBE 350 is added into the elective so that there are two courses available for students from any of the six participating departments. Impact on other units: None. Financial impact: None.

Department of Chemical and Biomolecular Engineering

REVISE REQUIREMENTS

Requirements for the Bachelor of Science in Chemical Engineering
Honors Concentration – Chemical Engineering

In addition to satisfying the requirements for the chemical engineering major, candidates for the honors chemical engineering concentration must also complete the following requirements:

- Maintain a 3.4 cumulative GPA and an average 3.4 GPA in all CBE courses.

- Four 100- or 200-level honors courses* (14 hours minimum, at least two courses must be from engineering fundamentals, physics, math, chemistry, or biology).
- Complete two upper-division honors courses in chemical engineering (CBE 447, CBE 467, or CBE 488*).
- Satisfy the breadth requirements for the Engineering Honors Program as shown on the College of Engineering website.

*While most students fulfill this requirement with 100- and 200-level courses, students may substitute upper level courses on approval of the Honors faculty.

Rationale: Engineering students may like to choose more than 2 honors courses from the major department. These major honors courses are all 300 and 400 level. Impact on other units: None. Financial impact: None.

Requirements for the Bachelor of Science in Chemical Engineering – Biomolecular Engineering Concentration
Honors Concentration – Biomolecular Engineering

In addition to satisfying the requirements for the chemical engineering major, candidates for the honors biomolecular engineering concentration must also complete the following requirements:

- Maintain a 3.4 cumulative GPA and an average 3.4 GPA in all CBE courses.
- Four 100- or 200-level honors courses* (14 hours minimum, at least two courses must be from engineering fundamentals, physics, math, chemistry, or biology).
- Complete two upper-division honors courses in chemical engineering (CBE 447, CBE 467, or CBE 488*).
- Satisfy the breadth requirements for the Engineering Honors Program as shown on the College of Engineering website.

*While most students fulfill this requirement with 100- and 200-level courses, students may substitute upper level courses on approval of the Honors faculty.

Rationale: Engineering students may like to choose more than 2 honors courses from the major department. These major honors courses are all 300 and 400 level. Impact on other units: None. Financial impact: None.

Department of Civil and Environmental Engineering

REVISE REQUIREMENTS

Requirements for the Bachelor of Science in Civil Engineering

Term 7		
~~CE 440 or CE 447~~	~~3~~	
[1]CE Concentration Elective	3	No milestones
[1]CE Concentration Lab	1	
Social Sciences Elective*	3	
[3]Technical Electives	9 ~~6~~	

Rationale: CE 440 course no longer supports civil engineering learning outcome based on student senior surveys and assessment of current and future professional needs by the faculty, with input from the Board of Advisors. Course material on engineer economics that remains relevant to the profession is incorporated into CE 340 Construction Engineering/Management I. Increase hours of technical electives. Impact on other units: None. Financial impact: None.
Honors Concentration – Civil Engineering Major

In addition to satisfying the requirements for the civil engineering major, candidates for the honors civil engineering concentration must also complete the following requirements:

- Maintain a 3.4 cumulative GPA.
- Four 100- or 200-level honors courses* (14 hours minimum, at least two courses must be from engineering fundamentals, physics, math, chemistry, or biology).
- Complete two upper-division honors courses in civil engineering (CE 437, CE 448, CE 458, CE 467, CE 487, or CE 497).
- Satisfy the breadth requirements for the Engineering Honors Program as shown on the College of Engineering website.

*While most students fulfill this requirement with 100- and 200-level courses, students may substitute upper level courses on approval of the Honors faculty.

Rationale: Engineering students may like to choose more than 2 honors courses from the major department. These major honors courses are all 300 and 400 level. Impact on other units: None. Financial impact: None.

Department of Electrical Engineering and Computer Science

Computer Engineering Major, BS in Computer Engineering

Requirements for the Bachelor of Science in Computer Engineering

Networking & Embedded Systems

ECE 453 - Introduction to Computer Networks
ECE 455 - Embedded Systems Design
ECE 461 - Introduction to Computer Security
ECE 462 – Cyber-Physical Systems Security
ECE 463 – Introduction to Datacenters
ECE 553 - Computer Networks
ECE 555 - Embedded Systems
ECE 556 - Wireless Sensor Networks
COSC 530 - Comp Systems Organization

Control and Communications

ECE 316 - Signals and Systems II
ECE 415 - Automatic Control Systems
ECE 416 - Digital Control Systems or
ECE 417 - Honors: Computer Control Systems

ECE 341 - Fields or
ECE 347 - Honors: Fields

ECE 342 - Fundamentals of Communications
ECE 441 - Modern Communication Systems
ECE 442 - Communication System Design
ECE 443 - Antenna Systems Engineering
ECE 463 – Introduction to Datacenters

Rationale: These courses were newly introduced into the curriculum in Fall 2014 as part of the two new minors in the department: Cybersecurity and Data Center Technologies. Some of those courses have not been added to all of the tracks that they should apply to yet. Impact on other units: None. Financial impact: None.

ADD CONCENTRATION

Honors Concentration – Computer Engineering

In addition to satisfying the requirements for the electrical engineering, computer engineering, or computer science major, candidates for the honors concentration must also complete the following requirements.

- Maintain an overall GPA of 3.4.
- Four 100- or 200-level honors courses* (14 hours minimum, at least two courses must be from engineering fundamentals, physics, math, chemistry, or biology)
- Two upper-division honors courses in computer science or electrical and computer engineering (COSC 307, COSC 317, COSC 367, COSC 377, COSC 427 or ECE 317, ECE 347, ECE 357, ECE 417, ECE 427, ECE 457, ECE 477, ECE 478, ECE 487).
- Satisfy the breadth requirements for the Engineering Honors Program as shown on the Tickle College of Engineering website.

*While most students fulfill this requirement with 100- and 200-level courses, students may substitute upper level courses on approval of the Honors faculty.

Rationale: Honors Concentration inadvertently removed from previous Computer Engineering, Computer Science, and Electrical Engineering Program Page(s). Impact on other units: None. Financial impact: None.

Computer Engineering Major, BS in Computer Science

REVISE TEXT

Progression Policies and Requirements

The department requires at least a C in every computer engineering, computer science, electrical engineering, and mathematics course used for the undergraduate degrees. ~~Students taking ECE 201 must also have a C or better in EF 152 or EF 158.~~

Progression of departmental undergraduate students to the upper-division programs of the department is competitive and is based on the space available in the department. Factors considered in the decision include overall grade point average, grades earned in courses required in the lower division curricula of the department and Tickle College of Engineering, and seriousness of purpose and interest in departmental programs as exemplified by regular and orderly progress through the prescribed curriculum without abuse of withdrawal and course repeat privileges.

~~Students who take ECE 202 will be evaluated during the semester they are registered for it. Transfer students for whom ECE 202 transfer credit is given may take 9 semester hours in departmental courses before progression evaluation. All students, whether or not they transfer in, who are not accepted into the upper-division program of the department will be put in either a temporary probationary status or a non-progressed status and will not be permitted to register for any upper division courses within the department.~~

Rationale: Due to the significant curriculum changes in the Department of Electrical Engineering and Computer Science, ECE 201/202 series are no longer required courses of Computer Science majors. Impact on other units: None. Financial impact: None.

REVISE REQUIREMENTS

Requirements for the Bachelor of Science in Computer Science

Term 6		
COSC 361, COSC 340 ~~COSC 365~~	6	No milestones
[2]Cultures and Civilizations Elective*	3	
[3]Computer Science Upper-Division Elective	3	
[4]Unrestricted Elective	3	

Software

~~COSC 340 - Software Engineering~~
COSC 365 - Programming Languages and Systems
COSC 461 - Compilers
COSC 465 - Databases and Scripting Languages

Rationale: Currently, Computer Science 340 is an elective course and Computer Science 365 is a required course. Revise Computer Science 340 as a required course and make Computer Science 365 an elective course.

Computer Science 340 is a course for systems areas of computer science. This course is where students really bring together the systems skills they have acquired in previous programming courses and put them to use. This would also be a good course for the assessment committee to perform its assessment of student's systems skills (outcome c), as previous programming courses are really more formative courses where students are acquiring the skills. COSC 340 would serve as an equally good course for evaluating outcomes (a) and (i). Finally, COSC 340 now has several well-qualified faculty teaching it, as opposed to the past where we had to have adjuncts occasionally teach the course.

As for Computer Science 365, it is primarily a survey of programming languages course and would probably be taken by most students as an elective since it covers Java. COSC 365 used to be the so-called capstone course in the curriculum when it covered more compilers and hence systems, but the compilers component has been moved to COSC 461, Compilers, and hence COSC 365 is really a programming languages course these days.

Due to the shifted roles played by COSC 340 and COSC 365 in the computer science curriculum, the ABET assessment committee requested that the undergraduate committee consider replacing COSC 365 with COSC 340 as a required course for computer science majors. Impact on other units: None. Financial impact: None.

ADD CONCENTRATION

Honors Concentration – Computer Science Major

In addition to satisfying the requirements for the electrical engineering, computer engineering, or computer science major, candidates for the honors concentration must also complete the following requirements.

- Maintain an overall GPA of 3.4.
- Four 100- or 200-level honors courses* (14 hours minimum, at least two courses must be from engineering fundamentals, physics, math, chemistry, or biology)
- Two upper-division honors courses in computer science or electrical and computer engineering (COSE 307, COSC 317, COSC 367, COSC 377, COSC 427 or ECE 317, ECE 347, ECE 357, ECE 417, ECE 427, ECE 457, ECE 477, ECE 478, ECE 487).
- Satisfy the breadth requirements for the Engineering Honors Program as shown on the Tickle College of Engineering website.

*While most students fulfill this requirement with 100- and 200-level courses, students may substitute upper level courses on approval of the Honors faculty.

Rationale: Honors Concentration inadvertently removed from previous Computer Engineering, Computer Science, and Electrical Engineering Program Page(s). Impact on other units: None. Financial impact: None.

Requirements for the Bachelor of Science in Electrical Engineering
(footnote 4)

[4] Technical electives chosen from COSC 140, COSC 311 or MATH 300, COSC 370; CHEM 130* or CHEM 138*, IE 405, IE 457

Engineering Entrepreneurship; MSE 201 or MSE 207, MSE 410; ME 231, ME 321, ME 331, ME 344, ME 363 System Dynamics, ME 367 Honors: System Dynamics; NE 342 or NE 347.

Rationale: These courses are acceptable technical electives for our undergraduate students. Listing the course as a Technical Elective option for our student better communicates to them what their options include. Impact on other units: None. Financial impact: None.

ADD CONCENTRATION

Honors Concentration – Electrical Engineering

In addition to satisfying the requirements for the electrical engineering, computer engineering, or computer science major, candidates for the honors concentration must also complete the following requirements.

- Maintain an overall GPA of 3.4.
- Four 100- or 200-level honors courses* (14 hours minimum, at least two courses must be from engineering fundamentals, physics, math, chemistry, or biology)
- Two upper-division honors courses in computer science or electrical and computer engineering (COSE 307, COSC 317, COSC 367, COSC 377, COSC 427 or ECE 317, ECE 347, ECE 357, ECE 417, ECE 427, ECE 457, ECE 477, ECE 478, ECE 487).
- Satisfy the breadth requirements for the Engineering Honors Program as shown on the Tickle College of Engineering website.

*While most students fulfill this requirement with 100- and 200-level courses, students may substitute upper level courses on approval of the Honors faculty.

Rationale: Honors Concentration inadvertently removed from previous Computer Engineering, Computer Science, and Electrical Engineering Program Page(s). Impact on other units: None. Financial impact: None.

Department of Industrial and Systems Engineering

REVISE REQUIREMENTS

Requirements for the Bachelor of Science in Industrial Engineering

Term 2		
COSC 102	4 ~~4~~	
EF 152* or EF 158*	4	MATH 130 or higher
ENGL 102*	3	
MATH 142* or MATH 148*	4	
~~ME 202~~	~~2~~	
[1]Social Sciences Elective*	3	
Term 3		
IE 200, IE 201, IE 250, IE 405	10 ~~7~~	EF 151* or PHYS 135*
MATH 241 or MATH 247	4	
~~MSE 201 or MSE 207~~	~~3~~	
PHYS 231*	3	
Term 4		
ECON 201* or ECON 207*	4	EF 152* or PHYS 136*
~~EF 230~~	~~2~~	
IE 202	3	
MATH 200, MATH 231	5	
[2]Engineering Science Elective ~~ME 331~~	3	
Term 6		
[1]Arts and Humanities Elective*	3	No milestones
[2]Engineering Science Elective ~~ECE 301~~	3	
IE 310 or IE 317, IE 340, IE 421 or IE 428	9	
Term 7		
[1]Arts and Humanities Elective*	3	No milestones
[1]Cultures and Civilizations Elective*	3	
IE 404, IE 450	3	
[3] [2]Industrial Engineering Elective	3	
[4] [3]Technical Elective	3	
Term 8		
[1]Cultures and Civilizations Elective*	3	No milestones
IE 406 or IE 408, IE 422*, IE 427	8	

[3] [2]Industrial Engineering Elective	3	
[4] [3]Technical Elective	3	
TOTAL	**129**	

[2] Chosen from ECE 301; ME 202 and EF 130; ME 331; MSE 201 or MSE 207.

[3] [2] Chosen from IE 423, IE 430, IE 451, IE 457, IE 483, IE 484, IE 493, IE 494, IE 495. The same course may not be used to count for both the IE technical elective and the IE elective.

[4] [3] Chosen from AE 341 or AE 347; BUAD 361, BUAD 410; BULW 301; COSC 102; ECE 255, ECE 302; ECON 311, ECON 312, ECON 313, ECON 322, ECON 331, ECON 333, ECON 351, ECON 361; 3 hours of EF 333; FINC 300, FINC 425, FINC 455; IE 423, IE 430, IE 451, IE 457, IE 483, IE 484; INSC 310, INSC 451; MARK 300; MGT 300; MSE 302, MSE 340 or MSE 347, MSE 360 or MSE 367, MSE 390 or MSE 397, MSE 405*; ME 321, ME 363 or ME 367, ME 365, ME 366, ME 405; NE 342 or NE 347. Some courses may require a prerequisite or corequisite that is not part of the IE program.

Rationale: The IE plans to increase students' computer programming skills by requiring COSC 102. The program also wants to increase early exposure to IE processes and tools in the sophomore year so students are better prepared for later IE courses. A new course of IE 201 – Introduction to Industrial and Systems Engineering is developed and included in the sophomore year. In order to keep the total hours at 129, we recalibrate engineering science courses by adding flexibility for IE students to choose 6 hours of Engineering Science Elective from Electrical and Computer Engineering 301, Mechanical Engineering 202 and Engineering Fundamentals 130, Mechanical Engineering 331, Materials Science and Engineering 201 or 207. Those other engineering courses used to be required. Impact on other academic units: None. Financial impact: None.

Honors Concentration – Industrial Engineering Major

In addition to satisfying the requirements for the industrial engineering major, candidates for the honors industrial engineering concentration must also complete the following requirements.

- Maintain an overall GPA of 3.4.
- Four 100- or 200-level honors courses* (14 hours minimum, at least two courses must be from engineering fundamentals, physics, math, chemistry, or biology).
- Two upper-division honors courses in industrial engineering (IE 317, IE 407, IE 408, IE 428).
- Satisfy the breadth requirements for the Engineering Honors Program as shown on the College of Engineering website.

*While most students fulfill this requirement with 100- and 200- level courses, students may substitute upper level courses on approval of the Honors faculty.

Rationale: Engineering students may like to choose more than 2 honors courses from the major department. These major honors courses are all 300 and 400 level. Impact on other units: None. Financial impact: None.

Department of Materials Science and Engineering

REVISE REQUIREMENTS

Requirements for the Bachelor of Science in Materials Science and Engineering

Term 6		
MSE 302, MSE 304*, MSE 350 or MSE 357, MSE 370, MSE 390 or MSE 397	14 ~~13~~	No milestones
[2]Technical Elective	3	
Term 7		
[1]Cultures and Civilizations Elective*	3	No milestones
MSE 405*, MSE 480	6 ~~7~~	
[3]Materials Science and Engineering Elective	3	
[1]Social Sciences Elective*	3	

Rationale: Hours of MSE 304 increased to (2) from (1) and hours of MSE 405 decreased to (3) from (4). Total hours of showcase remains the same. Impact on other units: None. Financial impact: None.

Honors Concentration – Materials Science and Engineering Major

In addition to satisfying the requirements for the materials science and engineering major, candidates for the honors materials science and engineering concentration must also complete the following requirements.

- Maintain an overall GPA of 3.4.
- Four 100- or 200-level honors courses* (14 hours minimum, at least two courses must be from engineering fundamentals, physics, math, chemistry, or biology).
- Two upper-division honors courses in materials science and engineering (from MSE 347, MSE 357, MSE 367, MSE 397).
- Satisfy the breadth requirements for the Engineering Honors Program as shown on the College of Engineering website.

*While most students fulfill this requirement with 100- and 200- level courses, students may substitute upper level courses on approval of the Honors faculty.

Rationale: Engineering students may like to choose more than 2 honors courses from the major department. These major honors courses are all 300 and 400 level. Impact on other units: None. Financial impact: None.

REVISE REQUIREMENTS

Requirements for the Bachelor of Science in Materials Science and Engineering - Biomaterials Concentration

Term 6		
BIOL 160* or BCMB 230	3-5	No milestones
MSE 302, MSE 304*, MSE 350 or MSE 357, MSE 370, MSE 390 or MSE 397	14 ~~13~~	
Term 7		
[1]Cultures and Civilizations Elective*	3	No milestones
MSE 405*, MSE 474, MSE 480	9 ~~10~~	
[1]Social Sciences Elective*	3	

Rationale: Hours of MSE 304 increased to (2) from (1) and hours of MSE 405 decreased to (3) from (4). Total hours of showcase remains the same. Impact on other units: None. Financial impact: None.

Honors Materials Science and Engineering Major – Biomaterials Concentration

In addition to satisfying the requirements for the materials science and engineering major, candidates for the honors biomaterials concentration must also complete the following requirements.

- Maintain an overall GPA of 3.4.
- Four 100- or 200-level honors courses* (14 hours minimum, at least two courses must be from engineering fundamentals, physics, math, chemistry, or biology).
- Two upper-division honors courses in materials science and engineering (from MSE 347, MSE 357, MSE 367, MSE 397).
- Satisfy the breadth requirements for the Engineering Honors Program as shown on the College of Engineering website.

*While most students fulfill this requirement with 100- and 200- level courses, students may substitute upper level courses on approval of the Honors faculty.

Rationale: Engineering students may like to choose more than 2 honors courses from the major department. These major honors courses are all 300 and 400 level. Impact on other units: None. Financial impact: None.

REVISE REQUIREMENTS

Requirements for the Bachelor of Science in Materials Science and Engineering - Nanomaterials Concentration

Term 6		
MSE 302, MSE 304*, MSE 350 or MSE 357, MSE 370, MSE 390 or MSE 397	14 ~~13~~	No milestones
[2]Technical Elective	3	
Term 7		
[1]Cultures and Civilizations Elective*	3	No milestones
MSE 405*, MSE 410, MSE 480	9 ~~10~~	
[1]Social Sciences Elective*	3	

Rationale: Hours of MSE 304 increased to (2) from (1) and hours of MSE 405 decreased to (3) from (4). Total hours of showcase remains the same. Impact on other units: None. Financial impact: None.

Honors Materials Science and Engineering Major – Nanomaterials Concentration

In addition to satisfying the requirements for the materials science and engineering major, candidates for the honors nanomaterials concentration must also complete the following requirements.

- Maintain an overall GPA of 3.4.
- Four 100- or 200-level honors courses* (14 hours minimum, at least two courses must be from engineering fundamentals, physics, math, chemistry, or biology).
- Two upper-division honors courses in materials science and engineering (from MSE 347, MSE 357, MSE 367, MSE 397).
- Satisfy the breadth requirements for the Engineering Honors Program as shown on the College of Engineering website.

*While most students fulfill this requirement with 100- and 200- level courses, students may substitute upper level courses on approval of the Honors faculty.

Rationale: Engineering students may like to choose more than 2 honors courses from the major department. These major honors courses are all 300 and 400 level. Impact on other units: None. Financial impact: None.

Department of Mechanical, Aerospace, and Biomedical Engineering

REVISE TEXT

Mechanical, Aerospace, and Biomedical Engineering
(Main department page)

Progression Policies and Requirements
Full Status

A lower-division student may apply for progression to upper-division after completing EF 152* or EF 158*, CHEM 120*, MATH 231, ME 202, ME 231, and ME 321, as well as BME 201 ~~271~~ for biomedical engineers, with a grade of C or better in each, and an overall GPA of at least 2.4 in these courses. Students who have not satisfied the requirements for full status will be dropped from departmental class rolls in upper-division courses.

Rationale: New course, BME 201 replaces seminar component of BME 271, which is being dropped. Impact on other units: None. Financial impact: None.

REVISE TEXT

Aerospace Engineering Major, BS in Aerospace

Progression Policies and Requirements
Full Status

A lower-division student may apply for progression to upper-division after completing EF 152* or EF 158*, CHEM 120*, MATH 231, ME 202, ME 231, and ME 321, as well as BME 201 ~~271~~ for biomedical engineers, with a grade of C or better in each, and an overall GPA of at least 2.4 in these courses. Students who have not satisfied the requirements for full status will be dropped from departmental class rolls in upper-division courses.

Rationale: New course, BME 201 replaces seminar component of BME 271, which is being dropped. Impact on other units: None. Financial impact: None.

REVISE REQUIREMENTS

Requirements for the Bachelor of Science in Aerospace Engineering

Term 7		
AE 410*, AE 422, AE 424, AE 425, AE 450 ~~AE 426~~	14	No milestones
[3]Departmental Elective	3	
Term 8		
AE 449*, AE 460 ~~AE 429~~	6	No milestones
[2]Cultures and Civilizations Electives*	6	
[3]Departmental Elective	3	

Rationale: To reflect dropped and added courses, above. Impact on other units: None. Financial Impact: None.

Honors Concentration – Aerospace Engineering Major

In addition to satisfying the requirements for the aerospace engineering major, candidates for the honors aerospace engineering concentration must also complete the following requirements.

- Maintain an overall GPA of 3.4.
- Four 100- or 200-level honors courses* (14 hours minimum, at least two courses must be from engineering fundamentals, physics, math, chemistry, or biology).
- Complete two upper-division honors courses in aerospace engineering (AE 347, AE 377).
- Satisfy the breadth requirements for the Engineering Honors Program as shown on the College of Engineering website.

*While most students fulfill this requirement with 100- and 200- level courses, students may substitute upper level courses on approval of the Honors faculty.

Rationale: Engineering students may like to choose more than 2 honors courses from the major department. These major honors courses are all 300 and 400 level. Impact on other units: None. Financial impact: None.

REVISE TEXT

Biomedical Engineering Major, BS in Biomedical Engineering

Progression Policies and Requirements

Full Status

A lower-division student may apply for progression to upper-division after completing EF 152* or EF 158*, CHEM 120*, MATH 231, ME 202, ME 231, and ME 321, as well as BME 201 ~~271~~ for biomedical engineers, with a grade of C or better in each, and an overall GPA of at least 2.4 in these courses. Students who have not satisfied the requirements for full status will be dropped from departmental class rolls in upper-division courses.

Rationale: New course, BME 201 replaces seminar component of BME 271, which is being dropped. Impact on other units: None. Financial impact: None.

REVISE REQUIREMENTS

Requirements for the Bachelor of Science in Biomedical Engineering

Term 4		
BME 201	1	EF 152* or PHYS 136*
~~BME 271~~	~~3~~	
EF 230	2	
MATH 241 or MATH 247	4	
ME 321	3	
MSE 201 or MSE 207	3	
PHYS 231*	3	
Term 7		
BME 410*, BME 430*, BME 450, ~~BME 455~~, BME 473 or BME 477	11	No milestones
ECON 201* or ECON 207*	4	
[2]Social Sciences Elective*	3	
Term 8		
[4]Biomedical Engineering Elective	3	No milestones
BME 460 ~~BME 469~~	3	
[2]Cultures and Civilizations Electives*	6	
[3]Technical Elective	3	

Rationale: To reflect dropped and added courses, above. Impact on other units: None. Financial Impact: None.

Honors Concentration – Biomedical Engineering Major

In addition to satisfying the requirements for the biomedical engineering major, candidates for the honors concentration must also complete the following requirements.

- Maintain an overall GPA of 3.4.
- Four 100- or 200-level honors courses* (14 hours minimum, at least two courses must be from engineering fundamentals, physics, math, chemistry, or biology).
- Complete two upper-division honors courses in biomedical engineering (BME 367, BME 477).
- Satisfy the breadth requirements for the Engineering Honors Program as shown on the College of Engineering website.

*While most students fulfill this requirement with 100- and 200- level courses, students may substitute upper level courses on approval of the Honors faculty.

Rationale: Engineering students may like to choose more than 2 honors courses from the major department. These major honors courses are all 300 and 400 level. Impact on other units: None. Financial impact: None.

REVISE TEXT

Mechanical Engineering Major, BS in Mechanical Engineering

Progression Policies and Requirements
Full Status

A lower-division student may apply for progression to upper-division after completing EF 152* or EF 158*, CHEM 120*, MATH 231, ME 202, ME 231, and ME 321, as well as BME 201 ~~271~~ for biomedical engineers, with a grade of C or better in each, and an overall GPA of at least 2.4 in these courses. Students who have not satisfied the requirements for full status will be dropped from departmental class rolls in upper-division courses.

Rationale: New course, BME 201 replaces seminar component of BME 271, which is being dropped. Impact on other units: None. Financial impact: None.

Honors Concentration – Mechanical Engineering

In addition to satisfying the requirements for the mechanical engineering major, candidates for the honors mechanical engineering concentration must also complete the following requirements.

- Maintain an overall GPA of 3.4.
- Four 100- or 200-level honors courses* (14 hours minimum, at least two courses must be from engineering fundamentals, physics, math, chemistry, or biology).
- Complete two upper-division honors courses in mechanical engineering (ME 367, ME 397, ME 477).
- Satisfy the breadth requirements for the Engineering Honors Program as shown on the College of Engineering website.

*While most students fulfill this requirement with 100- and 200- level courses, students may substitute upper level courses on approval of the Honors faculty.

Rationale: Engineering students may like to choose more than 2 honors courses from the major department. These major honors courses are all 300 and 400 level. Impact on other units: None. Financial impact: None.

Department of Nuclear Engineering

REVISE REQUIREMENTS

Nuclear Decommissioning and Environmental Management (ND&EM) Minor

Select two courses:

- ~~CE 440 - Civil Engineering Systems Design and Management~~
- NE 542 Management of Radioactive Materials[1] ~~(3)~~
- NE 552 Radiological Assessment and Dosimetry[1] ~~(3)~~

- CE 581 – Construction Estimating[1]
  or
- CE 582 – Construction Scheduling[1]

[1] Students who choose to take any of the 500-level courses should consult with their advisor to determine whether these courses will be applied as undergraduate or graduate credits.

Rationale: The Civil Engineering Department is dropping CE 440. This course is listed under the elective selections available for the NDEM Minor. Civil Engineering 581 or Civil Engineering 582 are used in place of CE 440. Impact on other units: Nuclear Decommissioning and Environmental Management (NDEM) minor students from Civil Engineering program. Financial impact: None.

Nuclear Engineering Major, BS in Nuclear Engineering

Honors Program – Nuclear Engineering Major

In addition to satisfying the requirements described for the nuclear engineering major, candidates for the honors program in nuclear engineering must also complete the following requirements.

- Maintain an overall GPA of 3.4.
- Four 100- or 200-level honors courses* (14 hours minimum, at least two courses must be from engineering fundamentals, physics, math, chemistry, or biology).
- Complete two upper-division honors courses in nuclear engineering (NE 347, NE 357, NE 367, NE 427*, NE 447, or NE 467).
- Satisfy the breadth requirements for the Engineering Honors Program as shown on the College of Engineering website.

*While most students fulfill this requirement with 100- and 200- level courses, students may substitute upper level courses on approval of the Honors faculty.

Rationale: Engineering students may like to choose more than 2 honors courses from the major department. These major honors courses are all 300 and 400 level. Impact on other units: None. Financial impact: None.

Nuclear Engineering Major, BS in Nuclear Engineering – Radiological Engineering Concentration

REVISE REQUIREMENTS

Honors Program – Nuclear Engineering Major – Radiological Engineering Concentration

In addition to satisfying the requirements described for the nuclear engineering major, candidates for the honors program in nuclear engineering must also complete the following requirements.

- Maintain an overall GPA of 3.4.

- Four 100- or 200-level honors courses* (14 hours minimum, at least two courses must be from engineering fundamentals, physics, math, chemistry, or biology).
- Complete two upper-division honors courses in nuclear engineering (NE 347, NE 357, NE 367, NE 427*, NE 447, or NE 467).
- Satisfy the breadth requirements for the Engineering Honors Program as shown on the College of Engineering website.

*While most students fulfill this requirement with 100- and 200- level courses, students may substitute upper level courses on approval of the Honors faculty.

Rationale: Engineering students may like to choose more than 2 honors courses from the major department. These major honors courses are all 300 and 400 level. Impact on other units: None. Financial impact: None.

COLLEGE OF NURSING
All changes effective fall 2017

COURSE CHANGES

REVISE CREDIT HOURS

NURS 305 Professional Practice and Role Development (3)
Formerly: NURS 305 Professional Practice and Role Development (4)

Rationale: During the curriculum revision in 2015, the credit hours for NURS 305 were reduced and the change was not submitted to catalog. Health assessment courses in the other two BSN tracks [traditional and accelerated] are 3 credit hours each. NURS 401 was the new Pharmacology course developed with the RN track curriculum revision to replace two 3 credit hour courses. After review of the modified curriculum, it was determined that one 3 credit hour course was not sufficient to meet the student learning outcomes.

ADD

NURS 312 Foundations of Professional Nursing Practice for the Accelerated Student (5) Emphasis on patient centered communication, therapeutic interventions, and critical thinking to provide quality evidenced-based care to adults.
Contact Hour Distribution: 2 lectures and 3 labs.
(RE) Corequisite(s): 319 and 333 and 351.
Registration Restriction(s): Bachelor of Science in Nursing — nursing major (accelerated track).

REVISE CREDIT HOURS

NURS 334 Health Assessment for the Registered Nurse (3)
Formerly: NURS 334 Health Assessment for the Registered Nurse (4)

NURS 401 Pharmacotherapeutics for the Registered Nurse (4)
Formerly: NURS 401 Pharmacotherapeutics for the Registered Nurse (3)

Rationale: During the curriculum revision in 2015, the credit hours for NURS 305 were reduced and the change was not submitted to catalog. Health assessment courses in the other two BSN tracks [traditional and accelerated] are 3 credit hours each. NURS 401 was the new Pharmacology course developed with the RN track curriculum revision to replace two 3 credit hour courses. After review of the modified curriculum, it was determined that one 3 credit hour course was not sufficient to meet the student learning outcomes.

REVISE CREDIT HOUR AND CONTACT HOUR DISTRIBUTION

NURS 415 Maternal-Newborn Nursing for the Accelerated Student (3)
Formerly: NURS 415 - Maternal-Newborn Nursing for the Accelerated Student (4)
Contact Hour Distribution: 2 lectures and 2 labs.
Rationale: Increased enrollment in the Accelerated BSN program resulted in separate classes for traditional and accelerated students. Need to differentiate NURS 311 for TBSN and ABSN as pre-requisites differ. Separating didactic and clinical components of ABSN courses allows flexibility in sequencing of accelerated courses. All clinical courses standardized to total of 4 credit hours. Impact on other units: None. Financial impact: None.

ADD

NURS 416 Clinical Immersion: Maternal-Newborn Nursing for the Accelerated Student (1) Clinical immersion experiences with a focus on application of knowledge from natural and behavioral sciences to provide high-quality, evidence-based care to childbearing women and their neonates.
(RE) Corequisite(s): 415.
Comment(s): Nursing 415 may be taken before or at the same time as Nursing 416; however, Nursing 416 may not be taken before Nursing 415.
Registration Restriction(s): Bachelor of Science in Nursing — nursing major (accelerated track).

NURS 422 Psychiatric Mental Health Nursing for the Accelerated Student (3) Emphasis on using, integrating, and synthesizing knowledge to provide high quality evidenced based care to patients experiencing bio-psycho-social issues and mental disorders.
Registration Restriction(s): Bachelor of Science in Nursing — nursing major (accelerated track).

NURS 423 Clinical Immersion: Psychiatric Mental Health Nursing for the Accelerated Student (1) Clinical immersion experiences with a focus on providing high quality evidenced based care to patients experiencing bio-psycho-social issues and mental disorders.
(RE) Corequisite(s): NURS 422
Registration Restriction(s): Bachelor of Science in Nursing — nursing major (accelerated track).

REVISE CONTACT HOUR DISTRIBUTION

NURS 432 Community and Public Health Nursing for the Accelerated Student (3)
Formerly: *Contact Hour Distribution: 2 lectures and 1 lab. (Now all lecture.)*

Rationale: Increased enrollment in the Accelerated BSN program resulted in separate classes for traditional and accelerated students. Need to differentiate NURS311 for TBSN and ABSN as pre-requisites differ. Separating didactic and clinical components of ABSN courses allows flexibility in sequencing of accelerated courses. All clinical courses standardized to total of 4 credit hours. Impact on other units: None. Financial impact: None.

ADD

NURS 433 Clinical Immersion: Community and Public Health Nursing for the Accelerated Student (1) Clinical immersion experiences with a focus on nursing care of individuals, families, communities, and populations in the community
(RE) Corequisite(s): NURS 432
Registration Restriction(s): Bachelor of Science in Nursing — nursing major (accelerated track).

NURS 445 Clinical Immersion: Pediatric Nursing for the Accelerated Student (1) Clinical immersion experiences with a focus on application of knowledge from natural and behavioral sciences to provide high quality, evidence-based care to pediatric patients and their families.
(RE) Corequisite(s): NURS 444
Registration Restriction(s): Bachelor of Science in Nursing — nursing major (accelerated track).

TEXT AND PROGRAM CHANGES

REVISE TEXT
(Main college page, paragraph 1)

The College of Nursing at the University of Tennessee, Knoxville, was established in July 1971 in response to a long recognized and well-established need for nurses prepared at the collegiate level. The undergraduate program at The University of Tennessee partners with multiple ~~combines the unique resources of the University of Tennessee, Knoxville, campus with those of the university's comprehensive teaching hospital and other~~ health care agencies in a manner that enables both faculty and students to participate fully in all facets of the health care delivery system. The program is accredited by the Commission on Collegiate Nursing Education at One Dupont Circle, NW, Suite 530, Washington, DC 20036, phone (202) 887-6791. The program is also unconditionally approved by the Tennessee Board of Nursing.

REVISE TEXT
(Main college page)

General Requirements
Students enrolled in the Traditional ~~In order to obtain a~~ Bachelor of Science in Nursing [TBSN] program ~~degree students~~ are required to successfully complete eight semesters of full-time study or the equivalent in part-time study, of prescribed coursework, for a total of 123 semester hours. The minimum number of credits required for graduation is 123 hours.
~~The program also accommodates registered nurses who hold associate degrees in nursing or who are graduates of diploma nursing programs.~~ All upper-division courses, with the exception of NURS 351 and NURS 406, are restricted to students who have been approved for progression. (See Progression Policies and Procedures.) Students pursuing the nursing major are expected to take NURS 319 prior to NURS 351. Second degree students enrolled in the Accelerated BSN [ABSN] program are required to successfully complete 47 credit hours after completing all prerequisite requirements. The program also offers a completely on-line degree completion program for registered nurses [RNs] who hold an associate degree in nursing or who are graduates of diploma nursing programs. RN students starting upper division coursework will receive proficiency credit for five major clinical nursing courses and then must complete 34 credit hours of course work.

Progression Policies and Procedures
Current standards are available from the Director of Student Services, College of Nursing, Room 203.

2. Prior to enrollment in junior courses, students must successfully complete a criminal background check, drug screen, and specific health requirements. ~~Registered Nurses must be licensed to practice in the state of residence and/or employment.~~
3. Students in the RN to BSN Track must be licensed to practice in the state of residence and/or employment. ~~Prior to enrollment in junior courses, students must successfully complete a criminal background check, drug screen, and specific health requirements.~~

Grading and Continuation Policies

3. No nursing course may be repeated more than once ~~NURS 496 may be repeated twice to earn a passing grade). If a C–, D, F, or NC grade is earned on the second attempt the student will be required to withdraw from the program~~.
4. Any student who receives a grade of C–, D, F, or NC for more than one nursing course will be required to withdraw from the program even if the previous course for which C–, D or F was awarded has been repeated with a grade of C or higher ~~NURS 496 may be repeated twice to earn a passing grade)~~.
9. At periodic intervals specified by the faculty, students must take comprehensive examinations designed to predict success on the NCLEX (licensure) examination. ~~Any student scoring less than 850 at the end of the junior year must take a one-hour independent study course during the summer before starting the senior clinical courses. Seniors will have two opportunities to achieve 850 on an exit exam given prior to graduation. A student who does not score 850 on the second exit exam at the end of spring term will be given a grade of Incomplete in NURS 496 (Preparation for Professional Practice). The student will be given the opportunity to remediate and take a third exit exam no sooner than six weeks after the second exit exam. If the student does not score 850 on the third exit exam, the student will receive a failing grade for NURS 496 and may be eligible to retake NURS 496 in the fall term. NURS 496 twice, the Academic Review Committee will review the student data and make recommendations to the dean regarding the student's standing in the program.~~

Rationale: Up-date of program requirements and clarification of progression policies. Impact on other units: None. Financial impact: None.

REVISE REQUIREMENTS

Nursing Major (Accelerated Track), BS in Nursing

An accelerated track is available for non-nurses with a prior baccalaureate degree. Students in the accelerated track must complete the following prerequisite courses prior to admission: CHEM 100*-CHEM 110* (8 hours); anatomy (EEB 240, 4 hours); physiology (BCMB 230, 5 hours); MICR 210* (3 hours); human development (CFS 210*, 3 hours); NUTR 100* (3 hours); contemporary moral problems (PHIL 252*, 3 hours); NURS 201 - Introduction to Nursing (2 hours); and STAT 201* (3 hours).

Total prerequisite coursework: 33-34 ~~32-33~~ hours (dependent on A&P courses)

Rationale: Reflects dropping pre-requisite completion of NURS 201 Introduction to Nursing as content is included in required course NURS 311 Impact on other units: None. Financial impact: None - None Total required credit hours remains 79-80 with changes in required nursing courses.

REVISE REQUIREMENTS

Course Requirements (47 ~~46~~ hours)

- ~~NURS 311 - Foundations of Professional Nursing Practice~~
- NURS 312 - Foundations of Professional Nursing Practice for the Accelerated Student
- NURS 416 – Clinical Immersion: Maternal-Newborn Nursing for the Accelerated Student
- ~~NURS 421 - Contemporary Psychiatric Mental Health Nursing~~
- NURS 422 - Psychiatric Mental Health Nursing for the Accelerated Student
- NURS 423 Clinical Immersion: Psychiatric Mental Health Nursing for the Accelerated Student
- NURS 433 Clinical Immersion: Community and Public Health Nursing for the Accelerated Student
- NURS 445 Clinical Immersion: Pediatric Nursing for the Accelerated Student

Rationale: Reflects separation of didactic and clinical components of specialty clinical courses. Impact on other units: None. Financial impact: None Total required credit hours remains 79-80 with changes in prerequisite courses.

REVISE REQUIREMENTS

Nursing Major (RN Track), BS in Nursing

Course Requirements (122 ~~123~~ hours)

- ~~NURS 406 - Pharmacotherapeutics II~~

Rationale: NURS 406 Pharmacotherapeutics II removed from requirements when RN to BSN curriculum revised in 2015-2016. All students following old curriculum requirements have now graduated. Impact on other units: None. Financial impact: None.

REVISE REQUIREMENTS

Requirements for the Bachelor of Science in Nursing

Term 5		
NURS 311, NURS 319, NURS 333, NURS 341	14	NURS 311, NURS 319, NURS 333, and NURS 341 with ~~a~~ grades of C or better
Term 6		

NURS 351, NURS 361, NURS 381, NURS 382	14	NURS 351, NURS 361, NURS 381, NURS 382 with ~~a~~ grades of C or better
Term 8		
NURS 403, NURS 404, NURS 495, NURS 496	14	NURS 403, NURS 404, NURS 495, and NURS 496 with ~~a~~ grades of C or better
TOTAL	**123**	

Rationale: Students in Nursing Major must achieve a minimum of C or better in all courses, not just NURS 311, 351, 495
Impact on other units: None. Financial impact: None.

COLLEGE OF SOCIAL WORK
All changes effective fall 2017

COURSE CHANGES

ADD

SOWK 417R Honors: Social Work Research (3)
Scientific method and research strategies to evaluate one's practice and/or social service delivery with an emphasis on development and implementation of a research project.
(RE) Prerequisite(s): Mathematics 115 or Psychology 385.
(RE) Corequisite(s): 480.
Comment(s): Social work majors not involved in the honors concentration may register with permission of the instructor.
Registration Restriction(s): Social work major – honors concentration.

SOWK 467R Honors: Integrative Seminar (3)
Advanced social work content for professional practice and current issues influencing the profession. Includes development of a portfolio reflecting BSSW competencies and completion of a research project.
(RE) Corequisite(s): 481 or 483.
Comment(s): Social work majors not involved in the honors concentration may register with permission of the instructor and successful completion of 417 with a grade of B or above.
Registration Restriction(s): Social work major – honors concentration.

Rationale: The college applied for and received approval from the R-subcommittee to add these R-designated courses. Impact on other units: None. Financial impact: None.

OTHER
All changes effective fall 2017

CENTER FOR INTERNATIONAL EDUCATION

COURSE CHANGES

(INTE) International Education

ADD, REQUEST VARIABLE TITLE

INTE 250 Special Topics in International Education (1-3) Critical exploration of international and intercultural issues in a disciplinary or interdisciplinary context through experiential forms of inquiry such as research, service-learning and internship.
Repeatability: May be repeated. Maximum 9 hours.

Request variable title.
All first-time offerings of INTE 250 will be approved as appropriate by the PAC (Programs Abroad Committee) which is made up of representatives from the colleges.

TEXT AND PROGRAM CHANGES

ADD TEXT
(Add section after *International Partnerships*)

Peace Corps Prep (PCP) Program
The Peace Corps Prep (PCP) program (web link to program page) prepares undergraduate students to be strong candidates for entering the U.S. Peace Corps. The program consists of four components: (1) academic coursework in a focused area related to Peace Corps activities; (2) hands-on training and experience in this focused area; (3) development of a student's foreign language skills; and (4) professional and leadership development. The academic coursework that a student uses to meet PCP requirements can also be used to satisfy requirements in a student's major or minor or in the General Education curriculum. All UTK undergraduate students, regardless of major, may apply to participate in the PCP program. Students should apply for admission to the program as early as possible, and no later than one year before they expect to complete their UTK undergraduate degree. For

more information, please visit the Peace Corps page of Center for International Education website (web link) or contact UTK's Peace Corps Prep Program coordinator.

Rationale: UT has applied to offer a Peace Corps Prep Program in corporation with the Peace Corps. This program had been approved by UT's Undergraduate Council and is pending approval by the Peace Corps. If approved, the information will be entered into the catalog. Impact on other units: Minimal, because the program will utilize current UT courses, although there is a potential of increased enrollment in some courses. Financial impact: None.

HONORS AND SCHOLARS PROGRAMS

COURSE CHANGES

(UNHO) University Honors

ADD, REQUEST VARIABLE TITLE

UNHO 100 Honors Experience (0) Honors enrichment experience. Topics vary.

Rationale: We plan to begin offering enrichment experiences, such as bridge "study abroad" programs aimed at first-year students in all unit honors programs. Because these experiences will be led by honors staff, no tuition dollars are needed to pay faculty, and making the course 0-credit negates impact on student financial aid. Impact on other units: none. Financial impact: none.

REVISE TITLE AND DESCRIPTION

UNHO 101 Honors First-Year Seminar (1) Introductory seminar for students in honors. Topics vary.
Formerly: Chancellor's Honors First-Year Seminar (1) Required of and limited to first-year students in the Chancellor's Honors Program. Introductory seminar focused on a topic within an academic discipline. Topics vary.

Rationale: Course will be utilized broadly within Honors and Scholars, including for first-year students in the proposed 1794 Scholars Program, rather than just for Chancellor's Honors Program students. Impact on other units: none. Financial impact: none.

PROGRAM CHANGES

ADD PROGRAM

1794 Scholars Program

The 1794 Scholars Program (1794) is a two-year enrichment program focusing on the Volunteer experience. Through collaboration with various campus partners, 1794 provides students with a variety of academic and co-curricular experiences to give them a personalized experience, which will serve as a strong foundation upon which to build in their final two years at the university during which 1794 Scholars are encouraged to participate in college and departmental honors programs.

The 1794 Living and Learning Community welcomes first-year students.

The program focuses on four key areas of campus life. Students will engage in activities related to each of the four pillars during each semester of their program tenure:

- Academic engagement: embracing an attitude of intellectual curiosity and constantly seeking to expand one's knowledge
- Global and cultural awareness: developing a better understanding and appreciation of other cultures and combatting prejudice through knowledge
- Campus involvement: engaging with the UT student community in meaningful ways and contributing to the active campus culture
- Volunteer spirit: seeking to better our community with a passion for service and to promote social change through leadership

Eligibility

Admission to the 1794 Scholars Program is available to entering first-year students. High school seniors with excellent academic credentials and an interest in embracing the college experience are invited to apply.

Requirements

1794 students will complete one approved activity for each of the four program pillars each semester (fall and spring) of their first and second year of study. A complete list of activities for each pillar will be provided in the student handbook. During their first semester, students will take UNHO 101 in order to fulfill the academic engagement requirement. Students will be expected to participate in honors advising at least once per year while in the program. Students will be required to make timely progress towards graduation while maintaining a 3.0 cumulative GPA. Upon completion of the program, students will be expected to complete a capstone project and presentation for the Annual 1794 Scholars Celebration.

Rationale: This program targets a group of high-achieving students not currently eligible for the Chancellor's Honors Program. Its creation will enable us to recruit a larger and more diverse population of high-achieving students to the university. Impact on other units: none. Financial impact: none.

ADD PROGRAM

Honors Leadership Program

The Honors Leadership Program (HLP) is the University of Tennessee's campus-wide honors leadership program. In partnership with the Center for Leadership and Service, the HLP provides students with a foundation in both leadership theory and practice.

The program is built upon the core values of personal and social responsibility, community engagement, experiential learning, and diversity and inclusion. HLP students complete the Honors Leadership Studies minor, participate actively in campus organizations, and engage with a community of leadership scholars. HLP students develop a personalized style of leadership that will serve them on campus and in their post-graduate endeavors.

The Honors Leadership Living and Learning Community welcomes first-year students. Students living in this LLC also participate in a specialized Ignite program prior to the fall semester, designed to foster a sense of community among Honors Leadership students. Subsequent programming is designed to engage students in academic conversations about leadership as well as provide them with opportunities to apply their developing leadership skills. Honors Leadership Program students maintain active involvement in campus organizations, participate enthusiastically in program-sponsored events, and engage in campus conversations about leadership and service.

Eligibility

Admission to the Honors Leadership Program is available to entering first-year students. High school seniors with superior academic credentials and an interest in the study and practice of leadership are invited to apply.

Requirements

Honors Leadership students complete the honors track of the Leadership Studies Minor, which includes coursework in leadership theory, leadership ethics, and the preparation of a leadership portfolio.

Student also complete co-curricular requirements, which include:

- Participation in the Honors Leadership Ignite session
- Participation in the Honors Leadership Living & Learning Community (first-year students)
- Completion of twenty-five hours of documented community service annually
- Annual participation in the Clifton M. Jones Student Leadership Conference
- Annual participation in the MLK Day of Service
- Attendance at a minimum of two Leadership Legacy Series offerings annually
- Annual advising/planning sessions with HLP staff

Students in the HLP are required to maintain a 3.5 cumulative GPA while making timely progress on their graduation requirements and the requirements of the leadership studies minor.

Rationale: This program is being created to attract high-ability students who have a specific interest in leadership and campus involvement. In addition to the 1794 Program, this program enables us to increase overall numbers of honors students while diversifying honors experiences for those students. Impact on other units: The Department of Educational Leadership and Policy Studies will add an honors version of an existing course and one additional course to their offerings. No additional burdens are being placed on any other departments. Financial impact: None outside of ELPS.

SUPPLEMENTAL ITEMS

COLLEGE OF ARTS AND SCIENCES
Changes Effective Fall 2017

REVISE TEXT

Arts and Sciences
(Main college page)

College-wide Requirements: Foundations
Quantitative Reasoning
All students pursuing a degree from the College of Arts and Sciences must demonstrate the ability to use the tools of quantitative analysis. Students may meet this college requirement either by completing two of the following courses, or by completing one of the following courses and also COSC 100, PHIL 130, ~~or~~ PHIL 235, or PSYC 385.

College-wide Requirements: Perspectives

Arts and Humanities: List A – Literature and Philosophical and Religious Thought

AFST 225; CLAS 221, CLAS 222, CLAS 253, CLAS 254, CLAS 255; ENGL 201, ENGL 202, ENGL 206, ENGL 207, ENGL 208, ENGL 221, ENGL 222, ENGL 226, ENGL 231, ENGL 232, ENGL 233, ENGL 237, ENGL 238, ENGL 247, ENGL 248, ENGL 251, ENGL 252, ENGL 253, ENGL 254, ENGL 258; PHIL 101, PHIL 107, PHIL 200, PHIL 244, PHIL 252; RUSS 221, RUSS 222.

Social Sciences

AFST 201, AFST 202; AGNR 180; ANTH 130, ANTH 137; AREC 201; BCPP 101; CFS 210, CFS 220; ECON 201, ECON 207; EDPY 210; GEOG 101, GEOG 111, GEOG 121; HSP 257, HSP 268; IARC 200 ~~IDS 200~~, IARC 207 ~~IDS 207~~; POLS 101, POLS 102, POLS 107; PSYC 110, PSYC 117; REST 232, REST 233; SOCI 110, SOCI 120, SOCI 127; SOWK 250; UNHO 267, UNHO 268; WGS 200.

Rationale: Changes reflect new courses approved for General Education. Changes to IDS 200 and 207 are due to a department name change; the new name of these courses are IARC 200 and 207.

OTHER
Changes Effective Fall 2017

The General Education Committee application for Communicating through Writing (WC) course endorsement includes a question regarding whether the course has a prerequisite of "English 102 or equivalent." The WC subcommittee has assumed that applicants who answer "yes" to this question have already put this prerequisite into the catalog or, if not, have submitted the revision to the Curriculum Committee.

At the January 18, 2017, meeting of the General Education Committee, the WC subcommittee chair discovered that there are WC courses that have been approved by the General Education Committee that do not have this prerequisite and have not submitted a course revision. Therefore, rather than rescind the WC approval, we request that the courses listed below, which have been approved as WC for the fall 2017 catalog, be revised to meet the criteria to which the departments/colleges agreed when they submitted their WC applications.

REVISE (RE) PREREQUISITE(S)

❋ ALEC 440 Communication Techniques in Agriculture (3)
(RE) Prerequisite(s): ENGL 102, 132, 290, or 298.
Formerly: (RE) Prerequisites: ENGL 102 or 118.

Rationale: CASNR was updating the prereq for this WC course according to the prereqs for English courses in the 2016 catalog; however, the WC requirement is "102 or equivalent," which is defined by the English Department as ENGL 102, 132, 290, or 298. The General Education Committee and the College of Arts and Sciences are making this request on behalf of and in cooperation with the College of Agricultural Sciences and Natural Resources.

✳ CHEM 449 Advanced Synthesis Laboratory (2)
(RE) Prerequisite(s): 260 and 269 or 369 and 330 and 339; and ENGL 102, 132, 290, or 298.
Formerly: (RE) Prerequisite(s): 260 and 269 or 369 and 330 and 339.

✳ CHEM 459 Advanced Measurement and Spectroscopy Laboratory (2)
(RE) prerequisite(s): 210 and 219 and 370 and 379; and ENGL 102, 132, 290, or 298.
Formerly: (RE) prerequisite(s): 210 and 219 and 370 and 379.

✳ MSE 304 Principles of Materials Laboratory II (2)
(RE) Prerequisite(s): 300, 320, 340, 360; and ENGL 102, 132, 290, or 298.
Formerly: (RE) Prerequisite(s): 300, 320, 340, 360.

✳ PSYC 400 Advanced Cognitive Psychology (3)
(RE) Prerequisite(s): 314; and ENGL 102, 132, 290, or 298.
Formerly: (RE) Prerequisite(s): 314.

❋ PSYC 415 – Psychology of Religion (3)
(RE) Prerequisite(s): 110 or 117; and ENGL 102, 132, 290, or 298.
Formerly: (RE) Prerequisite(s): 110 or 117.

✳ † PSYC 434 Psychology of Gender (3)
(Same as Women, Gender, and Sexuality 434.)
(RE) Prerequisite(s): 110 or 117; and ENGL 102, 132, 290, or 298.
Formerly: (RE) Prerequisite(s): 110 or 117.

Psychology is primary.

✳ PSYC 481 Intimate Partner Violence (3)

(RE) Prerequisite(s): 110 or 117 or SOCI 120 or SOCI 127 or SOWK 200 or SOWK 207 or EDPY 210; and ENGL 102, 132, 290, or 298.
Formerly: (RE) Prerequisite(s): 110 or 117 or SOCI 120 or SOCI 127 or SOWK 200 or SOWK 207 or EDPY 210.

✳ PSYC 485 Special Topics in Psychology (3)
(RE) Prerequisite(s): 110 or 117; and ENGL 102, 132, 290, or 298.
Formerly: (RE) Prerequisite(s): 110 or 117.

Rationale: These courses have been approved as WC and indicated on the WC application that they would require English composition as a prereq. The General Education Committee is making this request on behalf of and with the support of the College of Arts and Sciences and the Tickle College of Engineering.

GENERAL EDUCATION COMMITTEE

The University of Tennessee, Knoxville
General Education Committee
Minutes of the Meeting
January 18, 2017

Call to order: A regular meeting of the General Education Committee was held in Room 605 of Hodges Library on January 18, 2017. The meeting was called to order by Barbara Murphy, Committee Chair, at 8:33 am.

Members present: Barbara Murphy, Chair, Nadia Fomin, Delores Smith, Chuck Collins, George Drinnon, Jeff Fairbrother, Margie Russell (proxy for Masood Parang), Kirsten Benson, Harriet Bowden (proxy for Megan Bryson), Cheryl Kojima, John Haas, Mike McFall, Missy Parker, Teresa Walker

Others present: Mary Albrecht, Alison Connors, Luke Garton, R.J. Hinde, Dolores Smith, and Molly Sullivan

Approval of the Minutes: The minutes from the December 14, 2016, meeting were approved without changes.

Course Proposals Approved:
- ARCH 431 – Integration of Building Systems in Design (QR)
- GEOL 202S – Earth as an Ecosystem (NS/Non-lab)
- IARC 200 – Human-Environment Relations (SS) (due to a department name change, this course will replace and be equivalent to IDS 200, which is being dropped)
- IARC 207 – Honors: Human-Environment Relations (SS) (due to a department name change, this course will replace and be equivalent to IDS 207, which is being dropped)
- IARC 460 – Lighting for Interior Architecture (QR) (due to a department name change, this course will replace and be equivalent to IDS 460 – Lighting for Interior Design, which is being dropped)
- PSYC 485 – Special Topics in Psychology (WC)
- PSYC 385 – Statistics in Psychology (QR) (approved conditionally pending correction of typos on application form)

Course Proposals Denied:
- ARCH 471 – Integration Design Studio, which was submitted as a companion course to ARCH 431. The Committee decided that these courses should be evaluated as stand-alone courses and that only ARCH 431 qualified to satisfy the QR requirement.

Courses Being Dropped:
- IDS 200 – Human-Environment Relations (SS)
- IDS 207 – Honors: Human-Environment Relations (SS)
- IDS 460 – Lighting for Interior Design (QR)

Other Business:
- The document outlining the assessment process for classes in general education was reviewed, and additional edits were recommended.
- The Experience Learning process document was reviewed specifically to understand how it pertains to general education courses, which can be summarized as “A course submitted for an Experience Learning designation that has a base course (i.e., equivalent course without an EL designation) that has been approved as satisfying a general education requirement must also be submitted to the General Education Committee to ensure that the EL designated course meets the criteria for the general education requirement of the base course.”
- The course proposal form for WC designation includes the items “Prerequisites: English 102 or equivalent” and “Note: English 102 or equivalent required as a prerequisite.” Kirsten Benson noted that some students have taken WC courses without having first completed the freshman composition courses. A quick check of the current catalog resulted in the discovery that many of these courses do not have this required prerequisite. Speculation is that assumptions are being made that completing the WC form is all that is necessary to add the composition prerequisite; however, such changes must go through the Curriculum Committee. Kirsten Benson will follow up to determine how to get these course prerequisites corrected.

Adjournment: Barbara Murphy adjourned the meeting at 9:50 am.

Next Meeting: The next meeting is scheduled for Wednesday, February 8, 2017, beginning at 8:30 am in Room 605 of the Hodges Library.

Minutes Submitted by: Molly Sullivan