The University of Tennessee, Knoxville
Undergraduate Council
Minutes of Meeting
January 29, 2013
3:40pm – Black Cultural Center

MEMBERS PRESENT: Katherine Ambroziak, Dante Arnwine, Richard Bennett, Mary Beth Coleman, Chuck Collins, Jochen Denzler, George Drinnon, Jean Gauger, Miranda Gottlieb (for Taylor Odle), R.J. Hinde, Sungkyu Lee, Jon Levin (Vice Chair), Catherine Luther, Norman Magden, Clare Milner, David Palmer, Masood Parang, Missy Parker, Randal Pierce, Chris Pionke, Christian Powers, Lois Presser, Alicia Purcell, Gary Ramsey, Amber Roessner, Harold Roth, Richard Strange, Eric Sundstrom, Matthew Theriot (Chair), Dixie Thompson, Teresa Walker, Pia Wood

OTHER ATTENDEES: Mary Albrecht, Catherine Anderson, Monique Anderson, Ruth Darling, Amanda Luallen, Sally McMillan, Cheryl Norris, Bill Park, Susan Ratliff, Jamia Stokes

The meeting was called to order at 3:40pm by Matthew Theriot, Chair.

The minutes of the October 30, 2012, meeting of the Undergraduate Council were approved.

Committee Reports

- **Academic Policy (Magden)—**see pages U2374-U2381
  - Norman Magden reviewed the Academic Policy Committee's work. The ECTS credit procedure and the revised credit hour definition were approved unanimously as were the academic probation, academic advising, and exploratory student policies. After discussion, the transfer admission policy was approved by majority. The transfer policy for study abroad work was tabled until further information could be provided.
- **Advising (Parker)—**see page U2382
  - Missy Parker provided a brief report on the committee's last meeting which included discussion of the HOPE scholarship for summer school.
- **Appeals (Park)—**NO REPORT
- **Associate Deans Group (McMillan)—**see pages U2383-U2387
  - Sally McMillan shared some recent topics of discussion at the Associate Deans Group, including student learning outcomes (SLO's), UTracK, SACS, service learning, and the creation of an online learning taskforce. McMillan is scheduled to discuss the online learning taskforce and its goals at the next Faculty Senate meeting and agreed to do the same at the next UG Council meeting.
- **Curriculum (Wright)—**see pages U2388-U2729
  - On behalf of Suzanne Wright, Jon Levin summarized the Curriculum Committee's recommended changes which included 8-semester

UTracK outlines for all undergraduate programs. All curricular proposals were approved.

- **General Education(Collins)—**see pages U2730-U2731
  - Chuck Collins highlighted the recent general education changes and noted that the Cultures and Civilizations requirement was revised to accommodate the addition of the Intermediate American Sign Language courses. Kirsten Benson was chosen as Chair-Elect of the committee. All recommended general education changes were approved.

The meeting adjourned at 4:55pm.

ACADEMIC POLICY COMMITTEE REPORT

November 7, 2012 Meeting Minutes

Attendees: Monique Anderson, Damayanti Banerjee (proxy for Lois Presser), Ruth Darling, Jean Gauger, Catherine Luther, Norman Magden (chair), Clare Milner, Cheryl Norris, Taylor Odle, Missy Parker, Amber Roessner, Noah Rost, Wendy Tate, Kathy Warden

Missy Parker introduced a University Undecided/Exploratory policy. After discussion, it was tabled and will be reintroduced after consultation with the UTracK Committee.

Noah Rost presented a procedural change request related to how ECTS (European Transfer Credit System) credits are transferred to UTK (see memo). The change was approved.

Procedural Change for ECTS Credit—APPROVED



The University of Tennessee Knoxville

The Center for International Education is requesting a change in how ECTS (European Transfer Credit System) Credits are transferred to The University of Tennessee, Knoxville. ECTS is the most widely used academic credit system in Europe, and many of our partner institutions award this credit. Currently, ECTS credits are transferred back at a 2:1 ratio. Because The University of Tennessee, Knoxville has a policy of awarding fractional credit, this results in students earning half US credits for classes that award odd numbers of ECTS credits. For example, a student who successfully completes a 5 ECTS credit class transfers back 2.5 US credits. The awarding of fractional credit for classes taken while abroad is a disincentive for students wishing to study abroad as it could result in their needing to take an additional class on campus to reach the 120 credit graduation requirement. The CIE requests that ECTS credits be rounded up to the next whole number. In a survey of leading study abroad offices at top 25 universities, most indicated that ECTS credit is rounded up to the next whole number. Among the institutions that have implemented this policy are: the University of Florida, the University of Georgia, the University of Illinois, Michigan State University, University of Maryland College Park, University of North Carolina Chapel Hill, Texas A&M University, and the University of Washington. An ECTS conversion table based on this policy would be:

ECTS	UTK
1	1
2	1
3	2
4	2
5	3
6	3
7	4
8	4
9	5
10	5

December 5, 2012 Meeting Minutes

Attendees: Ruth Darling, Jean Gauger, Catherine Luther, Norman Magden (chair), Sally McMillan, Clare Milner, Cheryl Norris, Taylor Odle, Matthew Theriot

Last year, the Curriculum Committee met to discuss guidelines for reviewing courses not taught in four or more years. After much discussion, the committee decided not to adopt the proposed guidelines (listed below). Instead, the committee discussed the possibility of creating an "inactive" list for classes wherein courses that are not being taught can be hidden from the Catalog (and from students) but can be reinstated without having to go through the entire curricular approval process. The committee noted that other groups would need to consider the plan, so Matthew Theriot (UG Council Chair) asked the APC committee to consider the proposal as well.

Sally McMillan asked for feedback on an upcoming proposal related to transfer admission policies. Over the last few years, UTK's transfer policies have moved away from a very specific set of standards (e.g. minimum GPA) to a more holistic approach that weighs a variety of factors, including departmental capacity. The only specific reference remaining in the catalog is the requirement of a C or better for transfer coursework, and it only applies to students who apply for transfer prior to degree completion. Removing the sentence would be more in line with the rest of the policy and would allow departments to make the final call on whether or not a course can be used in the major. After discussion, McMillan said she would submit a formal proposal before the next APC meeting.

UG Council Minutes, page U2303, April 10, 2012 (PROPOSAL REJECTED)

To ensure that the courses published in the Undergraduate Catalog accurately reflect those offered or those likely to be offered in the near future, the Undergraduate Curriculum Committee annually examines a list of undergraduate courses that have not been offered in four or more years.

Departments may retain courses on the list if adequate justification is provided. The associate dean for academic/curricular affairs should solicit responses from all affected units. Common, acceptable responses for courses appearing on the list for the first time include:

- The course is a generic "readings" or "topics" course that will be used by the college, department, or program in the future;
- A new faculty member has been hired who will teach the course in the near future;
- The course is scheduled to be taught in the next year.

Courses appearing on the list for the second or third time require detailed, concrete plans to offer the course in the near future. Courses with no response or justification are automatically dropped.

The chair of the committee may provide an organizational framework for reviewing the courses in the most efficient and effective way possible.

GR Council Minutes, page G1949, April 12, 2012 (PROPOSAL APPROVED)

To make sure that the courses published in the Graduate Catalog accurately reflect those offered, or likely to be offered, in the near future at the University of Tennessee – Knoxville.

To do this, every year the Curriculum Committee examines a list of graduate courses that have not been offered for four years or more. Departments must justify continuing to list courses even though they have not been taught for four or more years.

The Graduate School compiles a list of all courses under consideration for removal from the Graduate Catalog due to not having been taught for four or more years. This list is provided to the dean in charge of academic or curricular affairs at each college. It is the responsibility of the deans to disseminate the list to their department heads, gather the requested information, and submit it to the Graduate School.

Colleges may retain courses on the list if adequate justification is provided. Responses to which the Committee has given strong consideration in the past include:

- The course is an "issues," "readings," or "topics" course that will be used by the college, department, or program in the future;
- A new faculty member has been hired who will teach the course in the near future;
- The course is scheduled to be taught in the next year.

Courses appearing on the list for the second or third time require detailed, concrete plans to offer the course in the near future. Courses for which no justification is provided are automatically dropped, even if they are appearing on the list for the first time.

The chair of the committee may provide an organizational framework for reviewing the courses in the most efficient and effective way possible.

January 16, 2013 Meeting Minutes

Attendees: Mary Albrecht, Monique Anderson, Richard Bayer, Ralph Brockett, Alison Connor, Ruth Darling, Jean Gauger, Norman Magden (chair), Sally McMillan, Clare Milner, Cheryl Norris, Stefanie Ohnesorg, Taylor Odle, Missy Parker, Lois Presser, Kay Reed, Amber Roessner, Marian Roman, Amanda Sanford, Wendy Tate, Kathy Warden

The Undergraduate and Graduate Academic Policy Committees met jointly to consider a revised definition of the credit hour. After brief discussion, a vote was taken and the proposed definition, with a slight friendly amendment was approved unanimously. The proposal will be forwarded to the Undergraduate and Graduate Councils for final approval.

One addition to the glossary and five other revised policies were also approved by the Undergraduate APC:

- Academic Probation
- Academic Advising at UT
- General Transfer Admission Policies
- Transfer Credit: Study Abroad Programs
- University Undecided/Exploratory Students

Credit Hour Definition—APPROVED

The unit of credit is the semester credit hour. One semester credit hour represents an amount of instruction that reasonably approximates both 50 minutes per week of classroom-based direct instruction and a minimum of two hours per week of student work

outside the classroom over a fall or spring semester. Normally, each semester credit hour represents an amount of instruction that is equivalent to 700 minutes of classroom-based direct instruction. The amount of time that is required to earn one semester credit hour in a laboratory, fieldwork, studio, or seminar-based course varies with the nature of the subject and the aims of the course; typically, a minimum of two or three hours of work in a laboratory, field, studio, or seminar-based setting is considered the equivalent of 50 minutes of classroom-based direct instruction. Semester credit hours earned in courses such as internships, research, theses, dissertation, etc. are based on outcome expectations established by the academic program.

Rationale: Meets federal guidelines and SACS requirement.

Academic Probation—APPROVED

A student will be placed on Academic Probation when (1) his/her cumulative GPA falls below the minimum acceptable level of 2.0 for one semester or (2) the semester GPA falls below the minimum acceptable level of 2.0 two consecutive terms of enrollment. During the semester that a student is placed on Academic Probation, and any other semesters in Academic Probation, a student must participate in a special directive advising program to help the student address concerns that are impacting his/her academic performance, and to outline a plan for achieving academic success. This model of early intervention is designed to help students regroup and position themselves for academic success. Students on Academic Probation status during a term will automatically be dismissed at the end of that term if both:

- The cumulative GPA is below a 2.0, and
- The term GPA is below a 2.0
- For first-time, first-year, and transfer students, the summer term prior to their first fall term will not be included in the dismissal decision.

A student will no longer be on academic probation when his or her cumulative grade point average is 2.0 or higher and the term grade point average is 2.0 or higher. This policy is in place in recognition of the University of Tennessee, Knoxville's minimum grade point average of 2.0 for graduation.

Rationale: All first-year students entering fall term are given two regular academic terms to earn at least a term GPA of 2.0 or above and/or to progress to good standing (cum GPA 2.0) before being academically dismissed. Summer sessions not duplicate the academic experience nor do they provide a typical first term experience for a new student.

Academic Advising at UT—APPROVED

The University of Tennessee recognizes academic advising to be a critical component of the educational experience and student success. Faculty, administrators, and professional staff promote academic advising as a shared responsibility with students. Academic advising serves to develop and enrich students' educational plans in ways that are consistent with their personal values, goals, and career plans, preparing them for a life of learning in a global society. More information is available at: http://www.utk.edu/advising/.

Students are assigned to advisors based on their major or exploratory track. Advising centers and designated offices in each college advise most freshmen and sophomores.

Faculty advisors, working closely with the advising centers, guide most advanced students. At all levels, campus-wide guidelines for good advising are supplemented by specific college standards, guidelines, and evaluation.

~~**All students are encouraged to consult with their advisors at any time.**~~

Prior to enrolling for the first time at the university, all degree-seeking first-year students and transfer students are required to meet with an academic advisor. Readmitted students must also meet with an academic advisor prior to reenrolling. The following groups of students are required to meet with an advisor during each tracking semester (fall and spring):

- All students with fewer than 30 hours at UTK.
- Students following exploratory tracks.
- Students identified as "off track" by UTracK.
- Students on Academic Probation.

All other students are required to consult with an advisor for a substantial conference during a designated semester each year.

- Students whose ID numbers end in an even digit are required to meet with an advisor during fall semester.
- Students whose ID numbers end in an odd digit are required to meet with an advisor during spring semester.

All students are encouraged to consult with their advisors at any time.

All students at the University should review carefully the prescribed curricula of the respective degree-granting units and should choose courses in accordance with the exploratory or major track that they are pursuing. More information is available at: http://catalog.utk.edu/. The student, not the advisor, bears the ultimate responsibility for educational planning, selecting courses, meeting course prerequisites, and adhering to policies and procedures. Assistance to students with academic problems or questions is provided by professors, advisors, department heads, and college deans or advising centers. Numerous other sources of academic, career, and personal counseling exist on the UT Knoxville campus and are available to admitted students. These are described in this catalog under Student Affairs and Academic Services and detailed information is available on the Student Success Web site http://studentsuccess.tennessee.edu/.

General Transfer Admission Policies—APPROVED

The University of Tennessee, Knoxville (UTK) has a competitive admission process for transfer students. Students will be reviewed holistically on factors such as high school and transfer GPA, ACT/SAT scores, and intended major field of study. Some majors have capacity limits which result in very few transfer admissions into those majors – even for well-qualified students. Grades earned at other colleges and universities are used only for admission, course placement, and other academic decisions. They are not included in the UTK GPA. All courses attempted and grades earned, including repeated coursework, in college-level and non-remedial courses are considered in holistic review.

College academic credits earned in a country outside of the United States must be submitted for course-by-course evaluation by a company that is a member of the National Association of Credential Evaluation Services, and the evaluation report will be an important

factor in the admission decision. For additional information, see the section on International Student Applicants.

Academic units play an important role in the holistic review of transfer students. Students should be aware that many UTK majors and/or colleges require additional coursework and enforce performance standards beyond ~~that~~ what is required by other ~~public~~ universities and colleges ~~in the state of Tennessee~~; this may include an intermediate level sequence of a foreign language, more advanced math and science requirements, and courses in non-U.S. history.

Details on majors and requirements are available from the Office of the University Registrar website: http://registrar.tennessee.edu/transfer/.

Prior to graduating from UTK, transfer students must have completed their last 30 semester hours of credit at UTK and at least 60 semester hours of credit at a four-year college or university. During the final 30 hours, up to two courses outside a student's major may be taken at another institution as long as the student has 25% of coursework for the degree completed at UTK.

Starting in Fall of 2015, transfer students will have their progress tracked with UTracK – a tool that identifies milestones that are designed to keep students on track for timely graduation. Transfer students and counselors should review the UTK catalog (http://catalog.utk.edu/) to make sure that they are completing milestones that will facilitate transfer into specific majors.

Students Applying for Transfer Prior to Degree Completion

At the time of application, a transfer applicant must have completed at least 15 credit hours of transferable college work. ~~Only those courses in which at least a grade of C was earned will be eligible for transfer credit.~~

Transfer applicants from institutions in the University of Tennessee (UT) or Tennessee Board of Regents (TBR) systems who have not earned an Associate of Arts or an Associate of Science degree but who have been certified by the institution from which they are transferring as having completed all the general education requirements of that institution will have completed general education requirements for the University of Tennessee, Knoxville (UTK). They will not be required to take any additional coursework to meet general education requirements at UTK. Similarly, transfer applicants from institutions in UT or TBR systems who have been certified by the institution from which they are transferring as having completed sub-section(s) of general education (e.g., Natural Sciences) at that institution will be credited for completing the same section (if it exists) at UTK. The acceptance of certified general education completion does not imply that the student has met any other admission or degree requirements at UTK.

Certification of general education completion must be provided by the institution at which the courses were taken. Certification must occur at the time the student transfers to UTK. No retroactive certification will be accepted. Acceptance of certified completion of general education ~~will begin~~ began at UTK in Fall 2011.

Students Applying for Transfer with an Associate of Arts or Associate of Science Degree

Students who have completed an associate degree or a universal transfer path in Tennessee will be given priority consideration. However, the admission process is still competitive and

still holistic. Completion of a universal transfer path is not a guarantee of admission to the University of Tennessee, Knoxville (UTK) or to a specific program.

Transfer applicants who have earned AA or AS degrees from institutions in the Tennessee Board of Regents (TBR) system will have fulfilled the general education requirement established by the faculty at UTK. Transfer of general education courses from TBR universities or colleges is guaranteed upon completion of the AA or AS degree. The requirements of general education will be complete and accepted by UTK in the transfer process without loss of credit. This policy began Fall Semester 2009 and applies to any student who completed their AA or AS Tennessee Board of Regents degree in 2009 and entered the University of Tennessee Fall Semester 2009 or later. This policy does not apply to completion of an Associate of Applied Science degree.

Transfer Credit: Study Abroad Programs—TABLED

Students who participate in UT Knoxville study abroad programs and register for UT Knoxville courses earn the same graded credit as they would for courses taken on campus. All grades are calculated in the UT grade point average.

Students who participate in all other study abroad programs from accredited institutions will earn satisfactory (S) or ~~credit for A through C grades and~~ NC credit ~~for C- through F grades~~ for completion of comparable coursework. The S/NC grades are not calculated in the UT grade point average, but all hours count toward the Tennessee Education Lottery Scholarship (TELS) attempted hours.

Exploratory Students—APPROVED

Many students are undecided about their major when they enter the University of Tennessee. Students who have no clear idea of which college or major to pursue and/or those who are trying to decide among majors that are not in a single college are designated as University Exploratory. Students who are deciding among one or majors that are all offered by the same college are designated as Exploratory students for that college (e.g., Arts and Sciences Exploratory, Business Exploratory, etc.)

Exploratory students will follow a track of courses that will allow them to explore major options as well as make progress toward graduation through the completion of General Education courses. All students must transition out of the exploratory track into a major no later than the end of their fourth tracking semester at the University of Tennessee.

Students who transfer to the University of Tennessee may enroll as Exploratory students unless they enter with 45 hours or more of transferrable work. Transfer students admitted as Exploratory students must transition out of the exploratory track into a major no later than the end of their second tracking semester. Transfer students admitted with 45 hours or more of transferrable work must be admitted directly into a major and college.

Formerly:
University Students
Many students are undecided about their major when they enter UT Knoxville. All undecided students are designated University Students and are advised by Arts and Sciences Advising Services. While it is proper to explore alternative choices, students should also pursue a course of study that culminates in graduation. For this reason, there is a limit to the length of time students may remain as University Students.

At the completion of 45 hours, University Students who have entered the University of Tennessee, Knoxville, as freshmen must associate with a college or officially declare a major prior to the end of the next term of enrollment.

Students who transfer from another college or university may enroll as University Students. However, transfer students may remain as University Students no longer than through the completion of 15 semester hours if the total number of hours transferred is 30 or more.

UT Knoxville students who fail to progress in a given major, college, or school and are undecided about an alternative course of study may continue at the University of Tennessee, Knoxville, as University Students for a maximum of 15 semester hours.

Glossary Addition—APPROVED

Holistic Review—a comprehensive and balanced examination of qualifications in which a variety of factors are considered. Transfer applicants are evaluated holistically on factors such as high school and transfer GPA, ACT/SAT scores, and intended major field of study.

ADVISING COMMITTEE REPORT

October 23, 2012 Meeting Minutes

Welcome, Introductions, and Call to Order – Missy Parker introduced Courtney Shaffer, new advisor in Nursing and Maureen Cathey, Orientation.

HOPE Scholarship for Summer School – Tim Woods reviewed the rules for the HOPE Scholarship in general (see http://finaid.utk.edu/aid/scholarships/HPP.shtml and http://www.tn.gov/CollegePays/mon_college/lottery_scholars.htm for details). For summer students must be enrolled in at least 6 hours for part-time aid and 12 hours for full-time aid. The HOPE Scholarship is unavailable for Mini-Term. The same rules apply as during a regular term regarding dropping below the aid level awarded. Detailed information and form to request summer aid is available at http://finaid.utk.edu/apply/summer/. To ensure award by the time summer tuition is due, it is recommended to submit the request by April 1st. Discussion followed about changes Financial Aid is considering for summer. Woods asked for feedback from the committee.

Career Services Update – Stephanie Kit distributed the latest Career Services handbook for 2012-2013. A Sophomore Boot Camp program is being offered in conjunction with the Parents Association. The program will be ½ day on January 8th. Students may register through Hire-a-Vol at http://career.utk.edu/hireavol_entry.php.

TennACADA – Mark Willoughby announced the brown bag event to be held on October 30th. The discussions are follow-up to sessions from the recent NACADA national conference.
Call to order – Missy Parker

November 13, 2012 Meeting (cancelled)

Next meeting: February 5, 2013, UC 221

ASSOCIATE DEANS GROUP REPORT

October 17, 2012 Meeting Minutes

In Attendance:	Sally McMillan (chair), George Dodds, RJ Hinde, Annette Ranft, Rita Smith, John Stier, Matthew Theriot, and Dixie Thompson
Absent:	Jan Lee, Catherine Luther, and Masood Parang
Guests:	Mary Albrecht and Denise Gardner
Notes taken by:	Mindy Koon

Review and Approve Minutes
Dixie Thompson moved, Matthew Theriot second. Minutes approved.

Agenda: Student Learning Outcomes and SACS
Introduction & Discussion
SACS Update. We are currently under monitoring from SACS. Each college will need to pick one academic major for each degree category (bachelors, masters, doctoral) to assess for the monitoring report that is due February 15, 2013. The SACS board of trustees will determine whether we pass monitoring or get placed on probation. The SACS compliance report is due in September 2014. For this report, colleges will need to show that each of their departments continually monitor Student Learner Outcomes (SLO). We also need to make sure we have proper documentation of all faculty credentials; this may include having original transcripts sent directly to the university. The IRIS program needs to be cleaned up to accurately reflect degrees earned and original transcripts will be scanned and saved in IRIS. UTK is in the process of obtaining an Accreditation Management System (AMS) which will help to manage SLOs. Vendors for 6 AMS programs are coming to campus for demonstrations in November and December; colleges should send a representative to these demonstrations which will also be recorded for later review.

Sample Assessment Templates. Albrecht walked the group through a sample assessment template that can be used for SLOs. She said that we need to list all outcomes from each program. Some colleges have less experience with assessment and Albrecht offered support.

Actions
- Albrecht to assist Dodds and Stier with assessments/SLOs.
- Albrecht to send blank template to Koon to post to SharePoint.
- Gardner will provide alumni survey data as requested by colleges.
- Colleges to send a representative to AMS presentations.

Agenda: UTracK
Introduction & Discussion
Readmit Letters. McMillan said a group will meet in the near future to work on readmit letters and a decision tree for admissions. After this initial meeting Koon will be in contact with each associate dean to make sure we have their information correct.

Hidden Prerequisites. A possible problem with UTracK is that students may be negatively affected by hidden prerequisites that would make it impossible to graduate in 8 semesters. This is not anticipated to be a significant problem and departments and colleges will be contacted if this is applicable to them.

Progression Requirements. The 2013-2014 Catalog will be the first with the UTracK program. This makes things complicated because this catalog still needs to account for students who are following progression requirements. There will need to be statements clarifying the difference. Also, any differences between UTracK milestones and progression requirements will need to be handled on a major by major basis. Colleges should work with Monique Anderson and Cheryl Norris individually to address concerns and troubleshoot any potential problems.

Transfer students. UT Knoxville may have a capacity issue pending the completion of the first cohort of the Complete College Tennessee Act who may transfer here next year. Thompson would like more specific information about how many transfer students are in her college listed by major and what year transfer students were when admitted. Hinde said he would like an analysis with that information and also information that includes how many transfer students graduate with the same major that they had when they transferred.

Mapping Coordinators. It is likely that the university will need more staff to assist with UTracK. Ranft noted that Florida built a system and then managed exceptions as they arose. McMillan believes our system will be more flexible overall, but that she is unsure what type of extra support we may need. Several group members believe that the extra support will need to be in advising. Hinde suggested that this group should meet in conjunction with the Academic Advising Leadership Group to discuss UTracK which the group supported.

Actions

- Koon to work with each Associate Dean to determine what should be included in readmit letters.
- Gardner and McMillan to work on providing transfer student information to all associate deans.
- AALG and Associate Deans to meet together sometime in the spring semester.

Agenda: Strategic Instruction Fund (SIF)

Introduction & Discussion

The group was shown the SharePoint site for the Spring Timetables. McMillan noted that colleges will need to provide a list of courses that they do not want to have included in any type of analysis we use. These courses should be those that will skew capacity data and include independent study, thesis, dissertation, directive readings, internships, select special topics courses, honors courses taught in conjunction with a regular course, and low cap business courses.

Actions

- Koon to sort timetable data by colleges.
- Associate Deans-send list of excluded courses to Koon by the end of the semester.

Agenda: Online Taskforce

Discussion & Actions

McMillan talked about the charge of the Online Taskforce and showed the group the Mission, Vision, and Values statement for online education. The group liked that the term “distance education” was not utilized. Some group members felt that the mission statement should be more concise and others felt it needed more clarity about what could and could not be done. McMillan said she would share concerns with the taskforce which meets later this week.

Agenda: Reports

Discussion

The minutes for McMillan's student focus group and the UG Strategic Planning Committee were shared with the group. The summer school memo was also shared with the group and McMillan said that the funding model is due by Monday. A stable funding model based on tuition sharing is being developed in conjunction with finance and administration.

Distributed Information (will link to documents when posted to SharePoint)
SACS Update
Sample Assessment Templates
Online Taskforce Mission, Vision, and Values Statement
McMillan Student Focus Group Minutes
UG Strategic Planning Committee Minutes

November 28, 2012 Meeting Minutes

In Attendance: Sally McMillan (chair), George Dodds, RJ Hinde, Catherine Luther, Masood Parang, Gary Ramsey (on behalf of Jan Lee), Annette Ranft, Rita Smith, John Stier, Matthew Theriot, and Dixie Thompson
Guests: Mary Albrecht, Denise Gardner, Kelly Ellenburg, Dave Schumann, Taimi Olsen, and Jason Smethers
Notes taken by: Jason Smethers

Review and Approve Minutes
Parang moved, Theriot second. Minutes approved.

Agenda: Assessment for Student Learner Outcomes (SLO)
Presenting: Schumann and Olsen, with input from Albrecht and Gardner.
Olsen and Schumann walked through the assessment cycle presentation. They would like for colleges to determine where their departments stand in the three groups:

- good SLOs and assessments,
- some ideas but are not connected to the assessments, and
- those that have no SLOs and are not connected with assessments.

SLO training will be made available in the three tracks. These tracks can relate directly with the three categories on the scale of progress among departments.

1. Track 1: Broad based online trainings about developing SLOs; large in-person training sessions will also be available.
2. Track 2: Face to face workshops with program committees or individual departments.
3. Track 3: One-on-one consultations.

The SLO process should be considered as a continuous cycle – not a throw away document for SACS but as a yearly evaluation cycle. Some colleges will find that THEC and other accrediting bodies, such as licensure exams, will provide a process for getting assessment data. In addition, OIRA will be available to help gather assessment data.

A question about the 2011 SLO and how much tweaking is allowed? Those can be used as building blocks but you have the ability to change the 2011 blocks if needed. There is some concern about constantly changing your learning outcomes so they don't have to be assessed.

For the immediate spring deadline each level should try to have different departments represented. (Example, Nuclear Engineering for bachelors, Industrial for Master's, etc.) In addition it would be valuable to have program assessment committee's formed. Not all members need to attend the trainings from TennTLC, but directors should attend and relay the information to their committees. The intent is to show that all members of the faculty are involved in the assessment process. While we do not want to burden people, remember that the accreditation report must be written and SLOs must be a part of that report.

Actions

- Feedback to be given to the Associate Deans on their drafts.
- A FAQ Sheet needs to be created to get the process rolling and provide answers to common questions (including why grades cannot be used as part of the assessment.) Associate Deans should provide input to Taimi Olsen about topics for FAQs.

Agenda: Service Learning

Kelly Ellenburg is the campus course-based service learning coordinator. She presented the metrics that will be tracked for this new program:

1. Number of courses with a service learning component taught within the academic year.
2. Number of students participating in course-based service learning projects.
3. Number of academic disciplines with service learning courses with the academic year.
4. Number of community partners engaged in course-based service learning.

A university definition for service learning was requested by the group. Ellenburg provided a diagram and this definition after the meeting:

> *Service-learning is a teaching and learning strategy that integrates meaningful community service with rigorous academic instruction and reflection to enrich the learning experience, teach civic responsibility, and strengthen communities.*

Actions

Associate deans are to provide one or more contact persons within their colleges for Ellenburg to work with as a part of an advisory group for service learning. Please provide names to Ellenburg at kellenb@utk.edu by Friday, December 21, 2012.

Agenda: Spring Enrollment Data

The group had a brief discussion about the spring enrollment data. Data will continue to be collected and disseminated until the term begins. A suggestion was made about adding a total number of seats available to the enrollment fill rate tool.

Agenda: Enrollment SWAT Team Report

Chancellor has formed this SWAT Team to work on why our enrollment is down by 700 students. This team is charged to develop a plan to get us back to our target enrollment of 21,500 students for Fall 2013. The freshman class profile should remain the same. Arts and Sciences will see the largest impact from this increase. This goal will hopefully be met by admitting more transfer students and international students on one-year contracts. Lists of programs with space for students may need to be developed to help with this process and makes sure students are able to take relevant coursework.

Agenda: UTracK

Group had a limited discussion due to time constraints. Cheryl Norris has said not to worry about formatting because she has hired extra people to work on formatting, and not to

worry about it for the UG Council deadline. Question was raised about having a separate plan for honors? In short No, provide honors alternatives in your milestone plans.

Reminder about deadlines: Send to Koon (mkoon1@utk.edu)

a) November 30, 2012-Strategic Instruction Fund (SIF) Courses for Fall 2012, Template
b) December 31, 2012-Readmission Information
c) December 31, 2012-Course Numbers to Exclude from Data Analysis

CURRICULUM COMMITTEE REPORT

The Curriculum Committee met on January 15, 2013, at 2:00pm in Arena Dining, room A.

Attendees: Mary Albrecht, Katherine Ambroziak, Monique Anderson, Greg Baker, Mari Beth Coleman, Alison Connor, George Drinnon, R.J. Hinde, Mary Holcomb, Greg Kaplan, Jon Levin, Catherine Luther, Cheryl Norris, Michael Palenchar, David Palmer, Masood Parang, Alicia Purcell, Gary Ramsey, John Stier, Richard Strange, Dixie Thompson, Scott Wall, Suzanne Wright (chair)

Curricular proposals from the areas listed below were reviewed and approved.

- College of Agricultural Sciences and Natural Resources
- College of Architecture and Design
- College of Arts and Sciences
- College of Business Administration
- College of Communication and Information
- College of Education, Health and Human Sciences
- College of Engineering
- College of Nursing
- College of Social Work
- Howard H. Baker Jr. Center for Public Policy
- University Honors Program

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

COLLEGE OF AGRICULTURAL SCIENCES AND NATURAL RESOURCES

All changes effective Fall 2013

I. COURSE CHANGES

DEPARTMENT OF AGRICULTURAL AND RESOURCE ECONOMICS

(AREC) Agricultural and Resource Economics

REVISE (RE) PREREQUISITE

444 Economics of Precision Farming Techniques (3)
(RE) Prerequisite(s): 201 or Economics 201; Agricultural and Natural Resources 291 and 292.

Formerly: 201 or Economics 201; Agricultural and Natural Resources 290.

Rationale: AGNR 290 was replaced with AGNR 291 and AGNR 292 and is no longer required by the College. Impact on other units: None. Financial impact: None.

DEPARTMENT OF AGRICULTURAL LEADERSHIP, EDUCATION AND COMMUNICATIONS

(ALEC) Agricultural Leadership, Education and Communications

DROP

445 Seminar in Agricultural Communications (1)

Equivalency Table

Current Course Agr Leader, Education and Communications (ALEC)	Equivalent Course Effective Fall 2013 Agr Leader, Education and Communications (ALEC)
445	412

Rationale: Not enough Agricultural Communications students to have a separate seminar and internship course number. Students will take ALEC 412 for a seminar and ALEC 492 for an internship. Impact on other units: None (see below). Financial impact: None.

Course	Course Impact
ALEC 445	Agricultural Leadership Education and Communications major—Agricultural Communications concentration, 3rd year

DROP

446 Internship in Agricultural Communications (3)

Rationale: Not enough Agricultural Communications students to have a separate seminar and internship course number. Students will take ALEC 412 for a seminar and ALEC 492 for an internship. Impact on other units: None (see below). Financial impact: None.

Course	Course Impact
ALEC 446	Agricultural Leadership Education and Communications major—Agricultural Communications concentration, 4th year

REVISE DESCRIPTION, REVISE REGISTRATION RESTRICTION, DROP (RE) PREREQUISITES, ADD RECOMMENDED BACKGROUND

450 Agricultural Leadership Development (3) Theoretical underpinnings based on servant leadership and the development of a servant leader; servant leadership in business, education and foundations; servant leader responsibility; America and world leadership; and ethical considerations for leaders. A broad-based review of the primary disciplines in agriculture with an emphasis on servant leadership.
Recommended Background: 304.
Registration Restriction(s): Minimum student level—junior.

Formerly: Identification of styles and roles of leadership; development of leadership techniques and skills required in working with organizations and youth groups; methods of resolving conflict, of communicating, of guiding and evaluating; and ethical considerations for leaders.
(RE) Prerequisite(s): 303 and 304.
Registration Restriction(s): Minimum student level—senior.

Rationale: Provide more description to the course so students will understand exactly what the course will cover. Impact on other units: None. Financial impact: None.

AGRICULTURE AND NATURAL RESOURCES (INTERDEPARTMENTAL)

(AGNR) Agriculture and Natural Resources

DROP

290 Computer Applications to Problem Solving (3)

ADD

291 Spreadsheets for College, Business, and Career Preparation (1) Basic and intermediate functions in Microsoft Excel.
292 Databases for College, Business, and Career Preparation (1) Basic and intermediate functions in Microsoft Access.

Equivalency Table

Current Course Agriculture and Natural Resources (AGNR)	Equivalent Course Effective Fall 2013 Agriculture and Natural Resources (AGNR)
290	291
	292

Rationale: AGNR 290 was developed approximately 20 years ago in response to student needs for assistance in the use of word processing, spreadsheet, presentation, and database software programs for other college courses (e.g., Microsoft Office Professional). Incoming students now have sufficient skills in word processing and presentation programs that such coursework at the college level is redundant, as verified by CASNR departments. Spreadsheet and database courses are still useful and will be re-designed as other courses. Impact on other units: The change will help CASNR departments reduce their program requirements towards 120 credits. No other college's programs are known to require the course. Financial impact: No increased cost; may slightly reduce tuition generation from AGNR while enhancing student credit hour efficiency as the 3 credit course will be redesigned as two 1-credit, optional courses.

Course	Course Impact
AGNR 290	Agricultural Sciences and Natural Resources college text, Minimum Requirements for Bachelor Degree Programs heading, 9th bullet
	Agricultural Leadership, Education and Communications major—Agricultural Communications concentration, 1st year
	Agricultural Leadership, Education and Communications major—Agricultural Education concentration, 1st year
	Agricultural Leadership, Education and Communications major—Agricultural Extension Education concentration, 1st year
	Agricultural Leadership, Education and Communications major—Agricultural Leadership concentration, 1st year
	Agricultural Leadership, Education and Communications major—Agricultural Science concentration, 1st year
	Animal Science major—Animal Industries concentration, 2nd year
	Animal Science major—Bioscience concentration, 2nd year
	Animal Science major—Pre-Veterinary Medicine concentration, 2nd year
	Animal Science major—Pre-Veterinary Medicine 3+1 concentration, program text, 4th bullet, 2nd year
	AREC 444 prerequisite
	Environmental and Soil Sciences major—Conservation Agriculture and Environmental Sustainability concentration, 2nd year
	Environmental and Soil Sciences major—Agricultural Systems Technology concentration, 2nd year
	Environmental and Soil Sciences major—Environmental Science concentration, 2nd year
	Environmental and Soil Sciences major—Land Surveying concentration, 2nd year
	Environmental and Soil Sciences major—Off-Road Vehicle Technology concentration, 2nd year
	Environmental and Soil Sciences major—Soil Science concentration, 2nd year
	Food and Agricultural Business major, 2nd year
	Food and Agricultural Business major—Agricultural Equipment Systems Management concentration, 1st year
	Forestry, Wildlife and Fisheries department text, core courses, WFS paragraph
	Natural Resource and Environmental Economics major, 2nd year
	Plant Sciences major—Bioenergy concentration, 2nd year
	Plant Sciences major—Biotechnology concentration, 2nd year
	Plant Sciences major—Horticulture Science and Production concentration, 2nd year
	Plant Sciences major—Organic Production concentration, 2nd year

	PLSC 430 prerequisite

DEPARTMENT OF BIOSYSTEMS ENGINEERING AND SOIL SCIENCE

(BSE) Biosystems Engineering

REVISE CREDIT HOURS

404 Engineering Project Management (2)

Formerly: (3)

Rationale: Revising the Senior Design sequence and other required courses so need to reduce hours here to maintain total. The course will cover the same material but in slightly less depth. Impact on other units: The College of Engineering submitted the same BSE change (as it is a shared program). Financial impact: None.

Course	Course Impact
BSE 404	Biosystems Engineering major, 4th year
	Biosystems Engineering major, Pre-Professional concentration, 4th year
	BSE 401 prerequisite
	BSE 402 prerequisite
	BSE 444 prerequisite

(BSET) Biosystems Engineering Technology

REVISE TITLE

432 Agricultural and Construction Equipment (3)

Formerly: Agricultural Machinery and Tractors

Rationale: Better represents the material being taught in this course as it evolves. Impact on other units: None. Financial impact: None.

REVISE (RE) PREREQUISITE

474 Environmental Instrumentation and Monitoring (3)
(RE) Prerequisites(s): Environmental and Soil Sciences 424.

Formerly: Environmental and Soil Sciences 324.

Rationale: ESS 324 is being replaced by ESS 424. Impact on other units: None. Financial impact: None.

(ESS) Environmental and Soil Sciences

DROP

324 Soil and Water Conservation (3)

ADD

424 Environmental Stormwater Management (3) Investigation of sustainability issues regarding control of the hydrologic cycle, with special emphases on hydrologic estimation, hydraulic design, and best management practices for control of stormwater and associated erosion and water quality issues.
(RE) Prerequisite: 210.

Equivalency Table

Current Course Environmental and Soil Sciences (ESS)	Equivalent Course Effective Fall 2013 Environmental and Soil Sciences (ESS)
324	424

Rationale: The 324 course is being replaced with the new 424, which will expand the material being taught and teach it at a somewhat higher level. Impact on other units: Other programs will be able to use the new course and were notified in early September of the change. No negative comments have been received. Financial impact: None.

Course	Course Impact
ESS 324	BSET 474 prerequisite
	Environmental and Soil Sciences major—Agricultural Systems Technology concentration, 3rd year
	Environmental and Soil Sciences major—Conservation Agriculture and Environmental Sustainability concentration, 2nd year
	Environmental and Soil Sciences major—Construction Science concentration, 3rd year
	Environmental and Soil Sciences major—Environmental Science concentration, 3rd year
	Environmental and Soil Sciences major—Land Surveying concentration, 3rd year
	Environmental and Soil Sciences major—Off-Road Vehicle Technology concentration, 3rd year
	Environmental and Soil Sciences major—Soil Science concentration, 3rd year
	Environmental and Soil Sciences minor
	Food and Agricultural Business major—Agricultural Equipment Systems Management concentration, 3rd year
	Natural Resource and Environmental Economics major, 4th footnote
	Plant Sciences major—Landscape Design concentration, 4th footnote
	Watershed minor, Watershed Core
	Watershed minor, Science/Engineering
	Wildlife and Fisheries Science major—Wildlife and Fisheries Management concentration, 3rd year

DEPARTMENT OF ENTOMOLOGY AND PLANT PATHOLOGY

(EPP) Entomology and Plant Pathology

DROP

491 Measuring Genetic Variation (3)

Rationale: Course has rarely met minimum enrollment and rarely was taken by EPP students; content is now largely in other EPP courses. Impact on other units: Minimal, a few students in other departments enrolled in this course in the past. Financial impact: None.

Course	Course Impact
EPP 491	None

DEPARTMENT OF FOOD SCIENCE AND TECHNOLOGY

(FDST) Food Science and Technology

DROP (SECONDARY CROSSLIST)

$†101 Science of Foods (3)

ADD

100 Science of Food (3) Scientific principles involved with selection, preparation, and evaluation of quality food.

Equivalency Table

Current Course Food Science and Technology (FDST)	Equivalent Course Effective Fall 2013 Food Science and Technology (FDST)
101	100

Rationale: FDST 101 and HRT 101 are crosslisted and the HRT 101 is the primary course. HRT 101 is being dropped. FDST 101 material will now be covered in new course 100 but with less lab time. Impact on Other Units: Other CASNR departments can use this course as an introduction to the Food Science area. Nutrition students will not get adequate lab time therefore they have been recommended to take FDST 241 which will provide the needed information and lab time for their accreditation program. FDST 241 will be offered more frequently to provide extra sections. Financial Impact: Resources will be shifted to provide required instruction for the courses. Increased instructor time has been provided to meet the increased number of students in these two classes.

Course	Course Impact
FDST 101	Agricultural Leadership, Education and Communications major—Agricultural Leadership concentration, 2nd year

	Agricultural Leadership, Education and Communications major – Agricultural Science concentration, 2nd year
	FDST 445 prerequisite
	Food and Agricultural Business major, 2nd year and 3rd footnote
	Food Science and Technology major—Pre-Pharmacy and Pre-Pharmacy 3+1 concentrations, 1st year
	Food Science and Technology major—Pre-Professional and Pre-Professional 3+1 concentrations, 1st year
	Food Science and Technology major—Science concentration, 1st year
	Food Science and Technology major—Technology / Business concentration, 1st year
	Food Science minor, "Complete" heading
	Food Technology minor, "Complete" heading

REVISE (RE) PREREQUISITE

$445 Applied Food Science (3)
(RE) Prerequisite(s): 100 or 241 or consent of instructor.
Formerly: 101 or 241 or consent of instructor.

DEPARTMENT OF FORESTRY, WILDLIFE AND FISHERIES

(FORS) Forestry

DROP

$326 Land Measurement Techniques (2)

Rationale: Material has been incorporated into other classes. Impact to other units: None. Financial impacts: None.

Course	Course Impact
FORS 326	Forestry major—Forest Resources Management concentration, 3rd year

(FWF) Forestry, Wildlife and Fisheries

REVISE CREDIT HOURS

$415 Upland Habitat Management (2)
Formerly: (1)

Rationale: The above change will better balance fall camp. Financial impacts: None. Impact to other units: None.

Course	Course Impact
FWF 415	Forestry major—Forest Resources Management concentration, 4th year
	Wildlife and Fisheries Science major—Wildlife and Fisheries Management concentration, 4th year

(WFS) Wildlife and Fisheries Science

DROP

$341 Law Enforcement and Public Relations (2)

Rationale: Material has been incorporated into other classes. Impact on other units: None. Financial impact: None.

Course	Course Impact
WFS 341	Wildlife and Fisheries Science major—Wildlife and Fisheries Management concentration, 4th year
	WFS 305 corequisite
	WFS 323 corequisite

REVISE (RE) COREQUISITE

$305 Prescribed Fire Management (2)
(RE) Corequisite(s): 323.
Formerly: 323 and 341.

Rationale: WFS 341 was dropped. Impact to other units: None. Financial impacts: None.

$323 Human Dimensions of Wildlife and Fisheries (1)
(RE) Corequisite(s): 305.
Formerly: 305 and 341.

Rationale: WFS 341 was dropped. Impact to other units: None. Financial impacts: None.

REVISE CREDIT HOURS

$350 Wildlife Damage Management (1)

Formerly: (2)

Rationale: All of the above changes are to better balance fall camp. Impact to other units: None. Financial impacts: None.

Course	Course Impact
WFS 350	Animal Science major—Animal Industries concentration, 4th footnote
	Animal Science major—Bioscience concentration, 3rd footnote
	Animal Science major—Pre-Veterinary Medicine concentration, 2nd footnote
	Forestry major—Urban Forestry concentration, 4th year
	Wildlife and Fisheries Science major—Wildlife and Fisheries Management concentration, 4th year

$440 Wildlife Techniques (2)

Formerly: (3)

Rationale: The above change is to better balance fall camp. Impact to other units: None. Financial impacts: None.

Course	Course Impact
WFS 440	Animal Science major—Animal Industries concentration, 4th footnote
	Animal Science major—Bioscience concentration, 3rd footnote
	Animal Science major—Pre-Veterinary Medicine concentration, 2nd footnote
	Biological Sciences major—Ecology and Evolutionary Biology concentration, "IV. Remaining Hours" heading
	Wildlife and Fisheries Science major—Wildlife and Fisheries Management concentration, 4th year

DEPARTMENT OF PLANT SCIENCES

(PLSC) Plant Sciences

REVISE DESCRIPTION

275 Organic and Sustainable Crop Production (3) Introduction to organic and sustainable production practices and principles for vegetable, fruit, field, and forage crops. Introduction to organic certification, soil fertility & quality, tillage systems, crop rotation, cover crops, propagation, composting, season extension, and management of weeds, insects, & diseases in organic cropping systems.

Formerly: Introduction to organic and sustainable production practices and principles for vegetable, fruit, field, and forage crops. Basics of soil fertility & quality, tillage systems, crop rotation, cover crops, propagation, composting, season extension, and management of weeds, insects, & diseases.

415 Agroecology (3) Application of ecological concepts to management of horticultural, agronomic and biofuel cropping systems. Examination of plant physiological ecology, population ecology, community ecology, and ecosystem ecology within the context of agroecosystems; discussion of current research in agroecology; assessment of sustainability of cropping systems from environmental, economic, and social perspectives.

Formerly: Application of ecological concepts to management of horticultural and agronomic cropping systems. Examination of structure and function of agroecosystems, system-level interactions among agroecosystem components, and assessment of sustainability of cropping systems from environmental, economic, and social perspectives. Focus on organic and other alternative cropping systems.

Rationale: More apt description of course content. Impact on other units: None. Financial impact: None.

REVISE (RE) PREREQUISITE

328 Conservatories: Management, Operations and Display (1)
(RE) Prerequisite(s): Environmental and Soil Sciences 210 or consent of instructor.

Formerly: 226.

Rationale: Reflects background of past student participants and curtails need for exceptions granted to non-majors. More choices for students and the added flexibility in prerequisites offers suitable preparation for this class. Impact on other units: None. Financial impact: None.

$430 Greenhouse Management (3)
(RE) Prerequisite(s): Agriculture and Natural Resources 291 and 292; or Computer Science 100.

Formerly: *Agriculture and Natural Resources 290 or Computer Science 100*.

Rationale: More choices for students and the added flexibility in prerequisites offers suitable preparation for these classes. Impact on other units: None. Financial impact: None.

$454 Plant Biotechniques (3)
(RE) Prerequisite(s): Biology 111 and 112.

Formerly: 353 or Biology 240.

Rationale: More choices for students and the added flexibility in prerequisites offers suitable preparation for these classes. Impact on other units: None. Financial impact: None.

457 Weed Management (3)
(RE) Prerequisite(s): Environmental and Soil Sciences 210; and BIOL 111 or BIOL 112 or PLSC 210 or PLSC 250 or consent of instructor.

Formerly: Environmental and Soil Sciences 210 or consent of instructor.

Rationale: More choices for students and the added flexibility in prerequisites offers suitable preparation for these classes. Impact on other units: None. Financial impact: None.

ADD AND CROSS-LIST (PRIMARY)

†453 Introduction to Plant Breeding (3) Introduction to general principles, practices and techniques used to breed plants, select traits, and develop crop cultivars: including biomass feedstock crops. Concepts discussed will range from quantitative and population genetics, historical through conventional plant breeding (through self- and cross-pollinations) and hybridization, then end with exploration of contemporary approaches to improve plant traits including molecular breeding and genetic engineering.
(Same as PLSC 553.)
Credit Restriction(s): Students may not receive credit for both 453 and 553.

Rationale: Expand student choice. Impact on other units: None. Financial impact: None.

DROP

465 Biofuel Crop Ecology (2)

Rationale: Students will now take PLSC 415 which is a similar course that has been developed. Impact on other units: None. Financial impact: None.

Course	Course Impact
PLSC 465	Environmental and Soil Sciences major—Conservation Agriculture and Environmental Sustainability concentration, 2nd footnote
	Environmental and Soil Sciences major—Environmental Science concentration, 2nd footnote
	Environmental and Soil Sciences major—Soil Science concentration, 2nd footnote
	Plant Sciences major—Bioenergy concentration, 4th year

REVISE TITLE

452 Plant Biotechnology and Genetics (3)

Formerly: Plant Biotechnology, Genetics and Breeding

Rationale: Breeding information was not covered by instructor of record and related content will be provided in a newly designed plant breeding course. Impact on other units: None. Financial impact: None.

II. PROGRAM CHANGES

REVISE COLLEGE TEXT

- Add Brent Lamons, Director of Advising, to the personnel list at the top

REVISE COLLEGE TEXT (SELECTION OF A MAJOR HEADING)

When registering as freshmen, students who have decided upon their area of study select the major that meets their interests or career goals. A faculty member from the department that manages the major will serve as the academic advisor. It is not necessary, however, that freshman students select their major until the end of the first year. Exploratory ~~Undecided~~ students will be assigned to the Director of Advising, or an academic advisor, who will ~~to~~ assist them in exploring College of Agricultural Sciences and Natural Resources programs and to guide them in the planning of appropriate courses of study for the freshman year. Undecided students are encouraged to enroll in AGNR 100, Orientation to Studies in Agriculture and Natural Resources, during the fall semester of their first year of enrollment at UTK. When they choose a major, an academic advisor will be assigned from the appropriate department.

Students interested in a career with a state's extension service should select the agricultural leadership, education and communications major and follow the agricultural extension education concentration.

A foundation for advanced study beyond the baccalaureate degree may be established in any major if appropriate electives are included. Most departments offer a science concentration intended for those students who have a strong interest in pursuing graduate studies. A very careful choice of electives enables a student with an excellent academic record to complete a double or triple major by satisfying all the requirements in each major. For this purpose, the academic advisors of each major should be consulted. The academic advisors will work with the student to ensure that degree requirements are met. However, it is ultimately the responsibility of the student to understand what is required to complete multiple majors. Completing multiple majors will normally require more than 120 ~~124~~ credit hours for graduation. It is the student's responsibility to keep academic advisors informed about each major and/or minor he/she is pursuing.

REVISE COLLEGE TEXT (MINIMUM REQUIREMENTS FOR BACCALAUREATE DEGREE PROGRAMS HEADING)

All Bachelor of Science degree programs offered in the college have the following minimum requirements.

- Communicating through Writing – three courses to include first year composition (ENGL 101* OR ENGL 118*-ENGL 102*) and one writing-intensive (WC) course from the university-approved list.
- Communicating Orally – one course from CMST 210* or CMST 240* (or honors equivalents CMST 217* or CMST 247*) or a course with an (OC) designation from the university-approved list.
- Quantitative Reasoning – two courses from a two-course mathematics sequence or one mathematics course and one course with a (QR) designation from the university-approved list.
- Arts and Humanities – two courses from the university-approved AH list.
- Social Sciences – two courses from the university-approved SS list.
- Four courses (minimum of 12 hours) from the Biological Sciences and/or the Physical Sciences, which include chemistry, physics (including EF151* and EF152*), geology, physical geography (GEOG131* and GEOG 132*), and ESS 210.
    - At most two of those courses may be a College of Agricultural Sciences and Natural Resources course.
    - At least one of the courses must be a lab course.
    - The courses must be from at least two different departments.
- ~~Biological Sciences – two courses, minimum 6 hours, one course may be a College of Agricultural Sciences and Natural Resources course.~~
- ~~Physical Sciences – two courses, minimum 6 hours from chemistry, physics, geology, GEOG 131*-GEOG 132* (physical geography), ESS 210.~~
- ~~Note: At least one of the four biological and physical sciences courses must be a lab course.~~
- Cultures and Civilizations – two courses from the university- approved CC list or a two-course sequence in a foreign language at the intermediate level (200-level).
- ~~Computer Technology/Applications – AGNR 290 or a course in which computer technology is an integral and necessary component and is approved by the College of Agricultural Sciences and Natural Resources Undergraduate Council as such.~~
- Major courses – minimum of 22 hours in the major to include an orientation course (AGNR 100 or an equivalent orientation course in the department or university).

For a total of 120 hours minimum.

REVISE COLLEGE TEXT (MINORS AND DEPARTMENTS HEADING)

- Agricultural leadership (Department of Agricultural Leadership, Education and Communications ~~Program~~).

◈ ADD AGRICULTURAL SCIENCES AND NATURAL RESOURCES EXPLORATORY MAJOR

Academic Plan

Term 1	Hours
AGNR 100, AGNR 291	2
ALEC 102 or PLSC 115	3
[1]Biological Sciences Elective*	4
ENGL 101* or ENGL 118*	3
[2]Quantitative Reasoning Elective*	3-4
	15-16

Term 2	
AGNR 292	1
[2]Arts & Humanities Elective*	3
[1]Biological Sciences Elective*	4
ENGL 102*	3
[3] FDST 150*	3
PYED Elective	1
	15

Term 3	
[4] ALEC 240*	3
[5] AREC 201*	4
[3] ESS 120*	3
[6] Physical Science Elective*	3-4
[2]Social Sciences Elective*	3
	16-17

Milestone Notes

Term 1
2.0 cumulative GPA

Term 2
One general education elective*

Term 3
One additional general education elective*

* Meets University General Education Requirement.
[1] Select sequence from BIOL 101*-BIOL 102*, BIOL 111*-BIOL 112*, BIOL 130*-BIOL 140*, or BIOL 138*-BIOL148*. Meets a Natural Sciences (NS) General Education requirement. Students choosing BIOL 130*-BIOL 140* should take CHEM 120*-CHEM 130* for their physical science electives.
[2] Chosen from the University General Education list.
[3] Meets a Cultures and Civilizations (CC) General Education requirement.
[4] Meets a Communicating Orally (OC) General Education requirement.
[5] Meets a Social Sciences (SS) General Education requirement.
[6] Physical science courses include any chemistry, physics, or geology. Most College of Agricultural Sciences and Natural Resources majors will require chemistry.

DEPARTMENT OF AGRICULTURAL AND RESOURCE ECONOMICS

REVISE FOOD AND AGRICULTURAL BUSINESS MAJOR

- Add introductory program text for UTracK
- Replace AGNR 290 (3 hrs) with AGNR 291 (1 hr) and AGNR 292 (1 hr)
- Replace FDST 101 (3 hrs) with FDST 100 (3 hrs)
- Reduce Unrestricted Electives from 8 hours to 9 hours and distribute over two semesters

Rationale: AGNR 290 was renumbered to AGNR 291 and AGNR 292. FDST 101 was renumbered to FDST 100. Reduced total hours to120. Impact on other units: None. Financial impact: None.

UTracK Requirements (for first-year students)
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 first-time, first-year, full-time, degree-seeking students entering Fall 2013. Returning, readmitted and transfer students will continue to follow the same program requirements outlined in their selected catalog.

Academic Plan

Term 1	Hours
AREC 110	1
[1]Biological Sciences Elective*	4
[2]Cultures and Civilizations Elective*	3
ENGL 101* or ENGL 118*	3

Milestone Notes

Term 1
One general education elective*

MATH 123*	3	
	14	
Term 2		**Term 2**
[2]Cultures and Civilizations Elective*	3	One additional general education elective*
ENGL 102*	3	
MATH 125*	3	
NUTR 100*	3	
PSYC 110*, PSYC 117*, POLS 102*, SOCI 120*, or SOCI 127*	3	
	15	
Term 3		**Term 3**
ACCT 200 or ACCT 207	3	ENGL 101*
AGNR 291	1	
AREC 201*	4	
CMST 210*, CMST 217, CMST 240*, or CMST 247*	3	
[3]Physical Science Elective*	4	
	15	
Term 4		**Term 4**
AGNR 292	1	AREC 201* or ECON 201*
AREC 212	3	
[4]FDST 100 or FDST 150*	3	
[3]Physical Science Elective*	4	
STAT 201* or STAT 207*	3	
	14	
Term 5		**Term 5**
ALEC 440* or ENGL 360*	3	AREC 212
AREC 310, AREC 320, AREC 412	7	MATH 119 or MATH 123* or MATH 125*
[2]Arts and Humanities Elective*	3	
[5]Nondepartmental CASNR Elective	3	
	16	
Term 6		**Term 6**
AREC 324, AREC 342, AREC 350	9	ACCT 200
[2]Arts and Humanities Elective*	3	300-level AREC Elective
[5]Nondepartmental CASNR Elective	3	
	15	
Term 7		**Term 7**
Any 300-level Economics Elective	3	Apply to graduate
AREC 410	1	
[6]AREC Electives	6	
[5]Nondepartmental CASNR Elective	3	
[7]Unrestricted Elective	3	
	16	
Term 8		**Term 8**
AREC 442	3	No milestones
[6]AREC Electives	6	
[7]Unrestricted Electives	6	
	15	
TOTAL	120	

* Meets University General Education Requirement.

[1] Chosen from BIOL 101*, BIOL 102*, BIOL 130*, BIOL 140*.

[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*.

[4] If FDST 150* is used as a Cultures and Civilizations General Education elective, then FDST 100 must be completed to fulfill this requirement.

[5] Chosen from any CASNR course with the following exceptions: (1) if ALEC 440* or ESS 120* or ESS 220* or FDST 150* are used to meet other requirements, they may not be used to meet this requirement; and (2) no more than three credit hours can be used from ALEC 492 or ANSC 360* and ANSC 461.

[6] A maximum of 3 credit hours can be used from each of the following courses: AREC 356, AREC 492 and AREC 493.

[7] Any courses not already required for the major.

REVISE FOOD AND AGRICULTURAL BUSINESS MAJOR— AGRICULTURAL EQUIPMENT SYSTEMS MANAGEMENT CONCENTRATION

- Add introductory program text for UTracK
- Replace AGNR 290 (3 hrs) with AGNR 291 (1 hr) and AGNR 292 (1 hr)

- Replace ESS 324 (3 hrs) with ESS 424 (3 hrs)
- Drop BSET elective (3 hrs)
- Add Unrestricted Electives (2 hrs)

Rationale: AGNR 290 was renumbered to AGNR 291 and AGNR 292. ESS 324 was renumbered to ESS 424. Reduced total hours to120. Impact on other units: None. Financial impact: None.

UTracK Requirements (for first-year students)
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 first-time, first-year, full-time, degree-seeking students entering Fall 2013. Returning, readmitted and transfer students will continue to follow the same program requirements outlined in their selected catalog.

Academic Plan		Milestone Notes
Term 1	**Hours**	**Term 1**
AREC 110	1	One general education elective*
BIOL 111*	4	
[1]Cultures and Civilizations Elective*	3	
ENGL 101* OR ENGL 118* or ENGL 118*	3	
MATH 123*	3	
	14	
Term 2		**Term 2**
BIOL 112*	4	One additional general education elective*
[1]Cultures and Civilizations Elective*	3	
ENGL 102*	3	
MATH 125*	3	
PSYC 110*, PSY 117*, POLS 102*, SOCI 120*, or SOCI 127*	3	
	16	
Term 3		**Term 3**
ACCT 200 or ACCT 207	3	ENGL 101*
AGNR 291	1	
AREC 201*	4	
CHEM 120* or CHEM 128*	4	
CMST 210*, CMST 217, CMST 240*, or CMST 247*	3	
	15	
Term 4		**Term 4**
AGNR 292	1	AREC 201* or ECON 201*
AREC 212	3	
ESS 210	4	
PHYS 161*	3	
STAT 201* or STAT 207*	3	
	14	
Term 5		**Term 5**
ALEC 440* or ENGL 360*	3	AREC 212
AREC 310, AREC 320	4	MATH 119 or MATH 123* or MATH 125*
[1]Arts and Humanities Elective*	3	
BSET 202	3	
ESS 424	3	
	16	
Term 6		**Term 6**
AREC 324, AREC 342, AREC 350	9	300-level AREC Elective
[1]Arts and Humanities Elective*	3	
BSET 326	3	
	15	
Term 7		**Term 7**
Any 300-level Economics Elective	3	Apply to graduate
AREC 410, AREC 412	4	
[2]AREC Electives	9	
	16	
Term 8		**Term 8**
AREC 442	3	No milestones
BSET 432, BSET 452, BSET 462	9	
[3]Unrestricted Elective	2	
	14	
TOTAL	120	

* Meets University General Education Requirement.
[1] Chosen from the University General Education list.
[2] A maximum of three credit hours can be used from each of the following courses: AREC 356, AREC 492 and AREC 493.
[3] Any courses not already required for the major.

REVISE NATURAL RESOURCE AND ENVIRONMENTAL ECONOMICS MAJOR

- Add introductory program text for UTracK
- Replace AGNR 290 (3 hrs) with AGNR 291 (1 hr) and AGNR 292 (1 hr)
- Replace ESS 324 (3 hrs) with ESS 424 (3 hrs)
- Increase Unrestricted Electives from 5 hours to 6 hours

Rationale: AGNR 290 was renumbered to AGNR 291 and AGNR 292. ESS 324 was renumbered to ESS 424. Reduced total hours to120. Impact on other units: None. Financial impact: None.

UTracK Requirements (for first-year students)
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 first-time, first-year, full-time, degree-seeking students entering Fall 2013. Returning, readmitted and transfer students will continue to follow the same program requirements outlined in their selected catalog.

Academic Plan		Milestone Notes
Term 1	**Hours**	**Term 1**
AREC 110	1	One general education elective*
[1]Biological Sciences Elective*	4	
ENGL 101* or ENGL 118*	3	
ESS 120*	3	
MATH 123*	3	
	14	
Term 2		**Term 2**
ENGL 102*	3	One additional general education elective*
ESS 220*	3	
FWF 250*	3	
MATH 125*	3	
PSYC 110*, PSY 117*, POLS 102*, SOCI 120*, or SOCI 127*	3	
	15	
Term 3		**Term 3**
ACCT 200 or ACCT 207	3	ENGL 101*
AGNR 291	1	
AREC 201*	4	
CMST 210*, CMST 217, CMST 240*, or CMST 247*	3	
[3]Physical Science Elective*	4	
	15	
Term 4		**Term 4**
AGNR 292	1	AREC 201* or ECON 201*
AREC 212	3	
[2]Arts and Humanities Elective*	3	
ESS 210	4	
STAT 201* or STAT 207*	3	
	14	
Term 5		**Term 5**
AREC 310, AREC 315, AREC 320	7	AREC 212
ECON 362	3	MATH 119 or MATH 123* or MATH 125*
[4]Nondepartmental CASNR Elective	3	
PHIL 346*	3	
	16	
Term 6		**Term 6**
AREC 324	3	ACCT 200
AREC 342 or AREC 350	3	300-level AREC elective
[2]Arts and Humanities Elective*	3	
BSET 326	3	
[4]Nondepartmental CASNR Elective	3	
	15	
Term 7		**Term 7**

ALEC 440* or ENGL 360*	3	Apply to graduate
AREC 410, AREC 430, AREC 472	7	
[5]AREC Elective	3	
ECON 361, ECON 471, GEOG 340, GEOG 345, GEOG 436, or SOCI 360	3	
	16	
Term 8		**Term 8**
AREC 470	3	No milestones
[5]AREC Elective	3	
ECON 463	3	
[6]Unrestricted Electives	6	
	15	
TOTAL	120	

* Meets University General Education Requirement.
[1] Chosen from BIOL 101*, BIOL 102*, BIOL 111*, BIOL 112*, BIOL 130*, BIOL 138*.
[2] Chosen from the University General Education list.
[3] Chosen from CHEM 100*, CHEM 110*, CHEM 120*, CHEM 128*, CHEM 130*, CHEM 138*, GEOG 131*, GEOG 137*, GEOG 132*, GEOL 101*, GEOL 107*, GEOL 102*, GEOL 108*, GEOL 103*.
[4] Chosen from ESS 424, ESS 462; FORS 314, FORS 321*, FORS 420, FORS 422; FWF 420.
[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.

DEPARTMENT OF AGRICULTURAL LEADERSHIP, EDUCATION AND COMMUNICATIONS

REVISE AGRICULTURAL LEADERSHIP, EDUCATION AND COMMUNICATIONS MAJOR–AGR COMMUNICATIONS CONC

- Add introductory program text for UTracK
- Drop AGNR 100 as an option with ALEC 101
- Replace FDST elective (3 hrs) with FDST 150 (3 hrs)
- Replace ALEC 445 (1 hr) with ALEC 412 (1 hr)
- Replace ALEC 446 (6 hrs) with ALEC 492 (6 hrs)
- Drop two AREC electives (6 hrs)
- Add one ANSC elective (3 hrs)
- Add one BSET elective (3 hrs)
- Drop ESS 120 or ESS 220 (3 hrs)
- Drop AGNR 290 (3 hrs)
- Increase Unrestricted Electives from 3 hours to 5 hours
- Add one Agricultural Sciences and Natural Resources elective (3 hrs)

Rationale: The faculty want students to take the introductory ALEC course, so AGNR 100 was dropped as an option. AGNR 290 was replaced with an Agricultural Sciences and Natural Resources elective since AGNR 290 is no longer required for CASNR and the agriculture elective will give students the opportunity to take more courses in this area. FDST 150 allows students to complete their food science requirement and their general education CC requirement at the same time. There aren't enough Agricultural Communications students to have a separate seminar course (ALEC 445), so students will take ALEC 412 for their seminar. There aren't enough Agricultural Communications students to have a separate internship course (ALEC 446), so students will take ALEC 492 for their internship. Replacing the AREC electives with the ANSC and the BSET electives provides students the opportunity to take courses in these disciplines. Dropping ESS 120 or 220 allows students to take any elective for their CC requirement. Impact on other units: Increased class size in FDST 150 (unit has been contacted). Financial impact: None.

UTracK Requirements (for first-year students)
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 first-time, first-year, full-time, degree-seeking students entering Fall 2013. Returning, readmitted and transfer students will continue to follow the same program requirements outlined in their selected catalog.

Academic Plan		**Milestone Notes**
Term 1	**Hours**	**Term 1**
ALEC 101	1	2.0 cumulative GPA
ENGL 101* or ENGL 118*	3	
MATH 113* or MATH 117*	3	
[1]Physical Science Elective*	4	
Plant Sciences Elective (any PLSC course)	3	
	14	
Term 2		**Term 2**

ENGL 102*	3	2.0 cumulative GPA
CCI 150	3	ENGL 101*
JREM 175	3	
[1]Physical Science Elective*	4	
[2]Quantitative Reasoning Elective*	3	
	16	
Term 3		**Term 3**
ACCT 200 or ACCT 207	3	2.0 cumulative GPA
ALEC 240*	3	MATH 113* or higher
[3]AREC 201* or ECON 201*	4	
[4]Biological Sciences Elective*	4	
FDST 150*	3	
	17	
Term 4		**Term 4**
ADVT 250	3	2.0 cumulative GPA
ALEC 211	3	ENGL 102*
AREC 212	3	
[4]Biological Sciences Elective*	4	
JREM 200*	3	
	16	
Term 5		**Term 5**
Animal Science Elective (any ANSC course)	3	2.0 cumulative GPA
[2]Arts and Humanities Elective*	3	CCI 150
Biosystems Engineering Technology Elective (any BSET course)	3	
JREM 400	3	
JREM 412* or JREM 451* or JREM 456*	3	
	15	
Term 6		**Term 6**
[5]Agricultural Sciences and Natural Resources Elective	3	2.0 cumulative GPA
ALEC 340, ALEC 412	4	JREM 200*
[2]Cultures and Civilizations Elective*	3	
Forestry, Wildlife and Fisheries Elective (any FORS, FWF, or WFS course)	3	
Plant Sciences Elective (any PLSC course)	3	
	16	
Term 7		**Term 7**
ALEC 440*, ALEC 492	9	2.0 cumulative GPA
[6]Unrestricted Electives	5	ALEC 211
	14	
Term 8		**Term 8**
[2]Arts and Humanities Elective*	3	No milestones
ALEC 441	3	
JREM 466	3	
[2,3]Social Sciences Elective*	3	
	12	
TOTAL	**120**	

* Meets University General Education Requirement.

[1] Select two courses (8 hours) from chemistry, physics, geology, ESS 210, GEOG 131*, GEOG 137*, GEOG 132*. CHEM 130* is a corequisite to BIOL 140*. Therefore, students who choose BIOL 130*-BIOL 140* should take CHEM 120*-CHEM 130* for their physical science electives. BIOL 111*-BIOL 112* has no chemistry requirement.

[2] Chosen from the University General Education list.

[3]AREC 201* (4) or ECON 201* (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.

[4] Select sequence (8 hours) from BIOL 101-102, BIOL 111-112, BIOL 130-140, or BIOL 138*-BIOL 148*. BIOL 140* has a CHEM 130* corequisite, so students who choose BIOL 130*-BIOL 140* should take CHEM 120*-CHEM 130* for their physical science electives. BIOL 111*-BIOL 112* has no chemistry requirement.

[5] The Agricultural Sciences and Natural Resources Elective may be selected from any courses in the college not already required for the major.

[6] Any courses not already required for the major.

REVISE AGRICULTURAL LEADERSHIP, EDUCATION and COMMUNICATIONS MAJOR–AGR EDUCATION CONC

- Add introductory program text for UTracK

- Drop AGNR 100 as an option with ALEC 101
- Add ANSC 160 as an option with ANSC 280
- Drop AGNR 290 (3 hrs)
- Add TPTE 486 (3 hrs)
- Drop ESS 120 or ESS 220 (3 hrs)
- Add FDST 150 (3 hrs)
- Replace PSYC 110 (3 hrs) with EDPY 210 (3 hrs)
- Add biological science footnote
- Drop one physical science elective (4 hrs)

Rationale: The faculty want students to take the introductory ALEC course, so AGNR 100 was dropped as an option. AGNR 290 was dropped since it is no longer required for CASNR. ANSC 160 was added as an option with ANSC 280 to allow students more options in animal science. FDST 150 allows students to complete their food science requirement and their general education CC requirement at the same time. The faculty are replacing PSYC 110 with EDPY 210 for their teacher education students. One physical science elective was dropped since ESS 210 already serves that purpose. Dropping ESS 120 or ESS 220 allows students to take any elective for their CC requirement. TPTE 486 will be part of students' teacher education sequence. Impact on other units: Increased class size in FDST 150 and TPTE 486 (both units have been contacted). Financial impact: None.

UTracK Requirements (for first-year students)

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 first-time, first-year, full-time, degree-seeking students entering Fall 2013. Returning, readmitted and transfer students will continue to follow the same program requirements outlined in their selected catalog.

Academic Plan

Term 1	**Hours**
ALEC 101	1
[1]AREC 201* or ECON 201*	4
[2]Biological Sciences Elective*	4
ENGL 101* or ENGL 118*	3
MATH 113*	3
	15

Term 2	
ALEC 102	3
[2]Biological Sciences Elective*	4
EDPY 210*	3
ENGL 102*	3
MATH 115*	3
	16

Term 3	
ALEC 201, ALEC 202	4
ESS 210	4
[3]Physical Science Elective*	4
PLSC 230	3
	15

Term 4	
ALEC 211	3
ANSC 160 or ANSC 280*	3
AREC 212	3
[4]Arts and Humanities Elective*	3
PLSC 220 or PLSC 221	3
	15

Term 5	
ALEC 240*	3
[4]Arts and Humanities Elective*	3
BSET 202	3
[4]Cultures and Civilizations Elective*	3
EPP 313 or EPP 321	3
	15

Term 6	
ALEC 345	3
ANSC 430	3
BSET 452	3
FDST 150*	3
FORS, FWF or WFS Elective	3

Milestone Notes

Term 1
2.5 cumulative GPA

Term 2
2.5 cumulative GPA
ENGL 101*

Term 3
2.5 cumulative GPA
MATH 113* or higher

Term 4
2.5 cumulative GPA
ENGL 102*

Term 5
2.5 cumulative GPA
ALEC 201

Term 6
2.5 cumulative GPA
ALEC 211

PLSC 250*	3	
	18	
Term 7		**Term 7**
ALEC 434, ALEC 440*	6	2.5 cumulative GPA
EDPY 401	3	ALEC 345
SPED 402	3	
TPTE 486	3	
	15	
Term 8		**Term 8**
ALEC 435, ALEC 436	12	No milestones
TOTAL	**121**	

* Meets University General Education Requirement.
[1]AREC 201* (4) or ECON 201* (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.
[2]Select sequence (8 hours) from BIOL 101*-102*, BIOL 111*-112*, BIOL 130*-140*, BIOL 138*-148*.
[3] Select one course (4 hours) from chemistry, physics, geology, ESS 210, GEOG 131*, GEOG 137*, GEOG 132*. CHEM 130* is a corequisite to BIOL 140*. Therefore, students who choose BIOL 130*-BIOL 140* should take CHEM 120*-CHEM 130* for their physical science electives. BIOL 111*-BIOL 112* has no chemistry requirement.
[4] Chosen from the University General Education list.

REVISE AGRICULTURAL LEADERSHIP, EDUCATION AND COMMUNICATIONS MAJOR–AGR EXTENS EDUCATION CONC

- Add introductory program text for UTracK
- Drop AGNR 100 as an option with ALEC 101
- Add ANSC 160 as an option with ANSC 280
- Drop ESS 120 or ESS 220 (3 hrs)
- Drop ANSC 330 (3 hrs)
- Drop AGNR 290 (3 hrs)
- Drop one physical science elective (4 hrs)
- Add ALEC 412 (1 hr)
- Add ALEC 492 (6 hrs)
- Replace FDST 269 (3 hrs) with FDST 150 (3 hrs)
- Add biological science footnote
- Replace quantitative reasoning elective (3 hrs) with MATH 115 (3 hrs)
- Add an Agricultural Sciences and Natural Resources elective (3 hrs)

Rationale: The faculty want students to take the introductory ALEC course, so AGNR 100 was dropped as an option. AGNR 290 was dropped since it is no longer required for CASNR. ANSC 160 was added as an option with ANSC 280 to allow students more options in animal science. FDST 269 was replaced with FDST 150 because it allows students to complete their food science requirement and their general education CC requirement at the same time. ANSC 330 was dropped since it is designed for veterinary science students. ALEC 412 and ALEC 492 were added as a seminar and internship option for students. One physical science elective was dropped since ESS 210 already serves that purpose. Dropping ESS 120 or ESS 220 allows students to take any elective for their CC requirement. Impact on other units: Increased class size in FDST 150 (unit has been contacted). Financial impact: None.

UTracK Requirements (for first-year students)
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 first-time, first-year, full-time, degree-seeking students entering Fall 2013. Returning, readmitted and transfer students will continue to follow the same program requirements outlined in their selected catalog.

Academic Plan		**Milestone Notes**
Term 1	**Hours**	**Term 1**
[1]Agricultural Sciences and Natural Resources Elective	3	2.5 cumulative GPA
ALEC 101	1	
[2]Biological Sciences Elective*	4	
ENGL 101* or ENGL 118*	3	
MATH 113* or MATH 117*	3	
	14	
Term 2		**Term 2**

ALEC 211	3	2.7 cumulative GPA
ANSC 160 or ANSC 280*	3	ENGL 101*
[2]Biological Sciences Elective*	4	
ENGL 102*	3	
MATH 115*	3	
	16	
Term 3		**Term 3**
ALEC 201, ALEC 240*	4	2.7 cumulative GPA
[3]AREC 201* or ECON 201*	4	MATH 113* or higher
[4]Physical Science Elective*	4	
PLSC 210	3	
	15	
Term 4		**Term 4**
ANSC 220	3	2.7 cumulative GPA
AREC 212	3	ENGL 102*
ESS 210	4	
PSYC 110* or PSYC 117*	3	
	13	
Term 5		**Term 5**
AREC 315	3	2.7 cumulative GPA
[5]Cultures and Civilizations Elective*	3	ALEC 201
EPP 313 or EPP 321	3	
ESS 334	3	
FDST 150*	3	
	15	
Term 6		**Term 6**
ALEC 345, ALEC 412	4	2.7 cumulative GPA
[5]Arts and Humanities Electives*	6	ALEC 211
FORS, FWF or WFS Elective	3	
PLSC 250*	3	
	16	
Term 7		**Term 7**
[1]Agricultural Sciences & Natural Resources Elective	3	2.7 cumulative GPA
ALEC 434, ALEC 492	9	ALEC 345
BSET 412	3	
[6]Unrestricted Elective	1	
	16	
Term 8		**Term 8**
ANSC 430	3	No milestones
BSET 432, BSET 462	6	
PLSC 330 or PLSC 430	3	
[6]Unrestricted Elective	3	
	15	
TOTAL	**120**	

* Meets University General Education Requirement.

[1] Agricultural Sciences and Natural Resources Electives may be selected from any courses in the college not already required for the major.

[2] Select sequence from BIOL 101*-102*, BIOL 111*-112*, BIOL 130*-140*, or BIOL 138*-BIOL 148*. [3] AREC 201* (4) or ECON 201* (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.

[4] Select one course (4 hours) from chemistry, physics, geology, ESS 210, GEOG 131*, GEOG 137*, GEOG 132*. CHEM 130* is a corequisite to BIOL 140*. Therefore, students who choose BIOL 130*-BIOL 140* should take CHEM 120*-CHEM 130* for their physical science electives. BIOL 111*-BIOL 112* has no chemistry requirement.

[5] Chosen from the University General Education list.

[6] Any courses not already required for the major.

REVISE AGRICULTURAL LEADERSHIP, EDUCATION AND COMMUNICATIONS MAJOR–AGR LEADERSHIP CONC

- Add introductory program text for UTracK
- Drop AGNR 100 as an option with ALEC 101
- Drop AGNR 290 (3 hrs)
- Replace FDST 101 (3 hrs) with FDST 100 (3 hrs)
- Add biological science footnote

- Correct credit hours on ANSC 495 (3 hrs to 1 hr)
- Increase Unrestricted Electives from 7 hours to 9 hours and distribute over two semesters
- Add an Agricultural Sciences and Natural Resources elective (3 hrs)

Rationale: The faculty want students to take the introductory ALEC course, so AGNR 100 was dropped as an option. AGNR 290 was replaced with an Agricultural Sciences and Natural Resources elective since AGNR 290 is no longer required for CASNR and the Agricultural Sciences and Natural Resources elective will give students the opportunity to take more courses in this area. The credit hours for ANSC 495 were corrected from 3 hours to 1 hour. FDST 101 was renumbered to FDST 100. Unrestricted Electives were increased from 7 hours to 9 hours to accommodate the change in ANSC 495. Impact on other units: None. Financial impact: None.

UTracK Requirements (for first-year students)

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 first-time, first-year, full-time, degree-seeking students entering Fall 2013. Returning, readmitted and transfer students will continue to follow the same program requirements outlined in their selected catalog.

Academic Plan		Milestone Notes
Term 1	**Hours**	**Term 1**
ALEC 101, ALEC 103	4	2.0 cumulative GPA
[1]Biological Sciences Elective*	4	
ENGL 101* or ENGL 118*	3	
MATH 113* or MATH 117*	3	
	14	
Term 2		**Term 2**
[2]Agricultural Sciences & Natural Resources Elective	3	2.0 cumulative GPA
ALEC 102	3	ENGL 101*
[1]Biological Sciences Elective*	4	
ENGL 102*	3	
[5]Quantitative Reasoning Elective*	3	
	16	
Term 3		**Term 3**
ALEC 202, ALEC 240*	6	2.0 cumulative GPA
Animal Science Elective (any ANSC course)	3	MATH 113* or higher
[3]AREC 201* or ECON 201*	4	
[4]Physical Science Elective*	4	
	17	
Term 4		**Term 4**
ALEC 211	3	2.0 cumulative GPA
Environmental and Soil Sciences Elective (any ESS course)	4	ENGL 102*
FDST 100 or FDST 150*	3	
[4]Physical Science Elective*	4	
	14	
Term 5		**Term 5**
Biosystems Engineering and Technology Elective (any BSET course)	3	2.0 cumulative GPA
[5]Cultures and Civilizations Electives*	6	ALEC 102 or ALEC 103
EPP 313 or EPP 321	3	
Plant Sciences Elective (any PLSC course)	3	
	15	
Term 6		**Term 6**
Agricultural and Resource Economics Elective (any AREC course)	3	2.0 cumulative GPA
ALEC 303, ALEC 304	6	ALEC 102, ALEC 103
ANSC 495	1	
[5]Arts and Humanities Elective*	3	
	13	
Term 7		**Term 7**
ALEC 440*	3	2.0 cumulative GPA
PHIL 346*	3	ALEC 202
PHIL 244* or PHIL 252*	3	
[3,5]Social Sciences Elective*	3	
[6]Unrestricted Elective	3	
	15	
Term 8		**Term 8**
ALEC 412, ALEC 450, ALEC 492	10	No milestones

[6]Unrestricted Electives	6	
	16	
TOTAL	**120**	

* Meets University General Education Requirement.
[1] Select sequence from BIOL 101*-102*, BIOL 111*-112*, BIOL 130*-140*, or BIOL 138*-BIOL 148*. BIOL 140* has a CHEM 130* corequisite, so students who choose BIOL 130*-BIOL 140* should take CHEM 120*-CHEM 130* for their physical science electives. BIOL 111*-BIOL 112* has no chemistry requirement.
[2] Agricultural Sciences and Natural Resources Electives may be selected from any courses in the college not already required for the major.
[3] AREC 201* (4) or ECON 201* (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 Science requirement. In these cases, the student should take two courses from the approved General Education-Social Sciences list.
[4]Select two courses (8 hours) from chemistry, physics, geology, ESS 210, GEOG 131*, GEOG 137*, GEOG 132*. CHEM 130* is a prerequisite/corequisite to BIOL 140*. Therefore, students who choose BIOL 130*-BIOL 140* should take CHEM 120*-CHEM 130* for their physical science electives. BIOL 111*-BIOL 112* has no chemistry requirement.
[5] Chosen from the University General Education list.
[6] Any courses not already required for the major.

REVISE AGRICULTURAL LEADERSHIP, EDUCATION AND COMMUNICATIONS MAJOR–AGR SCIENCE CONC

- Add introductory program text for UTracK
- Drop AGNR 100 as an option with ALEC 101
- Drop AGNR 290 (3 hrs)
- Add ANSC 280 as an option with ANSC 160
- Replace FDST 101 (3 hrs) with FDST 100 (3 hrs)
- Drop one physical science elective (4 hrs)
- Add biological science footnote
- Increase Unrestricted Electives from 2 hours to 6 hours
- Add an Agricultural Sciences and Natural Resources elective (3 hrs)

Rationale: The faculty want students to take the introductory ALEC course, so AGNR 100 was dropped as an option. AGNR 290 was replaced with an Agricultural Sciences and Natural Resources elective since AGNR 290 is no longer required for CASNR and the Agricultural Sciences and Natural Resources elective will give students the opportunity to take more courses in this area. ANSC 280 was added as an option with ANSC 160 to allow students more options in animal science. FDST 101 was renumbered to FDST 100. One physical science elective was dropped since ESS 210 already serves that purpose. Unrestricted Electives were increased from 2 hours to 6 hours to accommodate some of the drops. Impact on other units: None. Financial impact: None.

UTracK Requirements (for first-year students)
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 first-time, first-year, full-time, degree-seeking students entering Fall 2013. Returning, readmitted and transfer students will continue to follow the same program requirements outlined in their selected catalog.

Academic Plan		**Milestone Notes**
Term 1	**Hours**	**Term 1**
[1,2]Agricultural Sciences and Natural Resources Elective	3	2.0 cumulative GPA
ALEC 101	1	
ENGL 101* or ENGL 118*	3	
MATH 113* or MATH 117*	3	
PLSC 210	3	
	13	
Term 2		**Term 2**
ANSC 160 or ANSC 280*	3	2.0 cumulative GPA
ENGL 102*	3	
[3]Physical Science Elective*	4	
[2,4]Quantitative Reasoning Elective*	3	
	13	
Term 3		**Term 3**
ALEC 240*	3	2.0 cumulative GPA
[5]AREC 201* or ECON 201*	4	ENGL 101*
[6]Biological Sciences Elective*	4	

FDST 100 or FDST 150*	3	
PLSC 230 or PLSC 435	3	
	17	
Term 4		**Term 4**
ALEC 211	3	2.0 cumulative GPA
AREC 212	3	ENGL 102*
[6]Biological Sciences Elective*	4	
ESS 210	4	
PLSC 250*	3	
	17	
Term 5		**Term 5**
AREC 315	3	2.0 cumulative GPA
[2,4]Arts and Humanities Elective*	3	MATH 113* or higher
[2,4]Cultures and Civilizations Elective*	3	
EPP 313 or EPP 321	3	
[2,4,5]Social Sciences Elective*	3	
	15	
Term 6		**Term 6**
[2,7]Minor Requirement	15	2.0 cumulative GPA
	15	ALEC 211
Term 7		**Term 7**
[2,4]Arts and Humanities Elective*	3	2.0 cumulative GPA
[2,4]Cultures and Civilizations Elective*	3	
[2,7]Minor Requirement	9	
	15	
Term 8		**Term 8**
[1,2]Agricultural Sciences and Natural Resources Electives	9	No milestones
[2,8]Unrestricted Electives	6	
	15	
TOTAL	**120**	

* Meets University General Education Requirement.

[1] Agricultural Sciences and Natural Resources Electives may be selected from any courses in the college not already required for the major.

[2] One of the University General Education Electives, Agricultural Sciences and Natural Resources Electives, Unrestricted Electives or a course taken as part of one of the minors must be a Communicating through Writing (WC) course. Unrestricted Electives may be selected from any courses not already required for the major.

[3] Select one course (4 hours) from chemistry, physics, geology, ESS 210, GEOG 131*, GEOG 137*, GEOG 132*. CHEM 130* is a corequisite to BIOL 140*. Therefore, students who choose BIOL 130*-BIOL 140* should take CHEM 120*-CHEM 130* for their physical science electives. BIOL 111*-BIOL 112* has no chemistry requirement.

[4] Chosen from the University General Education list.

[5] AREC 201* (4) or ECON 201* (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.

[6] Select sequence from BIOL 101*-102*, BIOL 111*-112*, BIOL 130*-140*, BIOL 138*-BIOL 148*.

[7] Students should select one of the minors offered by the College of Agricultural Sciences and Natural Resources: animal science, biosystems engineering technology, entomology and plant pathology, environmental and soil sciences, food and agricultural business, agricultural leadership, food science, food technology, forestry, international agriculture and natural resources, natural resource and environmental economics, plant sciences, wildlife and fisheries science, watershed, or one of the minors in the College of Communication and Information (see listing in this catalog), or submit an individualized plan of study before the third year, for approval by the advisor, department head, and the Dean's Office. If the minor is less than 24 hours, the excess hours will become Unrestricted Electives.

[8] Any courses not already required for the major.

AGRICULTURE AND NATURAL RESOURCES (INTERDEPARTMENTAL)

REVISE INTERNATIONAL AGRICULTURE AND NATURAL RESOURCES MINOR

The minor in international agriculture and natural resources is intended for students interested in gaining an international perspective to the world's food, fiber, and natural resources systems.

Minor Requirements

The minor consists of **18 hours**. Only one 100-level course may be taken as a part of the minor as a prerequisite to other courses in the minor. Any deviations need to be requested via a petition.

Select one course ~~Complete~~:

- AGNR 481 - Special Topics in Agriculture and Natural Resources
- FWF 420 - International Natural Resource Issues

Select one course:

- [1] AGNR 491 - International Experience in Agriculture and Natural Resources
- ARAB 222 - Intermediate Modern Standard Arabic II *
- ASLN 232 - Intermediate Chinese II *
- ASLN 252 - Intermediate Japanese II *
- ASST 222 - Intermediate Modern Standard Arabic II *
- ASST 242 - Intermediate Modern Hebrew II *
- ASST 262 - Intermediate Persian II *
- FREN 212 - Intermediate French II *
- FREN 218 - Honors: Intermediate French II *
- FREN 223 - Intensive Intermediate French *
- GERM 202 - Intermediate German II *
- GERM 223 - Intensive Intermediate German *
- HEBR 242 - Intermediate Modern Hebrew II *
- ITAL 212 - Intermediate Italian *
- ITAL 223 - Intensive Intermediate Italian *
- JAPA 252 - Intermediate Japanese II *
- PERS 262 - Intermediate Persian II *
- PORT 212 - Intermediate Portuguese *
- PORT 223 - Intensive Intermediate Portuguese *
- RUSS 202 - Intermediate Russian *
- SPAN 212 - Intermediate Spanish *
- SPAN 218 - Honors: Intermediate Spanish *
- SPAN 223 - Intensive Intermediate Spanish *

Select two courses (see footnote 2):

- AFST 235 - Introduction to African Studies *
- AFST 236 - Introduction to African Studies *
- ANTH 130 - Cultural Anthropology *
- ANTH 316 - Peoples and Cultures of South America
- ANTH 319 - Caribbean Cultures and Societies
- ANTH 463 - Rise of Complex Civilizations
- GEOG 101 - World Geography *
- GEOG 345 - People and Environment
- GEOG 371 - Geography of Europe
- GEOG 373 - Geography of South America
- GLBS 250 - Introduction to Global Studies *
- POLS 365 - Introduction to International Relations
- POLS 370 - Contemporary International Problems
- POLS 471 - International Political Economy
- REST 102 - The Comparison of World Religions *
- SOCI 446 - The Modern World System

Select two courses:

- AREC 420 - International Agricultural Trade and Marketing
- EPP 201 - Impact of Insects and Plant Diseases on Human Societies *
- FDST 150 - History and Culture of Food *
- ~~FWF 420 - International Natural Resource Issues~~
- ESS 120 - Soils and Civilizations *
- ESS 220 - Waters and Civilizations *
- PLSC 250 - World Food and Fiber Plant Production *
- ESS 334 - Soil Nutrient Management and Fertilizers

or

- ESS 442 - Soil Genesis and Classification

Notes
* Meets University General Education Requirement.
[1] The international experience is a planned experience in a foreign country, such as a study abroad program, semester abroad, or internship, with approval on a case-by-case basis.
[2] One course should correspond with subject matter for the continent of the international experience. If the chosen course appears on the approved University General Education list, it may be used for both the minor and the University General Education Requirement. This selected course should be completed before AGNR 491 is taken.

Rationale: Natural Resource Issues is a seminar-type class. Impact on other units: None. Financial impact: None.

REVISE WATERSHED MINOR

Minor Requirements
The minor consists of 18 hours selected from at least two departments. Note that some courses may have prerequisites.

Watershed Core
Select 3 hours:
- BSE 416 - Environmental Hydrology
- BSET 474 - Environmental Instrumentation and Monitoring
- CE 494 - Water Resources Engineering II
- ESS 424 ~~324~~ - Soil and Water Conservation
- GEOG 433 - The Land-Surface System
- GEOG 436 - Water Resources

Science/Engineering
Select 3 hours:
- AE 341 - Fluid Mechanics
- BSE 416 - Environmental Hydrology
- BSET 326 - GIS/GPS Applications in Agriculture and Environmental Science
- BSET 474 - Environmental Instrumentation and Monitoring
- CE 381 - Environmental Engineering I
- CE 391 - Water Resources Engineering I
- CE 481 - Environmental Engineering II
- CE 485 - Principles of Hydrogeology
- CE 494 - Water Resources Engineering II
- EEB 404 - Ecosystem Ecology
- EEB 470 - Aquatic Ecology
- EEB 474 - Ichthyology
- ESS 210 - Introduction to Soil Science
- ESS 424 ~~324~~ - Soil and Water Conservation
- ESS 444 - Environmental Soil Physics
- ESS 454 - Environmental Soil Biology
- ESS 462 - Environmental Climatology
- FORS 414 - Tree Physiology
- GEOG 433 - The Land-Surface System
- GEOG 434 - Climatology
- GEOG 436 - Water Resources
- GEOL 450 - Process Geomorphology
- GEOL 485 - Principles of Hydrogeology
- WFS 295 - Practicum in Wildlife and Fisheries Sciences
- WFS 433 - Amphibian Ecology and Conservation
- WFS 443 - Fisheries Science

Policy/Cultures/Society
Select 3 hours:
- AREC 315 - Agricultural and Environmental Law
- AREC 470 - Policy Analysis for Environmental and Natural Resource Management
- AREC 472 - Natural Resource Economics
- ECON 362 - Environmental and Natural Resource Policy
- ECON 463 - Environmental Economics
- ESS 120 - Soils and Civilizations
- ESS 220 - Waters and Civilizations
- FWF 250 - Conservation

- PHIL 346 - Environmental Ethics
- SOCI 360 - Environment and Resources
- SOCI 465 - Social Values and the Environment

~~**Policy**~~
~~**Select 3 hours:**~~
- ~~AREC 315 - Agricultural and Environmental Law~~
- ~~AREC 470 - Policy Analysis for Environmental and Natural Resource Management~~
- ~~AREC 472 - Natural Resource Economics~~
- ~~ECON 362 - Environmental and Natural Resource Policy~~
- ~~ECON 463 - Environmental Economics~~

Select 9 ~~6~~ hours:
- any courses from the prior lists not already taken for the minor

DEPARTMENT OF ANIMAL SCIENCE

REVISE ANIMAL SCIENCE MAJOR—ANIMAL INDUSTRIES CONCENTRATION

- Add introductory program text for UTracK
- Broaden quantitative reasoning elective
- Add biological science footnote
- Add chemistry footnote
- Broaden choices for the minor
- Drop AGNR 290 (3 hrs)
- Add ECON 201 as an option with AREC 201
- Replace biological science restricted elective (3 hrs) with STEM elective (3 hrs)
- Clarify ANSC 400-level elective requirement
- Reduce Unrestricted Electives

Rationale: AGNR 290 was dropped because it is no longer required for CASNR. Opening up the quantitative reasoning requirement provides a better balance of courses for UTracK. ECON 201 was added as an option with AREC 201 because it is required for the business administration minor. The biological sciences restricted elective was replaced with a STEM elective to provide more course options in science and math. The business administration and food and agricultural business minors were broadened to include more choices for students. The Unrestricted Electives were reduced to bring the program to 120 total hours. Impact on other units: None. Financial impact: None.

UTracK Requirements (for first-year students)
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 first-time, first-year, full-time, degree-seeking students entering Fall 2013. Returning, readmitted and transfer students will continue to follow the same program requirements outlined in their selected catalog.

Academic Plan

Term 1	Hours
ANSC 160	3
[1]Biological Sciences Elective*	4
[2]Chemistry Elective*	4
ENGL 101* or ENGL 118*	3
	14

Term 2	
[1]Biological Sciences Elective*	4
[2]Chemistry Elective*	4
ENGL 102*	3
[3,5]Quantitative Reasoning Elective*	3-4
	14-15

Term 3	
ANSC 280*	3
AREC 201* or ECON 201*	4
ESS 210	4
[3,5]Quantitative Reasoning Elective*	3-4
	14-15

Milestone Notes

Term 1
2.0 cumulative GPA

Term 2
One general education elective*

Term 3
ANSC160 or ANSC 280* or Natural Sciences Elective* or Quantitative Reasoning Elective*

Term 4	
ANSC 220, ANSC 360*	6
[4]Minor Requirement	3
[5]Social Sciences Elective*	3
[6]Unrestricted Electives	4
	16

Term 4
Two additional general education electives*

Term 5	
ANSC 330, ANSC 380	6
[5]Arts and Humanities Elective*	3
[4]Minor Requirement	3
[7]STEM Elective	3
	15

Term 5
ANSC 160 or ANSC 280*
BIOL 101* or BIOL 130*

Term 6	
ANSC 320, ANSC 340, ANSC 395	7
ANSC 492 (can be completed in summer)	3
[5]Arts and Humanities Elective*	3
[4]Minor Requirement	3
	16

Term 6
No milestones

Term 7	
ANSC 430	3
[8]ANSC 400-level Elective	3
[5]Cultures and Civilizations Elective*	3
[4]Minor Requirement	6
	15

Term 7
Apply to graduate

Term 8	
ANSC 495	1
[8]ANSC 400-level Elective	3
[5]Cultures and Civilizations Elective*	3
[4]Minor Requirement	3
[6]Unrestricted Electives	4-6
	14-16
TOTAL	**120**

Term 8
No milestones

* Meets University General Education Requirement.

[1] Select sequence from BIOL 101*-102*, BIOL 130*-140*, or BIOL 138*-148*.

[2] Select sequence from CHEM 100*-110*, CHEM 120*-130*, or CHEM 128*-CHEM 138*.

[3] One Quantitative Reasoning Elective must be MATH 125*, MATH 141*, MATH 147*, or MATH 151*.

[4] A minor in Food and Agricultural Business, Business Administration, Communication Studies, Information Studies and Technology, Journalism and Electronic Media, or other discipline with approval of the Animal Science Undergraduate Committee is required.

[5] Chosen from the University General Education list.

[6] Any courses not already required for the major.

[7] STEM elective chosen from ANSC 385, ANSC 420, ANSC 430, ANSC 481 through ANSC 486 or ANSC 489 (after major requirement has been met); ANTH 110, ANTH 210*, ANTH 480, ANTH 485; BCMB (above 200 except BCMB 320); BME (above 200); BSE (221 and above); BSET (above 200); CBE (above 200); CHEM (100 and above); CE (210 and above); COSC (100 and above); EEB (above 200); ECE (above 200); EF (101 and above); EPP 201*, EPP 313, EPP 321, EPP 325, EPP 385, EPP 410, EPP 411; ESS 210, ESS 334, ESS 424, ESS 434, ESS 442, ESS 444, ESS 454 ESS 462; FDST 241, FDST 410, FDST 415, FDST 421, FDST 429, FDST 441, FDST 445; FORS 214, FORS 214, FORS 215, FORS 331, FORS 332, FORS 333, FORS 414; FWF 212, FWF 250*, FWF 313, FWF 317, FWF 320; GEOL 310, GEOL 330, GEOL 340, GEOL 370, GEOL 380, GEOL 460, GEOL 471, GEOL 485; IE (above 200); KNS 480; MATH (above 110); ME (above 200) MICR (above 200); MSE (above 200); NE (above 200); NUTR 100*, NUTR 302, NUTR 311, NUTR 313, NUTR 314; PHYS (100 and above); PLSC 210, PLSC 220, PLSC 330, PLSC 341, PLSC 343, PLSC 348, PLSC 370, PLSC 410*, PLSC 421, PLSC 434, PLSC 435, PLSC 438, PLSC 441, PLSC 442, PLSC 450, PLSC 452 PLSC 457, PLSC 461; PSYC 210, PSYC 370, PSYC 385, PSYC 445, PSYC 450, PSYC 459, PSYC 461; PUBH 305; STAT (above 200); WFS 340, WFS 350, WFS 401, WFS 431, WFS 433, WFS 440, WFS 442, WFS 443, WFS 444, WFS 445, WFS 450, WFS 455, WFS 456; any natural sciences course from the University General Education list.

[8] Select two courses which must come from different groupings (ANSC 481 or ANSC 482 or ANSC 486), (ANSC 483 or ANSC 484), (ANSC 485 or ANSC 489).

REVISE ANIMAL SCIENCE MAJOR—BIOSCIENCE CONCENTRATION

- Add introductory program text for UTracK
- Broaden quantitative reasoning elective
- Drop AGNR 290 (3 hrs)
- Add ECON 201 as an option with AREC 201
- Replace biological science and physical science/math restricted electives (28 hrs) with STEM electives (27 hrs)

- Clarify ANSC 400-level elective requirement

Rationale: AGNR 290 was dropped because it is no longer required for CASNR. Opening up the quantitative reasoning requirement provides a better balance of courses for UTracK. ECON 201 was added as an option with AREC 201 because it is required for the business administration minor. The biological science and physical science/math restricted electives were replaced with STEM electives to provide more course options in science and math. Impact on other units: None. Financial impact: None.

UTracK Requirements (for first-year students)

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 first-time, first-year, full-time, degree-seeking students entering Fall 2013. Returning, readmitted and transfer students will continue to follow the same program requirements outlined in their selected catalog.

Academic Plan		Milestone Notes
Term 1	**Hours**	**Term 1**
ANSC 160	3	2.0 cumulative GPA
BIOL 130* or BIOL 138*	4	
CHEM 120* or CHEM 128*	4	
ENGL 101* or ENGL 118*	3	
	14	
Term 2		**Term 2**
BIOL 140* or BIOL 148*	4	One general education elective*
CHEM 130* or CHEM 138*	4	
ENGL 102*	3	
[1,2]Quantitative Reasoning Elective*	3-4	
	14-15	
Term 3		**Term 3**
ANSC 280*	3	ANSC160 or ANSC 280* or Natural Sciences Elective* or Quantitative Reasoning Elective*
CMST 210*, CMST 217*, CMST 240*, CMST 247*, or ANSC 360*	3	
[2]Cultures and Civilizations Elective*	3	
[1,2]Quantitative Reasoning Elective*	3-4	
[3]STEM Elective	3	
	15-16	
Term 4		**Term 4**
ANSC 220	3	Two additional general education electives*
AREC 201* or ECON 201*	4	
[2]Cultures and Civilizations Elective*	3	
[3]STEM Electives	6	
	16	
Term 5		**Term 5**
ANSC 330, ANSC 380, ANSC 395	7	ANSC 160 or ANSC 280*
[3]STEM Electives	8	BIOL 130*
	15	
Term 6		**Term 6**
ANSC 320, ANSC 340	6	No milestones
[4]Business Elective	3	
[2]Social Sciences Elective*	3	
[3]STEM Elective	4	
	16	
Term 7		**Term 7**
[5]ANSC 400-level Elective	3	Apply to graduate
[2]Arts and Humanities Elective*	3	
[4]Business Elective	2	
[3]STEM Electives	6	
	14	
Term 8		**Term 8**
ANSC 495	1	No milestones
[5]ANSC 400-level Elective	3	
[2]Arts and Humanities Elective*	3	
[6]Unrestricted Electives	7-9	
	14-16	
TOTAL	**120**	

* Meets University General Education Requirement

[1] One Quantitative Reasoning Elective must be MATH 125*, MATH 141*, MATH 147*, or MATH 151*.

[2] Chosen from the University General Education list.

[3] At least 12 hours of STEM electives must be upper division (300-400 level) courses. Because of the high number of STEM electives available in this concentration, students are highly encouraged to identify a science-based minor that will complement their animal science program and provide a unique skill set that matches their interests and future career goals. ANSC 385, ANSC 420, ANSC 430, ANSC 481 through ANSC 486 or ANSC 489 (after major requirement has been met, and a maximum of two ANSC 48x classes may be taken to satisfy the STEM elective requirement); ANTH 110, ANTH 210, ANTH 480, ANTH 485; BCMB (above 200 except BCMB 320); BME (above 200); BSE (221 and above); BSET (above 200); CBE (above 200); CHEM (100 and above); CE (210 and above); COSC (100 and above); EEB (above 200); ECE (above 200); EF (101 and above); EPP 201*, EPP 313, EPP 321, EPP 325, EPP 410, EPP 411; ESS 210, ESS 334, ESS 424, ESS 434, ESS 442, ESS 444, ESS 454, ESS 462; FDST 241, FDST 410, FDST 415, FDST 421, FDST 429, FDST 441, FDST 445; FORS 214, FORS 215, FORS 331, FORS 333, FORS 414; FWF 212, FWF 250*, FWF 313, FWF 317, FWF 320; GEOL 310, GEOL 330, GEOL 340, GEOL 370, GEOL 380, GEOL 460, GEOL 471, GEOL 485; IE (above 200); KNS 332, KNS 422, KNS 480; MATH (above 110); MSE (above 200); ME (above 200); MICR (above 200); NE (above 200); NUTR 100*, NUTR 302, NUTR 311, NUTR 313, NUTR 314; PHYS (100 and above); PLSC 210, PLSC 220, PLSC 330, PLSC 341, PLSC 343, PLSC 348, PLSC 370, PLSC 410*, PLSC 421, PLSC 434, PLSC 435, PLSC 438, PLSC 441, PLSC 442, PLSC 450, PLSC 452, PLSC 457, PLSC 461; PSYC 210, PSYC 370, PSYC 385, PSYC 445, PSYC 450, PSYC 459, PSYC 461; PUBH 305; STAT (above 200); WFS 340, WFS 350, WFS 401, WFS 431, WFS 433, WFS 440, WFS 442, WFS 443, WFS 444, WFS 445, WFS 450, WFS 455, WFS 456; any natural sciences course from the University General Education list.
[4] Chosen from ACCT 200, ACCT 207; AGNR 291, AGNR 292; ANSC 361; AREC 212; AREC 320 and above; BULW 301; ECON (any course above 201); FDST 390; FINC 300; MARK 300; MGT 201, MGT 300; WFS 341.
[5] Select two courses which must come from different groupings (ANSC 481 or ANSC 482 or ANSC 486), (ANSC 483 or ANSC 484), (ANSC 485 or ANSC 489).
[6] Any courses not already required for the major.

REVISE ANIMAL SCIENCE MAJOR—PRE-VETERINARY MEDICINE CONCENTRATION

- Add introductory program text for UTracK
- Broaden quantitative reasoning elective
- Drop AGNR 290 (3 hrs)
- Add ECON 201 as an option with AREC 201
- Clarify ANSC 400-level elective requirement
- Replace directed technical elective and biological science restricted electives (10 hrs) with STEM electives (9 hrs)

Rationale: AGNR 290 was dropped because it is no longer required for CASNR. Opening up the quantitative reasoning requirement provides a better balance of courses for UTracK. ECON 201 was added as an option with AREC 201 because it is required for the business administration minor. The biological sciences restricted electives and the directed technical elective were replaced with STEM electives to provide more course options in science and math. Impact on other units: None. Financial impact: None.

UTracK Requirements (for first-year students)
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 first-time, first-year, full-time, degree-seeking students entering Fall 2013. Returning, readmitted and transfer students will continue to follow the same program requirements outlined in their selected catalog.

Academic Plan

Term 1	**Hours**
ANSC 160	3
BIOL 130* or BIOL 138*	4
CHEM 120* or CHEM 128*	4
ENGL 101* or ENGL 118*	3
	14

Term 2	
BIOL 140* or BIOL 148*	4
CHEM 130* or CHEM 138*	4
ENGL 102*	3
[1,2]Quantitative Reasoning Elective*	3-4
	14-15

Term 3	
ANSC 280*	3
CHEM 350	3
CMST 210*, CMST 217*, CMST 240*, CMST 247*, or ANSC 360*	3
[2]Cultures and Civilizations Elective*	3
[1,2]Quantitative Reasoning Elective*	3-4
	15-16

Milestone Notes

Term 1
2.0 cumulative GPA

Term 2
One general education elective*

Term 3
ANSC160 or ANSC 280* or Natural Sciences Elective* or Quantitative Reasoning Elective*

Term 4	
ANSC 220	3
AREC 201* or ECON 201*	4
CHEM 360, CHEM 369	5
[2]Cultures and Civilizations Elective*	3
	15

Term 4
Two additional general education electives*

Term 5	
ANSC 330, ANSC 380, ANSC 395	7
PHYS 221*	4
[3]STEM Elective	3
	14

Term 5
ANSC 160 or ANSC 280*
BIOL 130*

Term 6	
ANSC 320, ANSC 340	6
[4]Business Elective	3
PHYS 222*	4
[2]Social Science Elective*	3
	16

Term 6
No milestones

Term 7	
ANSC 495	1
[5]ANSC 400-level Elective	3
[2]Arts and Humanities Elective*	3
BCMB 401	4
[4]Business Elective	2
[3]STEM Elective	3
	16

Term 7
Apply to graduate

Term 8	
[5]ANSC 400-level Elective	3
[2]Arts and Humanities Elective*	3
[3]STEM Elective	3
[6]Unrestricted Electives	5-7
	14-16
TOTAL	**120**

Term 8
No milestones

* Meets University General Education Requirement

[1] One Quantitative Reasoning Elective must be MATH 125*, MATH 141*, MATH 147*, or MATH 151*.

[2] Chosen from the University General Education list.

[3] STEM electives chosen from ANSC 385, ANSC 420, ANSC 430, ANSC 481 through ANSC 486 or ANSC 489 (after major requirement has been met, and a maximum of two ANSC 48x classes may be taken to satisfy the STEM elective requirement); ANTH 110, ANTH 210, ANTH 480, ANTH 485; BCMB (above 200 except BCMB 320); BME (above 200); BSE (221 and above); BSET (above 200); CBE (above 200); CHEM (100 and above); CE (210 and above); COSC (100 and above); EEB (above 200); ECE (above 200); EF (101 and above); EPP 201*, EPP 313, EPP 321, EPP 325, EPP 410, EPP 411; ESS 210, ESS 334, ESS 424, ESS 434, ESS 442, ESS 444, ESS 454, ESS 462; FDST 241, FDST 410, FDST 415, FDST 421, FDST 429, FDST 441, FDST 445; FORS 214, FORS 215, FORS 331, FORS 333, FORS 414; FWF 212, FWF 250*, FWF 313, FWF 317, FWF 320; GEOL 310, GEOL 330, GEOL 340, GEOL 370, GEOL 380, GEOL 460, GEOL 471, GEOL 485; IE (above 200); KNS 332, KNS 422, KNS 480; MATH (above 110); MSE (above 200); ME (above 200); MICR (above 200); NE (above 200); NUTR 100*, NUTR 302, NUTR 311, NUTR 313, NUTR 314; PHYS (100 and above); PLSC 210, PLSC 220, PLSC 330, PLSC 341, PLSC 343, PLSC 348, PLSC 370, PLSC 410*, PLSC 421, PLSC 434, PLSC 435, PLSC 438, PLSC 441, PLSC 442, PLSC 450, PLSC 452, PLSC 457, PLSC 461; PSYC 210, PSYC 370, PSYC 385, PSYC 445, PSYC 450, PSYC 459, PSYC 461; PUBH 305; STAT (above 200); WFS 340, WFS 350, WFS 401, WFS 431, WFS 433, WFS 440, WFS 442, WFS 443, WFS 444, WFS 445, WFS 450, WFS 455, WFS 456. Any natural sciences course from the University General Education list.

[4] Chosen from ACCT 200, ACCT 207; AGNR 291, AGNR 292; ANSC 361; AREC 212; AREC 315 and above; BULW 301; FDST 390; FINC 300; ECON (any course above 201); MARK 300; MGT 201, MGT 300; WFS 341.

[5] Select two courses which must come from different groupings (ANSC 481 or ANSC 482 or ANSC 486), (ANSC 483 or ANSC 484), (ANSC 485 or ANSC 489).

[6] Any courses not already required for the major.

REVISE ANIMAL SCIENCE MAJOR—PRE-VETERINARY MEDICINE 3+1 CONCENTRATION

- Add introductory program text for UTracK
- Broaden quantitative reasoning elective
- Drop AGNR 290 (3 hrs)
- Add ECON 201 as an option with AREC 201
- Change directed technical elective (4 hrs) to biological science directed elective (4 hrs)

Rationale: AGNR 290 was dropped because it is no longer required for CASNR. Opening up the quantitative reasoning requirement provides a better balance of courses for UTracK. ECON 201 was added as an option with AREC 201 because it is required for the business administration

minor. Impact on other units: None. Financial impact: None.

UTracK Requirements (for first-year students)

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 first-time, first-year, full-time, degree-seeking students entering Fall 2013. Returning, readmitted and transfer students will continue to follow the same program requirements outlined in their selected catalog.

Academic Plan		Milestone Notes
Term 1	**Hours**	**Term 1**
ANSC 160	3	2.0 cumulative GPA
BIOL 130* or BIOL 138*	4	
CHEM 120* or CHEM 128*	4	
ENGL 101* or ENGL 118*	3	
[1,2]Quantitative Reasoning Elective*	3-4	
	17-18	
Term 2		**Term 2**
BIOL 140* or BIOL 148*	4	One general education elective*
CHEM 130* or CHEM 138*	4	
ENGL 102*	3	
[1,2]Quantitative Reasoning Elective*	3-4	
	14-15	
Term 3		**Term 3**
ANSC 280*	3	ANSC160 or ANSC 280* or Natural Sciences Elective* or Quantitative Reasoning Elective*
[3]Biological Sciences Directed Elective	4	
CHEM 350	3	
PHYS 221*	4	
[2]Social Sciences Elective*	3	
	17	
Term 4		**Term 4**
ANSC 220	3	Two additional general education electives*
CHEM 360, CHEM 369	5	
CMST 210*, CMST 217*, CMST 240*, CMST 247*, or ANSC 360*	3	
PHYS 222*	4	
	15	
Term 5		**Term 5**
ANSC 330, ANSC 380, ANSC 395	7	ANSC 160 or ANSC 280*
AREC 201* or ECON 201*	4	BIOL 130*
[2]Arts and Humanities Elective*	3	
[2]Cultures and Civilizations Elective*	3	
	17	
Term 6		**Term 6**
ANSC 320, ANSC 340	6	No milestones
[2]Arts and Humanities Elective*	3	
BCMB 401	4	
[2]Cultures and Civilizations Elective*	3	
	16	
Term 7		**Term 7**
UT College of Veterinary Medicine		Apply to graduate
This curriculum meets the requirements for entrance to the UT College of Veterinary Medicine. 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 Animal Science with a major in Animal Science. Should the student not gain admittance after the junior year, the student will complete the requirements during the senior year for a major in Animal Science with a pre-veterinary concentration.		
Term 8		**Term 8**
UT College of Veterinary Medicine		No milestones
TOTAL	**120**	

* Meets University General Education Requirement

[1] One Quantitative Reasoning Elective must be MATH 125*, MATH 141*, MATH 147*, or MATH 151*.

[2] Chosen from the University General Education list.

[3] Biological Sciences Directed Elective: Any BIOL, BCMB, EEB, or MICRO course numbered 200 or higher.

DEPARTMENT OF BIOSYSTEMS ENGINEERING AND SOIL SCIENCE

REVISE PROGRAM TEXT (BIOSYSTEMS ENGINEERING MAJOR)

Advisors

Ayers, Freeland, Hart, Hayes, Wilkerson, Womac, Yoder

The College of Agricultural Sciences and Natural Resources, in cooperation with the College of Engineering, offers a four-year curriculum leading to the Bachelor of Science in Biosystems Engineering. The curriculum is accredited by the 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.

Career opportunities for graduates include the design, development, or management of practices that produce biofuels, minimize soil erosion and conserve water resources; biological waste treatment systems; safer machinery systems with lower environmental impact; and improved food and bio-processing systems. Employment opportunities are available in a wide variety of industries, government agencies, research and testing organizations, and educational and non-profit institutions.

The mathematics requirement for freshman admission to the biosystems engineering program is 3½ units, including trigonometry and geometry. Otherwise, the general admission requirements of the university apply.

The curriculum provides instruction in the analytical and design skills needed to solve engineering problems related to biological and agricultural systems. Comprehensive design of systems and their components is emphasized in the senior year. In addition to the standard biosystems engineering curriculum, a pre-professional concentration is available. The degree program has provisions for elective courses to be taken in specified subject areas. Proper scheduling of courses is very important since prerequisite requirements must be met. Students must consult with their advisors each semester to review their scheduling plan.

Students majoring in biosystems engineering are eligible to participate in the Engineering Cooperative Scholarship Program and other student activities in the College of Engineering. Biosystems engineering majors interested in the Engineering Cooperative Scholarship Program should consult with their faculty advisor or the head of the Biosystems Engineering and Soil Science Department, (865) 974-7266; e-mail bess@utk.edu.

The biosystems engineering program at the University of Tennessee, Knoxville, has specific program educational objectives that follow the objectives of the University of Tennessee Institute of Agriculture. In order to meet the ~~Institute's~~ objectives of the University of Tennessee Institute of Agriculture, program graduates will receive the educational tools necessary to perform as entry-level engineering professionals or to be successful in graduate or professional schools. Recent graduates are ~~to be~~ prepared to:

- be successful in securing employment in the profession or a position in graduate or professional school,
- continue developing as professionals,
- demonstrate success in their chosen career paths,
- perform in a manner that reflects positively on the program and institution's reputation.
- ~~Compete well for employment on the national level,~~
- ~~Meet their own and societal needs that are consistent with the goals of life-long learning, professional ethics, and leadership,~~
- ~~Perform as entry-level engineers in a manner that positively reflects on the overall program's national reputation.~~

Student Outcomes

To achieve the program educational objectives listed above, a series of student outcomes have been adopted. These student outcomes provide specific measures to determine the degree of success in meeting each of the educational objectives. These outcomes are as follows.

- An ability to apply knowledge of mathematics, science, and engineering.
- An ability to design and conduct experiments, as well as to analyze and interpret data.
- An ability to design a system, component, or process to meet desired needs.
- An ability to function on multi-disciplinary teams.
- An ability to identify, formulate, and solve engineering problems.
- An understanding of professional and ethical responsibility.
- An ability to communicate effectively.
- The broad education necessary to understand the impact of engineering solutions in a global and societal context.
- A recognition of the need for and an ability to engage in, life-long learning.
- A knowledge of contemporary issues.
- An ability to use the techniques, skills, and modern engineering tools necessary for engineering practice.
- An understanding of the complexity of biological systems and the ability to apply engineering principles to those systems.

One of the primary tools engineers bring to the solution of many problems is a mastery of mathematics, so mathematical competence is a critical component of an engineering education. In order to graduate with a major in biosystems engineering, students must display this competence by achieving an average GPA of at least 2.0 in the required mathematics courses. It is the student's responsibility to work with their academic advisor in assuring that they meet this requirement.

In order to provide students with the best advice concerning course selection, general academic success, and career choices, the programs within the Department of Biosystems Engineering and Soil Science require that all undergraduate students meet with their academic advisors every semester before registering for classes.

In keeping with the general College of Engineering requirement, all Biosystems Engineering undergraduate students are expected to have their own laptop computer. Please see the minimum computer requirements described at http://www.engr.utk.edu/futurestudents/computers.html.

Requirements for Admission, Readmission, and Transfer to the Program
Because the biosystems engineering program is accredited through the College of Engineering, students entering, being readmitted to, or transferring into the program must meet the conditions specified in the College of Engineering requirements found at http://catalog.utk.edu/content.php?catoid=11&navoid=988 under the titles of College Admission Requirements, Readmission, and Transfer Students.

Rationale: Our ABET review panel insisted on modifying the Program Educational Objectives to make them more measureable. Our ABET review process requires strict adherence to entrance standards, which is most easily done by adopting the COE standards. Impact on other units: None. Financial impact: None.

REVISE BIOSYSTEMS ENGINEERING MAJOR

- Add introductory program text for UTracK
- Replace MICR 210 (3 hrs) with BIOL 140 or BIOL 148 (4 hrs)
- Delete math placement footnote
- Delete honors equivalent footnote
- Add graduation footnote

Rationale: MICR 210 is no longer taught as a general microbiology class, but rather as human microbiology, which is not appropriate for our students, so BIOL140 is now a much better fit. The extra hour required for BIOL 140 is made up for by reducing an hour in BSE 404. The math placement footnote is no longer needed due to admissions and prerequisite requirements. The honors equivalent footnote is no longer needed since the honors options are listed in the showcase. The graduation requirements are already specified in the catalog under the general CASNR heading, but the department would like to include them here for clarity. Impact on other units: None. Financial impact: None.

IMPORTANT: Progression vs. UTracK Requirements
Universal Tracking (UTracK) is an academic monitoring system designed to help students stay on track for timely graduation. UTracK requirements only affect first-time, first-year, full-time, degree-seeking students entering Fall 2013. Returning, readmitted and transfer students will be required to follow the progression requirements defined by the college and department of their intended major.

PROGRESSION POLICIES AND REQUIREMENTS (for returning students)
Progression of students to departmental upper-division courses is competitive and is based on the space available in the department. Factors considered include overall grade point average, performance in selected lower-division courses and evidence of satisfactory and orderly progress through the prescribed curriculum.

UTRACK REQUIREMENTS (for first-year students)
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.

Academic Plan

Term 1	Hours
CHEM 120* or CHEM 128*	4
EF 105	1
EF 151* or EF 157*	4
ENGL 101* or ENGL 118*	3
MATH 141* or MATH 147*	4
	16

Term 2	
BSE 104	1

Milestone Notes

Term 1
MATH 130 or higher or one Arts and Humanities*, Cultures and Civilizations*, or Social Sciences* Elective

Term 2
MATH 130 or higher

[1]Cultures and Civilizations Elective*	3	
EF 152* or EF 158*	4	
ENGL 102*	3	
MATH 142* or MATH 148*	4	
ME 202	2	
	17	
Term 3		**Term 3**
BSE 201, BSE 221, BSE 231	7	EF 151* or PHYS 135*
MATH 241 or MATH 247	4	
ME 231, ME 331	6	
	17	
Term 4		**Term 4**
BIOL 140* or BIOL 148*	4	EF 152* or PHYS 136*
BSE 321	3	
ESS 210	4	
MATH 231	3	
ME 321	3	
	17	
Term 5		**Term 5**
AE 341 or AE 347	3	CBE 201 or COSC 102* or ME 202 or MSE 201
ECE 301	3	
ENGL 360*	3	
MATH 200	1	
PHIL 244*	3	
STAT 251	3	
	16	
Term 6		**Term 6**
BSE 411, BSE 416, BSE 431, BSE 451	13	No milestones
[2]Technical Elective	3	
	16	
Term 7		**Term 7**
AREC 201* or ECON 201* or ECON 207*	4	Apply to graduate[3]
BSE 401*, BSE 404, BSE 444	7	
[2]Technical Elective	3	
	14	
Term 8		**Term 8**
[1]Arts and Humanities Elective*	3	No milestones
BSE 402	6	
[1]Cultures and Civilizations Elective*	3	
[1]Social Sciences Elective*	3	
	15	
TOTAL	**128**	

* Meets University General Education Requirement.

[1] Chosen from the University General Education list after consultation with advisor.

[2] Note that some electives have required prerequisites. See individual course descriptions for specific information. BSET 412, BSET 414, BSET 432, BSET 434, BSET 452, BSET 462, BSET 474; CE 485; CHEM 230, CHEM 310, CHEM 350, CHEM 360; ESS 334, ESS 434, ESS 442, ESS 444, ESS 454; GEOG 410, GEOG 411; GEOL 485; IE 304; MATH 403, MATH 405, MATH 411, MATH 431; ME 363, ME 365, ME 366, ME 391, ME 405, ME 451, ME 466; PHYS 232*.

[3] Graduation requirements: a) achieve at least a 2.0 GPA in all BSE courses; b) only one BSE course with a grade of C-, D+, or D may be used towards graduation; c) no BSE course with a grade of D- or F may be used for graduation.

REVISE PROGRAM TEXT (BIOSYSTEMS ENGINEERING MAJOR—PRE-PROFESSIONAL CONCENTRATION)

Advisors
Ayers, Freeland, Hart, Hayes, Wilkerson, Womac, Yoder

The College of Agricultural Sciences and Natural Resources, in cooperation with the College of Engineering, offers a four-year curriculum leading to the Bachelor of Science in Biosystems Engineering. The curriculum is accredited by the 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.

Career opportunities for graduates include the design, development, or management of practices that produce biofuels, minimize soil erosion and conserve water resources; biological waste treatment systems; safer machinery systems with lower environmental impact; and improved food and bio-processing systems. Employment opportunities are available in a wide variety of industries, government agencies, research and testing organizations, and educational and non-profit institutions.

The mathematics requirement for freshman admission to the biosystems engineering program is 3½ units, including trigonometry and geometry. Otherwise, the general admission requirements of the university apply.

The curriculum provides instruction in the analytical and design skills needed to solve engineering problems related to biological and agricultural systems. Comprehensive design of systems and their components is emphasized in the senior year. In addition to the standard biosystems engineering curriculum, a pre-professional concentration is available. The degree program has provisions for elective courses to be taken in specified subject areas. Proper scheduling of courses is very important since prerequisite requirements must be met. Students must consult with their advisors each semester to review their scheduling plan.

Students majoring in biosystems engineering are eligible to participate in the Engineering Cooperative Scholarship Program and other student activities in the College of Engineering. Biosystems engineering majors interested in the Engineering Cooperative Scholarship Program should consult with their faculty advisor or the head of the Biosystems Engineering and Soil Science Department, (865) 974-7266; e-mail bess@utk.edu.

The biosystems engineering program at the University of Tennessee, Knoxville, has specific program educational objectives that follow the objectives of the University of Tennessee Institute of Agriculture. In order to meet the ~~Institute's~~ objectives of the University of Tennessee Institute of Agriculture, program graduates will receive the educational tools necessary to perform as entry-level engineering professionals or to be successful in graduate or professional schools. Recent graduates are ~~to be~~ prepared to:

- be successful in securing employment in the profession or a position in graduate or professional school,
- continue developing as professionals,
- demonstrate success in their chosen career paths,
- perform in a manner that reflects positively on the program and institution's reputation.
- ~~Compete well for employment on the national level,~~
- ~~Meet their own and societal needs that are consistent with the goals of life-long learning, professional ethics, and leadership,~~
- ~~Perform as entry-level engineers in a manner that positively reflects on the overall program's national reputation.~~

Student Outcomes

To achieve the program educational objectives listed above, a series of student outcomes have been adopted. These student outcomes provide specific measures to determine the degree of success in meeting each of the educational objectives. These outcomes are as follows.

- An ability to apply knowledge of mathematics, science, and engineering.
- An ability to design and conduct experiments, as well as to analyze and interpret data.
- An ability to design a system, component, or process to meet desired needs.
- An ability to function on multi-disciplinary teams.
- An ability to identify, formulate, and solve engineering problems.
- An understanding of professional and ethical responsibility.
- An ability to communicate effectively.
- The broad education necessary to understand the impact of engineering solutions in a global and societal context.
- A recognition of the need for and an ability to engage in, life-long learning.
- A knowledge of contemporary issues.
- An ability to use the techniques, skills, and modern engineering tools necessary for engineering practice.
- An understanding of the complexity of biological systems and the ability to apply engineering principles to those systems.

One of the primary tools engineers bring to the solution of many problems is a mastery of mathematics, so mathematical competence is a critical component of an engineering education. In order to graduate with a major in biosystems engineering, students must display this competence by achieving an average GPA of at least 2.0 in the required mathematics courses. It is the student's responsibility to work with their academic advisor in assuring that they meet this requirement.

In order to provide students with the best advice concerning course selection, general academic success, and career choices, the programs within the Department of Biosystems Engineering and Soil Science require that all undergraduate students meet with their academic advisors every semester before registering for classes.

In keeping with the general College of Engineering requirement, all Biosystems Engineering undergraduate students are expected to have their own laptop computer. Please see the minimum computer requirements described at http://www.engr.utk.edu/futurestudents/computers.html.

Requirements for Admission, Readmission, and Transfer to the Program

Because the biosystems engineering program is accredited through the College of Engineering, students entering, being readmitted to, or transferring into the program must meet the conditions specified in the College of Engineering requirements found at http://catalog.utk.edu/content.php?catoid=11&navoid=988 under the titles of College Admission Requirements, Readmission, and Transfer Students.

Rationale: Our ABET review panel insisted on modifying the Program Educational Objectives to make them more measureable. Our ABET review process requires strict adherence to entrance standards, which is most easily done by adopting the COE standards. Impact on other units: None. Financial impact: None.

REVISE BIOSYSTEMS ENGINEERING MAJOR—PRE-PROFESSIONAL CONCENTRATION

- Add introductory program text for UTracK
- Replace BIOL 130 (4 hrs) with BIOL 140 or BIOL 148 (4 hrs)
- Delete math placement footnote
- Delete honors equivalent footnote
- Add graduation footnote

Rationale: BIOL 130 is no longer required for BIOL 140. BIOL 140 is more suited to the pre-professional program. The math placement footnote is no longer needed due to admissions and prerequisite requirements. The honors equivalent footnote is no longer needed since the honors options are listed in the showcase. The graduation requirements are already specified in the catalog under the general CASNR heading, but the department would like to include them here for clarity. Impact on other units: None. Financial impact: None.

IMPORTANT: Progression vs. UTracK Requirements
Universal Tracking (UTracK) is an academic monitoring system designed to help students stay on track for timely graduation. UTracK requirements only affect first-time, first-year, full-time, degree-seeking students entering Fall 2013. Returning, readmitted and transfer students will be required to follow the progression requirements defined by the college and department of their intended major.

PROGRESSION POLICIES AND REQUIREMENTS (for returning students)
Progression of students to departmental upper-division courses is competitive and is based on the space available in the department. Factors considered include overall grade point average, performance in selected lower-division courses and evidence of satisfactory and orderly progress through the prescribed curriculum.

UTRACK REQUIREMENTS (for first-year students)
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.

Academic Plan

Term 1	Hours
CHEM 120* or CHEM 128*	4
EF 105	1
EF 151* or EF 157*	4
ENGL 101* or ENGL 118*	3
MATH 141* or MATH 147*	4
	16

Term 2	
BSE 104	1
CHEM 130* or CHEM 138*	4
EF 152* or EF 158*	4
ENGL 102*	3
MATH 142* or MATH 148*	4
ME 202	2
	18

Term 3	
BSE 201, BSE 221, BSE 231	7
MATH 241 or MATH 247	4
ME 231, ME 331	6
	17

Term 4	
BIOL 140* or BIOL 148*	4
BSE 321	3

Milestone Notes

Term 1
MATH 130 or higher or one Arts and Humanities*, Cultures and Civilizations*, or Social Sciences* Elective

Term 2
MATH 130 or higher

Term 3
EF 151* or PHYS 135*

Term 4
EF 152* or PHYS 136*

CHEM 350 or CHEM 358	3	
MATH 231	3	
ME 321	3	
	16	

Term 5		**Term 5**
AE 341 or AE 347	3	CBE 201 or COSC 102* or ME 202 or MSE 201
ECE 301	3	
ENGL 360*	3	
MATH 200	1	
PHIL 244*	3	
STAT 251	3	
	16	

Term 6		**Term 6**
BSE 411, BSE 431, BSE 451	10	No milestones
CHEM 360 or CHEM 368	3	
CHEM 369	2	
	15	

Term 7		**Term 7**
AREC 201*, ECON 201*, or ECON 207*	4	Apply to graduate[2]
BSE 401*, BSE 404, BSE 444	7	
[1]Cultures and Civilizations Elective*	3	
	14	

Term 8		**Term 8**
[1]Arts and Humanities Elective*	3	No milestones
[1]Cultures and Civilizations Elective*	3	
BSE 402	6	
[1]Social Sciences Elective*	3	
	15	
TOTAL	**127**	

* Meets University General Education Requirement.
[1] Chosen from the University General Education list after consultation with advisor.
[2] Graduation requirements: a) achieve at least a 2.0 GPA in all BSE courses; b) only one BSE course with a grade of C-, D+, or D may be used towards graduation; c) no BSE course with a grade of D- or F may be used for graduation.

REVISE ENVIRONMENTAL AND SOIL SCIENCES MAJOR— AGRICULTURAL SYSTEMS TECHNOLOGY CONCENTRATION

- Add introductory program text for UTracK
- Drop AGNR 290 (3 hrs)
- Replace ESS 324 (3 hrs) with ESS 424 (3 hrs)
- Replace ESS 334 (3 hrs) with technical elective (2 hrs)

Rationale: AGNR 290 was dropped because it is no longer required for CASNR. ESS 324 was renumbered to ESS 424. One hour was cut to bring the program to 120 total hours. Impact on other units: None. Financial impact: None.

UTracK Requirements (for first-year students)
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 first-time, first-year, full-time, degree-seeking students entering Fall 2013. Returning, readmitted and transfer students will continue to follow the same program requirements outlined in their selected catalog.

Academic Plan		**Milestone Notes**
Term 1	**Hours**	**Term 1**
BIOL 111*	4	MATH 130 or higher or one Arts and Humanities*, Cultures and Civilizations*, or Social Sciences* Elective
CHEM 120* or CHEM 128*	4	
ENGL 101* or ENGL 118*	3	
MATH 151*	3	
	14	

Term 2		**Term 2**
BIOL 112*	4	MATH 130 or higher
CHEM 130* or CHEM 138*	4	
ENGL 102*	3	
MATH 152*	3	
[1]Social Sciences Elective*	3	
	17	

Term 3		**Term 3**
ACCT 200 or ACCT 207	3	CHEM 120* or MATH 151*
AREC 201*	4	
CMST 210*, CMST 217*, CMST 240*, or CMST 247*	3	
PHYS 221*	4	
	14	

Term 4		**Term 4**
AREC 212	3	CHEM 120* and MATH 151*
[1]Arts and Humanities Elective*	3	
[1]Cultures and Civilizations Elective*	3	
ESS 210	4	
STAT 201* or STAT 207*	3	
	16	

Term 5		**Term 5**
AREC 350 or AREC 355	3	CHEM 130*
BSET 412	3	
EPP 313	3	
PLSC 457	3	
[2]Technical Elective	2	
	14	

Term 6		**Term 6**
BSET 326	3	No milestones
[1]Cultures and Civilizations Elective*	3	
ENGL 295* or ENGL 360*	3	
EPP 321	3	
ESS 424	3	
	15	

Term 7		**Term 7**
AREC 412	3	Apply to graduate
BSET 414, BSET 434, BSET 474	9	
[2]Technical Elective	3	
	15	

Term 8		**Term 8**
[1]Arts and Humanities Elective*	3	No milestones
BSET 432, BSET 462	6	
[2]Technical Electives	6	
	15	
TOTAL	**120**	

* Meets University General Education Requirement.
[1] Chosen from the University General Education list.
[2] Note that some electives have required prerequisites. See individual course descriptions for specific information. ALEC 450; AREC 315, AREC 342, AREC 355; BSET 202, BSET 452; EPP 325, EPP 410; ESS 442, ESS 444, ESS 462; IE 304, IE 423; MARK 300; MGT 201; PLSC 240, PLSC 410*, PLSC 430, PLSC 434, PLSC 435.

REVISE ENVIRONMENTAL AND SOIL SCIENCES MAJOR—CONSERVATION AGRICULTURE AND ENVIRONMENTAL SUSTAINABILITY CONCENTRATION

- Add introductory program text for UTracK
- Replace AGNR 290 (3 hrs) with AGNR 291 (1 hr) and AGNR 292 (1 hr)

- Remove CHEM 120-130 as an option with CHEM 100-110
- Remove MATH 151-152 as an option with MATH 123-125
- Add BIOL 101-102 as an option with BIOL 111-112
- Add ECON 201 as an option with AREC 201
- Replace ESS 324 (3 hrs) with ESS 424 (3 hrs)
- Drop BCMB 404 and PLSC 465 from technical elective options
- Drop AREC 470 (3 hrs)
- Add Unrestricted Elective (1 hr)

Rationale: AGNR 290 was replaced with AGNR 291 and AGNR 292. The chemistry change better meets the needs of students. ESS 324 was renumbered to ESS 424. BCMB 404 and PLSC 465 were dropped this year. AREC 470 (3 cr) was dropped and a one-credit Unrestricted Elective added to bring the program to 120 total hours. This concentration is more related to management than science, so the business math sequence of 123-125 would be more applicable than Math for the Life Sciences sequence 151-152. Impact on other units: None. Financial impact: None.

UTracK Requirements (for first-year students)
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 first-time, first-year, full-time, degree-seeking students entering Fall 2013. Returning, readmitted and transfer students will continue to follow the same program requirements outlined in their selected catalog.

Academic Plan

Term 1	**Hours**
AGNR 100, AGNR 291	2
BIOL 101* or BIOL 111*	4
CHEM 100*	4
ENGL 101* or ENGL 118*	3
MATH 123*	3
	16

Term 2	
BIOL 102* or BIOL 112*	4
CHEM 110*	4
ENGL 102*	3
MATH 125*	3
	14

Term 3	
AGNR 292	1
AREC 201* or ECON 201*	4
ESS 120*, ESS 210	7
GEOL 101* or GEOL 107*	4
	16

Term 4	
[1]Arts and Humanities Elective*	3
AREC 212	3
ESS 220*	3
PLSC 275	3
STAT 201* or STAT 207*	3
	15

Term 5	
ACCT 200 or ACCT 207	3
EPP 313	3
ESS 334	3
PLSC 457	3
[1]Social Sciences Elective*	3
	15

Term 6	
[1]Communicating through Writing Elective*	3
EPP 321	3
ESS 301*, ESS 424	4
ESS 444 or ESS 454	3
[2]Technical Elective	3
	16

Term 7	
BSET 412	3
ESS 442, ESS 462	6

Milestone Notes

Term 1
2.0 cumulative GPA

Term 2
ENGL 101*

Term 3
MATH 123* or MATH 125*

Term 4
CHEM 100*

Term 5
ESS 210

Term 6
No milestones

Term 7
Apply to graduate

PLSC 415 or PLSC 435	3	
[2]Technical Elective	3	
	15	

Term 8		**Term 8**
AREC 342 or AREC 350	3	No milestones
[1]Arts and Humanities Elective*	3	
BSET 432 or BSET 462	3	
[3]Unrestricted Elective	1	
[2]Technical Elective	3	
	13	
TOTAL	**120**	

* Meets University General Education Requirement.
[1] Chosen from the University General Education list.
[2] Note that some electives have required prerequisites. See individual course descriptions in the catalog for specific information. ANSC 220, ANSC 280*, ANSC 320, ANSC 330, ANSC 380; BCMB 311, BCMB 321, BCMB 401, BCMB 402, BCMB 471, BCMB 481; BIOL 240, BIOL 250; Biosystems Engineering Technology (any course not required for the major); CHEM 230, CHEM 310, CHEM 319, CHEM 320, CHEM 329, CHEM 350, CHEM 360, CHEM 369, CHEM 430, CHEM 439, CHEM 471, CHEM 481; EEB 240, EEB 304, EEB 305, EEB 330, EEB 370, EEB 414, EEB 421, EEB 424, EEB 433, EEB 470, EEB 474, EEB 484, EEB 495; EPP 313, EPP 321; Environmental and Soil Sciences (any course not required for the major); FDST 421, FDST 429; FORS 314, FORS 321*; FWF 250*, FWF 312*, FWF 313, FWF 317, FWF 320, FWF 420; GEOG 101*, GEOG 131*, GEOG 132*, GEOG 310, GEOG 334, GEOG 410, GEOG 411, GEOG 413, GEOG 414, GEOG 434, GEOG 436, GEOG 439; GEOL 102*, GEOL 103*, GEOL 201*, GEOL 202*, GEOL 203*, GEOL 310, GEOL 370, GEOL 450, GEOL 455, GEOL 485; JREM 450*, JREM 451*; MICR 210*, MICR 310, MICR 319, MICR 410, MICR 411, MICR 470; PHYS 222*; PLSC 250*, PLSC 415, PLSC 434, PLSC 435, PLSC 457, PLSC 461; POLS 300, POLS 330, POLS 340, POLS 430, POLS 431, POLS 440, POLS 442, POLS 470; SOCI 360, SOCI 465; Statistics (any course above 201).
[3] Any courses not already required for the major.

REVISE ENVIRONMENTAL AND SOIL SCIENCES MAJOR—CONSTRUCTION SCIENCE CONCENTRATION

- Add introductory program text for UTracK
- Drop CHEM 130 (4 hrs)
- Replace ESS 324 (3 hrs) with ESS 424 (3 hrs)
- Change one Arts and Humanities elective (3 hrs) to ARCH 111 (3 hrs)

Rationale: ESS 324 was renumbered to ESS 424. ARCH 111 was included so students better understand the built environment. CHEM 130 was dropped to bring the program to 120 total hours. Impact on other units: None. Financial impact: None.

UTracK Requirements (for first-year students)
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 first-time, first-year, full-time, degree-seeking students entering Fall 2013. Returning, readmitted and transfer students will continue to follow the same program requirements outlined in their selected catalog.

Academic Plan **Milestone Notes**

Term 1	**Hours**	**Term 1**
CHEM 120* or CHEM 128*	4	MATH 130 or higher or one Arts and Humanities*, Cultures and Civilizations*, or Social Sciences* Elective
ENGL 101* or ENGL 118*	3	
GEOL 101* or GEOL 107*	4	
[1]MATH 151*	3	
	14	

Term 2		**Term 2**
ARCH 111*	3	MATH 130 or higher
ENGL 102*	3	
GEOL 102*	4	
[1]MATH 152*	3	
[2]Social Sciences Elective*	3	
	16	

Term 3		**Term 3**
[3]ACCT 200 or ACCT 207	3	CHEM 120* or MATH 151*
BSET 202	3	

CMST 210*, CMST 217*, CMST 240*, or CMST 247*	3	
[3]ECON 201* or ECON 207*	4	
PHYS 221*	4	
	17	
Term 4		**Term 4**
BSET 335	3	CHEM 120* and MATH 151*
[2]Cultures and Civilizations Elective*	3	
ENGL 295* or ENGL 360*	3	
ESS 210	4	
[3]STAT 201* or STAT 207*	3	
	16	
Term 5		**Term 5**
BSET 325, BSET 412, BSET 414	9	Completion of at least 75 credit hours
BULW 301	2	
[3]MGT 201	3	
	14	
Term 6		**Term 6**
BSET 345, BSET 474	6	No milestones
[2]Cultures and Civilizations Elective*	3	
ESS 424	3	
[3]FINC 300	3	
	15	
Term 7		**Term 7**
BSET 355, BSET 435	6	Apply to graduate
ESS 492	6	
[3]MGT 300	3	
	15	
Term 8		**Term 8**
[2]Arts and Humanities Elective*	3	No milestones
BSET 411, BSET 432	4	
IE 423	3	
[3]MARK 300	3	
	13	
TOTAL	**120**	

* Meets University General Education Requirement.
[1] MATH 141*, MATH 142* (or honors equivalents) may be taken for students interested in possibly shifting to an engineering major.
[2] Chosen from the University General Education list after consultation with an advisor. This concentration specifically recommends SPAN 211*, SPAN 212* for the Cultures and Civilizations requirement.
[3] Meets requirements for the minor in Business Administration.

REVISE ENVIRONMENTAL AND SOIL SCIENCES MAJOR—ENVIRONMENTAL SCIENCE CONCENTRATION

- Add introductory program text for UTracK
- Replace AGNR 290 (3 hrs) with AGNR 291 (1 hr) and AGNR 292 (1 hr)
- Replace ESS 324 (3 hrs) with ESS 424 (3 hrs)
- Drop Unrestricted Electives (2-3 hrs)
- Drop BCMB 404 and PLSC 465 from technical elective options
- Reduce technical electives from 15 hrs to 14 hrs

Rationale: AGNR 290 was replaced with AGNR 291 and AGNR 292. ESS 324 was renumbered to ESS 424. BCMB 404 and PLSC 465 were dropped this year. Unrestricted Electives were dropped and technical electives were reduced to bring the program to 120 total hours. Impact on other units: None. Financial impact: None.

UTracK Requirements (for first-year students)
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 first-time, first-year, full-time, degree-seeking students entering Fall 2013. Returning, readmitted and transfer students will continue to follow the same program requirements outlined in their selected catalog.

Academic Plan		Milestone Notes
Term 1	**Hours**	**Term 1**
[1]Arts and Humanities Elective*	3	2.0 cumulative GPA
BIOL 130* or BIOL 138*	4	
ENGL 101* or ENGL 118*	3	
ESS 120*	3	
MATH 151*	3	
	16	
Term 2		**Term 2**
CHEM 120* or CHEM 128*	4	ENGL 101*
ENGL 102*	3	
GEOL 101* or GEOL 107*	4	
MATH 152*	3	
	14	
Term 3		**Term 3**
AGNR 291, AGNR 292	2	One Arts and Humanities*, Cultures and Civilizations*, or Social Sciences* Elective
BIOL 140* or BIOL 148*	4	
CHEM 130* or CHEM 138*	4	
ESS 210	4	
	14	
Term 4		**Term 4**
AREC 201* or ECON 201* or ECON 207*	4	CHEM 120* or MATH 151*
[1]Arts and Humanities Elective*	3	
BIOL 250	4	
PHYS 221*	4	
	15	
Term 5		**Term 5**
[1]Cultures and Civilizations Elective*	3	ESS 210
ESS 334	3	
PHIL 346*	3	
[1]Social Sciences Elective*	3	
STAT 201* or STAT 207* or PLSC 461	3	
	15	
Term 6		**Term 6**
BSET 326	3	No milestones
CHEM 110* or CHEM 350	3-4	
ESS 424, ESS 454	6	
[2]Technical Elective	3	
	15-16	
Term 7		**Term 7**
AREC 445 or AREC 470 or AREC 472 or ECON 362	3	Apply to graduate
BSET 412 or BSET 474	3	
ESS 434, ESS 462	6	
[2]Technical Elective	3	
	15	
Term 8		**Term 8**
EEB 404 or EEB 470	3	No milestones
ESS 301*, ESS 444	4	
[2]Technical Electives	8-9	
	15-16	
TOTAL	**120**	

* Meets University General Education Requirement.

[1] Chosen from the University General Education list.

[2] Note that some electives have required prerequisites. See individual course descriptions in the catalog for specific information. ANSC 220, ANSC 280*, ANSC 320, ANSC 330, ANSC 380; BCMB 311, BCMB 321, BCMB 401, BCMB 402, BCMB 471, BCMB 481; BIOL 240, BIOL 250; Biosystems Engineering Technology (any course not required for the major); CHEM 230, CHEM 310, CHEM 319, CHEM 320, CHEM 329, CHEM 350, CHEM 360, CHEM 369, CHEM 430, CHEM 439, CHEM 471, CHEM 481; EEB 240, EEB 304, EEB 305, EEB 330, EEB 370, EEB 414, EEB 421, EEB 424, EEB 433, EEB 470, EEB 474, EEB 484, EEB 495; Environmental and Soil Sciences (any course not required for the major); EPP 313, EPP 321; FDST 421, FDST 429; FORS 314, FORS 321*; FWF 250*, FWF 312*, FWF 313, FWF 317, FWF 320, FWF 420; GEOG 101*, GEOG 131*, GEOG 132*, GEOG 310, GEOG 334, GEOG 410, GEOG 411, GEOG 413,GEOG 414, GEOG 415, GEOG 434, GEOG 436, GEOG 439;GEOL 102*, GEOL

103*, GEOL 201*, GEOL 202*, GEOL 203*, GEOL 310, GEOL 370, GEOL 450,GEOL 455, GEOL 485;JREM 450*,JREM 451*; MICR 210*, MICR 310, MICR 319, MICR 410, MICR 411, MICR 470; PHYS 222*; PLSC 250*, PLSC 415, PLSC 434, PLSC 435, PLSC 457, PLSC 461; POLS 300, POLS 330, POLS 340, POLS 430, POLS 431, POLS 440, POLS 442, POLS 470; SOCI 360, SOCI 465; Statistics (any course above 201).

REVISE ENVIRONMENTAL AND SOIL SCIENCES MAJOR—LAND SURVEYING CONCENTRATION

- Add introductory program text for UTracK
- Drop AGNR 290 (3 hrs)
- Drop MATH 202 (3 hrs)
- Drop CE 442 (3 hrs)
- Replace ESS 324 (3 hrs) with ESS 424 (3 hrs)
- Replace two cultures and civilizations electives (6 hrs) with ESS 120 (3 hrs) and ESS 220 (3 hrs)
- Add GEOG 310 (3 hrs) and remove from footnote three
- Removed CE courses from technical electives footnote (restricted to civil engineering majors only)
- Increase technical electives from 18 hrs to 20 hrs

Rationale: AGNR 290 was dropped because it is no longer required for CASNR. ESS 324 was renumbered to ESS 424. MATH 202 was dropped because the material covered in the class was no longer relevant to this major. CE 442 was dropped (restricted to Civil and Env. Engineering majors only). GEOG 310 was added because cartography is very important in surveying. Impact on other units: None. Financial impact: None.

UTracK Requirements (for first-year students)
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 first-time, first-year, full-time, degree-seeking students entering Fall 2013. Returning, readmitted and transfer students will continue to follow the same program requirements outlined in their selected catalog.

Academic Plan		Milestone Notes
Term 1	**Hours**	**Term 1**
BIOL 111*	4	MATH 130 or higher or one Arts and Humanities*, Cultures and Civilizations*, or Social Sciences* Elective
CHEM 120* or CHEM 128*	4	
ENGL 101* or ENGL 118*	3	
[1]MATH 151*	3	
	14	
Term 2		**Term 2**
BIOL 112*	4	MATH 130 or higher
CHEM 130* or CHEM 138*	4	
ENGL 102*	3	
[1]MATH 152*	3	
[2]Social Sciences Elective*	3	
	17	
Term 3		**Term 3**
AREC 201* or ECON 201* or ECON 207*	4	CHEM 120* or MATH 151*
[2]Arts and Humanities Elective*	3	
CMST 210*, CMST 217*, CMST 240*, or CMST 247*	3	
ESS 120*	3	
PHYS 221*	4	
	17	
Term 4		**Term 4**
ESS 210, ESS 220*	7	CHEM 120* and MATH 151*
FWF 212	3	
GEOG 310	3	
STAT 201* or STAT 207*	3	
	16	
Term 5		**Term 5**
BSET 412	3	CHEM 130*
FWF 313	2	

[3]Technical Electives	6	
[4]Unrestricted Electives	3	
	14	

Term 6		**Term 6**
BSET 326	3	No milestones
ENGL 360*	3	
ESS 301*	1	
[3]Technical Elective	3	
[4]Unrestricted Elective	3	
	13	

Term 7		**Term 7**
BSET 414, BSET 434, BSET 474	9	Apply to graduate
[3]Technical Electives	5	
	14	

Term 8		**Term 8**
[2]Arts and Humanities Elective*	3	No milestones
ESS 424	3	
IE 423	3	
[3]Technical Electives	6	
	15	
TOTAL	**120**	

* Meets University General Education Requirement.
[1] MATH 141*, MATH 142* (or honors equivalents) may be taken for students interested in possibly shifting to an engineering major.
[2] Chosen from the University General Education list after consultation with an advisor.
[3] Chosen after consultation with an advisor.
[4] Any courses not already required for the major.

REVISE ENVIRONMENTAL AND SOIL SCIENCES MAJOR—OFF-ROAD VEHICLE TECHNOLOGY CONCENTRATION

- Add introductory program text for UTracK
- Drop AGNR 290 (3 hrs)
- Add BSET 325 (3 hrs)
- Replace ESS 324 (3 hrs) with ESS 424 (3 hrs)
- Reduce technical electives from 18 hrs to 12 hrs
- Add 2 hrs Unrestricted Electives

Rationale: AGNR 290 was dropped because it is no longer required for CASNR. ESS 324 was renumbered to ESS 424. BSET 325 was added as a new course in the soil mechanics of construction. Technical electives were reduced to bring the program to 120 total hours. Impact on other units: None. Financial impact: None.

UTracK Requirements (for first-year students)
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 first-time, first-year, full-time, degree-seeking students entering Fall 2013. Returning, readmitted and transfer students will continue to follow the same program requirements outlined in their selected catalog.

Academic Plan		**Milestone Notes**
Term 1	**Hours**	**Term 1**
BIOL 111* or GEOL 101* or GEOL 107*	4	MATH 130 or higher or one Arts and Humanities*, Cultures and Civilizations*, or Social Sciences* Elective
CHEM 120* or CHEM 128*	4	
ENGL 101* or ENGL 118*	3	
[1]MATH 151*	3	
	14	

Term 2		**Term 2**
BIOL 112* or GEOL 102*	4	MATH 130 or higher
CHEM 130* or CHEM 138*	4	
ENGL 102*	3	

[1]MATH 152*	3	
[2]Social Sciences Elective*	3	
	17	
Term 3		**Term 3**
AREC 201* or ECON 201* or ECON 207*	4	CHEM 120* or MATH 151*
BSET 202	3	
CMST 210*, CMST 217*, CMST 240*, or CMST 247*	3	
PHYS 221*	4	
	14	
Term 4		**Term 4**
[2]Arts and Humanities Elective*	3	CHEM 120* and MATH 151*
ESS 210	4	
FWF 250*	3	
STAT 201* or STAT 207*	3	
[4]Unrestricted Elective	2	
	15	
Term 5		**Term 5**
BSET 325, BSET 412	6	CHEM 130*
[2]Cultures and Civilizations Elective*	3	
FORS 321*	3	
[3]Technical Elective	3	
	15	
Term 6		**Term 6**
BSET 326	3	No milestones
[2]Cultures and Civilizations Elective*	3	
ENGL 295* or ENGL 360*	3	
ESS 424	3	
[3]Technical Elective	3	
	15	
Term 7		**Term 7**
BSET 414, BSET 434, BSET 474	9	Apply to graduate
GEOG 410	3	
[3]Technical Elective	3	
	15	
Term 8		**Term 8**
[2]Arts and Humanities Elective*	3	No milestones
BSET 432, BSET 452, BSET 462	9	
[3]Technical Elective	3	
	15	
TOTAL	**120**	

* Meets University General Education Requirement.
[1] MATH 141*, MATH 142* (or honors equivalents) may be taken for students interested in possibly shifting to an engineering major.
[2] Chosen from the University General Education list after consultation with an advisor.
[3] Chosen from the following list or from alternatives after consultation with advisor. Note that some electives have required prerequisites. See individual course descriptions for specific information. AREC 444; FWF 416; IE 304, IE 423, or other technical courses chosen with approval of academic advisor.
[4] Any courses not already required for the major.

REVISE ENVIRONMENTAL AND SOIL SCIENCES MAJOR—SOIL SCIENCE CONCENTRATION

- Add introductory program text for UTracK
- Replace AGNR 290 (3 hrs) with AGNR 291 (1 hr) and AGNR 292 (1 hr)
- Replace ESS 324 (3 hrs) with ESS 424 (3 hrs)
- Reduce Unrestricted Electives from 5-6 hrs to 2-3 hrs

- Drop BCMB 404 PLSC 465 from technical elective options
- Adjust technical elective options

Rationale: AGNR 290 was replaced by AGNR 291 and AGNR 292. ESS 324 was renumbered to ESS 424. BCMB 404 and PLSC 465 were dropped this year, and Unrestricted Electives were reduced to bring the program to 120 total hours. Impact on other units: None. Financial impact: None.

UTracK Requirements (for first-year students)

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 first-time, first-year, full-time, degree-seeking students entering Fall 2013. Returning, readmitted and transfer students will continue to follow the same program requirements outlined in their selected catalog.

Academic Plan		Milestone Notes
Term 1	**Hours**	**Term 1**
[1]Arts and Humanities Elective*	3	2.0 cumulative GPA
BIOL 111* or BIOL 130* or BIOL 138*	4	
ENGL 101* or ENGL 118*	3	
ESS 120*	3	
MATH 151*	3	
	16	
Term 2		**Term 2**
CHEM 120* or CHEM 128*	4	ESS 120*
ENGL 102*	3	
GEOL 101* or GEOL 107*	4	
MATH 152*	3	
	14	
Term 3		**Term 3**
AGNR 291, AGNR 292	2	ENGL 101*
BIOL 112* or BIOL 140* or BIOL 148*	4	
CHEM 130* or CHEM 138*	4	
ESS 210	4	
	14	
Term 4		**Term 4**
AREC 201* or ECON 201* or ECON 207*	4	CHEM 120*
[1]Arts and Humanities Elective*	3	
CHEM 110* or CHEM 350	3-4	
PHYS 221*	4	
	14-15	
Term 5		**Term 5**
[1]Cultures and Civilizations Elective*	3	ESS 210
ESS 334	3	
PHIL 346*	3	
[1]Social Sciences Elective*	3	
STAT 201* or STAT 207*	3	
	15	
Term 6		**Term 6**
BSET 326 or BSET 412	3	No milestones
CHEM 310, CHEM 319	4	
ESS 424, ESS 454	6	
PLSC 250*	3	
	16	
Term 7		**Term 7**
AREC 470 or ECON 362	3	Apply to graduate
ESS 434, ESS 442, ESS 462	9	
[2]Technical Elective	3	
	15	
Term 8		**Term 8**
ESS 301*, ESS 444	4	No milestones
[2]Technical Electives	9	
[3]Unrestricted Electives	2-3	
	15-16	
TOTAL	**120**	

* Meets University General Education Requirement.

[1] Chosen from the University General Education list.

[2] Note that some electives have required prerequisites. See individual course descriptions in the catalog for specific information. ANSC 220, ANSC 280*, ANSC 320, ANSC 330, ANSC 380; BCMB 311, BCMB 321, BCMB 401, BCMB 402, BCMB 471, BCMB 481; BIOL 240, BIOL 250; Biosystems Engineering Technology (any course not required for the major); CHEM 230, CHEM 310, CHEM 319, CHEM 320, CHEM 329, CHEM 350, CHEM 360, CHEM 369, CHEM 430, CHEM 439, CHEM 471, CHEM 481; EEB 240, EEB 304, EEB 305, EEB 330, EEB 370, EEB 414, EEB 421, EEB 424, EEB 433, EEB 470, EEB 474, EEB 484, EEB 495; Environmental and Soil Sciences (any course not required for the major); EPP 313, EPP 321; FDST 421, FDST 429; FORS 314, FORS 321*; FWF 250*, FWF 312*, FWF 313, FWF 317, FWF 320, FWF 420; GEOG 101*, GEOG 131*, GEOG 132*, GEOG 310, GEOG 334, GEOG 410, GEOG 411, GEOG 413, GEOG 414, GEOG 415, GEOG 434, GEOG 436, GEOG 439; GEOL 102*, GEOL 103*, GEOL 201*, GEOL 202*, GEOL 203*, GEOL 310, GEOL 370, GEOL 450, GEOL 455, GEOL 485; JREM 450*, JREM 451*; MICR 210*, MICR 310, MICR 319, MICR 410, MICR 411, MICR 470; PHYS 222*; PLSC 250*, PLSC 415, PLSC 434, PLSC 435, PLSC 457, PLSC 461; POLS 300, POLS 330, POLS 340, POLS 430, POLS 431, POLS 440, POLS 442, POLS 470; SOCI 360, SOCI 465; Statistics (any course above 201).
[3] Any courses not already required for the major.

REVISE ENVIRONMENTAL AND SOIL SCIENCES MINOR

Minor Requirements
The minor consists of 19 credit hours.

Complete:
- ESS 210 - Introduction to Soil Science
- ~~ESS 324 - Soil and Water Conservation~~
- ESS 334 - Soil Nutrient Management and Fertilizers
- ESS 424 - Soil and Water Conservation

Select 9 hours:
- any additional 300-400 level ESS and/or BSET courses

Rationale: ESS 324 was renumbered to ESS 424. Impact on other units: None. Financial impact: None.

DEPARTMENT OF ENTOMOLOGY AND PLANT PATHOLOGY

REVISE ENTOMOLOGY AND PLANT PATHOLOGY MINOR

Minor Requirements
The minor consists of 15 ~~16~~ credit hours.

Select 15 ~~16~~ hours:
- EPP 201 - Impact of Insects and Plant Diseases on Human Societies*
- EPP 313 - Plant Pathology
- EPP 321 - Economic Entomology
- EPP 325 - Veterinary Entomology
- EPP 410 - Diseases and Insects of Ornamental Plants
- EPP 411 - Forest Insects and Diseases
- EPP 493 - Independent Study in Entomology or Plant Pathology

Rationale: All EPP classes on the list for the minor are 3 credits; therefore, 15 credit hours is more reasonable than 16. Impact on other units: None. Financial impact: None.

DEPARTMENT OF FOOD SCIENCE AND TECHNOLOGY

REVISE FOOD SCIENCE AND TECHNOLOGY MAJOR—PRE-PHARMACY CONCENTRATION

- Add introductory program text for UTracK
- Drop MATH 151 as an option with MATH 125 or MATH 141
- Change STAT 201 or QR course to STAT 201 or MATH 115
- Replace MICR 210 or higher (3 hrs) with MICR 310 (3 hrs)
- Replace FDST 101 (3 hrs) with FDST 100 (3 hrs)
- Change Cultures and Civilizations Elective (3 hrs) to FDST 150 or other Cultures and Civilizations Elective (3 hrs)
- Add FDST 428 (3 hrs) as an option with FDST 421 (3 hrs)
- Add FDST 418 (4 hrs) as an option with FDST 410 (4 hrs)
- Update FDST elective options

Rationale: FDST 101 was renumbered to FDST 100. FDST 150 was recently approved as a Cultures and Civilizations course. Honors course options were incorporated. Impact on other units: None. Financial impact: None.

UTracK Requirements (for first-year students)

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 first-time, first-year, full-time, degree-seeking students entering Fall 2013. Returning, readmitted and transfer students will continue to follow the same program requirements outlined in their selected catalog.

Academic Plan		Milestone Notes
Term 1	**Hours**	**Term 1**
BIOL 130* or BIOL 138*	4	2.7 cumulative GPA
ENGL 101* or ENGL 118*	3	
FDST 100	3	
[1]MATH 125* or MATH 141* or MATH 147*	3-4	
[2]Unrestricted Elective	1	
	14-15	
Term 2		**Term 2**
BIOL 140* or BIOL 148*	4	2.7 cumulative GPA
CHEM 120* or CHEM 128*	4	
ENGL 102*	3	
[3]FDST 150* or other Cultures and Civilizations Elective*	3	
[3]Social Sciences Elective*	3	
	17	
Term 3		**Term 3**
[4]BIOL 240	4	3.0 cumulative GPA
CHEM 130* or CHEM 138*	4	BIOL 130* or CHEM 120*
FDST 241	3	ENGL 102*
NUTR 100*	3	
[3]Social Sciences Elective*	3	
	17	
Term 4		**Term 4**
[3]Arts and Humanities Elective*	3	3.0 cumulative GPA
[4]BCMB 230	5	BIOL 140* OR CHEM 130*
CHEM 350	3	FDST 100
[3]Communicating Orally Elective*	3	
FDST 201	1	
	15	
Term 5		**Term 5**
[3]Arts and Humanities Elective*	3	FDST 241
CHEM 360, CHEM 369	5	MATH 125* or MATH 141*
[4]EEB 240	4	
MATH 115* or STAT 201* or STAT 207*	3	
	15	
Term 6		**Term 6**
FDST 410 or FDST 418	4	No milestones
MICR 310	3	
[4]PHYS 221*	4	
[2]Unrestricted Elective	3	
	14	
Term 7		**Term 7**
[4]BCMB 401	4	Apply to graduate
[3]Cultures and Civilizations Elective*	3	
FDST 429	2	
FDST 421 or FDST 428	3	
[5]FDST Elective	3	
	15	
Term 8		**Term 8**
[4]BCMB 402	4	No milestones
[5]FDST Electives	6	
[4]MICR 430	3	
	13	
TOTAL	**120**	

* Meets University General Education Requirement.

[1] Mathematics placement depends on high school courses and grades and ACT scores.

[2] Any courses not already required for the major.
[3] Chosen from the University General Education list. Students must complete one Communicating Orally course (CMST 210*, CMST 217*, CMST 240*, or CMST 247* recommended), and two courses from each of the following categories—Arts and Humanities, Social Sciences (PSYC 110* or PSYC 117* recommended), and Cultures and Civilizations. One of these courses must also be a Communicating through Writing course.
[4] These courses meet pre-pharmacy requirements for UT-Memphis. PHYS 222* is not required but may be for other pharmacy programs.
[5] Chosen from FDST 150*, FDST 240, FDST 269, FDST 390, FDST 415, FDST 430, FDST 441, FDST 442, FDST 445, FDST 461, FDST 462, FDST 495 or FDST 493 (maximum of 3 hours).

REVISE FOOD SCIENCE AND TECHNOLOGY MAJOR—PRE-PHARMACY 3+1 CONCENTRATION

- Add introductory program text for UTracK
- Drop MATH 151 as an option with MATH 125 or MATH 141
- Change STAT 201 or QR course to STAT 201 or MATH 115
- Replace MICR 210 or higher (3 hrs) with MICR 310 (3 hrs)
- Replace FDST 101 (3 hrs) with FDST 100 (3 hrs)
- Change Cultures and Civilizations Elective (3 hrs) to FDST 150 or other Cultures and Civilizations Elective (3 hrs)
- Add FDST 428 (3 hrs) as an option with FDST 421 (3 hrs)
- Add FDST 418 (4 hrs) as an option with FDST 410 (4 hrs)

Rationale: FDST 101 was renumbered to FDST 100. FDST 150 was recently approved as a Cultures and Civilizations course. Honors course options were incorporated. Impact on other units: None. Financial impact: None.

UTracK Requirements (for first-year students)
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 first-time, first-year, full-time, degree-seeking students entering Fall 2013. Returning, readmitted and transfer students will continue to follow the same program requirements outlined in their selected catalog.

Academic Plan

Term 1	**Hours**
BIOL 130* or BIOL 138*	4
CHEM 120* or CHEM 128*	4
ENGL 101* or ENGL 118*	3
FDST 100	3
[1]MATH 125*or MATH 141* or MATH 147*	3-4
	17-18
Term 2	
BIOL 140* or BIOL 148*	4
CHEM 130* or CHEM 138*	4
ENGL 102*	3
[2]FDST 150* or other Cultures and Civilizations Elective*	3
[2]Social Sciences Elective*	3
	17
Term 3	
[3]BIOL 240	4
CHEM 350	3
FDST 241	3
MICR 310	3
[2]Social Sciences Elective*	3
	16
Term 4	
[2]Arts and Humanities Elective*	3
[3]BCMB 230	5
CHEM 360, CHEM 369	5
[2]Communicating Orally Elective*	3
FDST 201	1
	17
Term 5	
[2]Arts and Humanities Elective*	3

Milestone Notes

Term 1
2.7 cumulative GPA
Term 2
2.7 cumulative GPA
BIOL 130* or CHEM 120*
Term 3
3.0 cumulative GPA
One Arts and Humanities*, Cultures and Civilizations*, or Social Sciences* Elective
BIOL 140* or CHEM 130*
ENGL 102*
MATH 125* or MATH 141*
Term 4
3.0 cumulative GPA
FDST 100
Term 5
FDST 241

[3]BCMB 401	4	
[3]EEB 240	4	
FDST 429	2	
FDST 421 or FDST 428	3	
MATH 115* or STAT 201* or STAT 207*	3	
	19	

Term 6		**Term 6**
[3]BCMB 402	4	No milestones
[2]Cultures and Civilizations Elective*	3	
FDST 410 or FDST 418	4	
[3]MICR 430	3	
[3]PHYS 221*	4	
	18	

This curriculum meets the requirements for entrance to the UT pharmacy program in Memphis. 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-pharmacy concentration.

Term 7		**Term 7**
UT Professional School		Apply to graduate
Term 8		**Term 8**
UT Professional School		No milestones
TOTAL	**120**	

* Meets University General Education Requirement.
[1] Mathematics placement depends on high school courses and grades and ACT scores.
[2] Chosen from the University General Education list. Students must complete one Communicating Orally course (CMST 210*, CMST 217*, CMST 240*, or CMST 247* recommended), and two courses from each of the following categories—Arts and Humanities, Social Sciences (PSYC 110* or PSYC 117* recommended), and Cultures and Civilizations. One of these courses must also be a Communicating through Writing course.
[3] These courses meet pre-pharmacy requirements for UT-Memphis. PHYS 222* is not required but may be for other pharmacy programs.

REVISE FOOD SCIENCE AND TECHNOLOGY MAJOR—PRE-PROFESSIONAL CONCENTRATION

- Add introductory program text for UTracK
- Drop MATH 151 as an option with MATH 125 or MATH 141
- Change STAT 201 or QR course to STAT 201 or MATH 115
- Add MICR 310 (3 hrs) and MICR 319 (2 hrs) as an option with MICR 210 (3 hrs)
- Replace FDST 101 (3 hrs) with FDST 100 (3 hrs)
- Change one Cultures and Civilizations Elective (3 hrs) to FDST 150* (3 hrs)
- Add FDST 428 (3 hrs) as an option with FDST 421 (3 hrs)
- Add FDST 418 (4 hrs) as an option with FDST 410 (4 hrs)
- Reduce Unrestricted Electives from 7-8 hrs to 6-8 hrs
- Update directed pre-professional elective options
- Update FDST elective options

Rationale: FDST 101 was renumbered to FDST 100. FDST 150 was recently approved as a Cultures and Civilizations course. Honors course options and other new courses were incorporated. Unrestricted Electives were reduced to keep the program at 120 total hours. Impact on other units: None. Financial impact: None.

UTracK Requirements (for first-year students)
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 first-time, first-year, full-time, degree-seeking students entering Fall 2013. Returning, readmitted and transfer students will continue to follow the same program requirements outlined in their selected catalog.

Academic Plan

Term 1	**Hours**
BIOL 130* or BIOL 138*	4
ENGL 101* or ENGL 118*	3

Milestone Notes

Term 1
2.7 cumulative GPA

FDST 100	3	
[1]MATH 125* or MATH 141* or MATH 147*	3	
[2]Unrestricted Elective	1	
	14	
Term 2		**Term 2**
BIOL 140* or BIOL 148*	4	2.7 cumulative GPA
CHEM 120* or CHEM 128*	4	
ENGL 102*	3	
FDST 150*	3	
[3]Social Sciences Elective*	3	
	17	
Term 3		**Term 3**
CHEM 130* or CHEM 138*	4	3.0 cumulative GPA
[4]Directed Pre-Professional Elective	3	BIOL 130* or CHEM 120*
FDST 241	3	ENGL 102*
NUTR 100*	3	
[3]Social Sciences Elective*	3	
	16	
Term 4		**Term 4**
[3]Arts and Humanities Elective*	3	3.0 cumulative GPA
CHEM 350	3	BIOL 140* or CHEM 130*
[3]Communicating Orally Elective*	3	FDST 100
[4]Directed Pre-Professional Elective	4	
FDST 201	1	
	14	
Term 5		**Term 5**
[3]Arts and Humanities Elective*	3	FDST 241
CHEM 360, CHEM 369	5	MATH 125* or MATH 141*
[4]Directed Pre-Professional Elective	4	
MATH 115* or STAT 201* or STAT 207*	3	
	15	
Term 6		**Term 6**
[3]Communicating through Writing Elective*	3	No milestones
[4]Directed Pre-Professional Elective	4	
FDST 410 or FDST 418	4	
MICR 210; or MICR 310 and MICR 319	3 or 5	
	14-16	
Term 7		**Term 7**
[3]Cultures and Civilizations Elective*	3	Apply to graduate
[4]Directed Pre-Professional Elective	3	
FDST 429	2	
FDST 421 or FDST 428	3	
[5]FDST Elective	3	
	14	
Term 8		**Term 8**
[4]Directed Pre-Professional Elective	3	
[5]FDST Electives	6	No milestones
[2]Unrestricted Electives	5-7	
	14-16	
TOTAL	**120**	

* Meets University General Education Requirement.

[1] Mathematics placement depends on high school courses and grades and ACT scores.

[2] Any courses not already required for the major.

[3] Chosen from the University General Education list. Students must complete one Communicating Orally course (CMST 210*, CMST 217*, CMST 240*, or CMST 247* recommended), and two courses from each of the following categories—Arts and Humanities, Social Sciences (PSYC 110* or PSYC 117* recommended), and Cultures and Civilizations. One of these courses must also be a Communicating through Writing course.

[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 FDST 150*, FDST 240, FDST 269, FDST 390, FDST 415, FDST 430, FDST 441, FDST 442, FDST 445, FDST 461, FDST 462, FDST 495 or FDST 493 (maximum of 3 hours).

[5] Chosen from FDST 150*, FDST 240, FDST 269, FDST 390, FDST 415, FDST 430, FDST 441, FDST 442, FDST 445, FDST 461, FDST 462, FDST 495 or FDST 493 (maximum of 3 hours).

REVISE FOOD SCIENCE AND TECHNOLOGY MAJOR—PRE-PROFESSIONAL 3+1 CONCENTRATION

- Add introductory program text for UTracK
- Drop MATH 151 as an option with MATH 125 or MATH 141
- Change STAT 201 or QR course to STAT 201 or MATH 115
- Replace MICR 210 (3 hrs) with MICR 310 (3 hrs)
- Replace FDST 101 (3 hrs) with FDST 100 (3 hrs)
- Change Cultures and Civilizations Elective (3 hrs) to FDST 150 or other Cultures and Civilizations Elective (3 hrs)
- Add FDST 428 (3 hrs) as an option with FDST 421 (3 hrs)
- Add FDST 418 (4 hrs) as an option with FDST 410 (4 hrs)
- Update directed pre-professional elective options

Rationale: FDST 101 was renumbered to FDST 100. FDST 150 was recently approved as a Cultures and Civilizations course. Honors course options and other new courses were incorporated. Unrestricted Electives were reduced to keep the program at 120 total hours. Impact on other units: None. Financial impact: None.

UTracK Requirements (for first-year students)
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 first-time, first-year, full-time, degree-seeking students entering Fall 2013. Returning, readmitted and transfer students will continue to follow the same program requirements outlined in their selected catalog.

Academic Plan

Term 1	**Hours**
BIOL 130* or BIOL 138*	4
CHEM 120* or CHEM 128*	4
ENGL 101* or ENGL 118*	3
FDST 100	3
[1]MATH 125* or MATH 141* or MATH 147*	3
	17

Term 2	
BIOL 140* or BIOL 148*	4
CHEM 130* or CHEM 138*	4
ENGL 102*	3
[2]FDST 150* or other Cultures and Civilizations Elective*	3
[2]Social Sciences Elective*	3
	17

Term 3	
CHEM 350	3
[3]Directed Pre-Professional Elective	3
FDST 241	3
MICR 310	3
[2]Social Sciences Elective*	3
	15

Term 4	
[2]Arts and Humanities Elective*	3
CHEM 360, CHEM 369	5
[2]Communicating Orally Elective*	3
[3]Directed Pre-Professional Elective	3
FDST 201	1
	15

Term 5	
FDST 421 or FDST 428	3
FDST 429	2
MATH 115* or STAT 201* or STAT 207*	3
[3]Directed Pre-Professional Electives	8
	16

Term 6	
[2]Arts and Humanities Elective*	3
[2]Cultures and Civilizations Elective*	3
[3]Directed Pre-Professional Electives	7

Milestone Notes

Term 1
2.7 cumulative GPA

Term 2
2.7 cumulative GPA
BIOL 130* or CHEM 120*

Term 3
3.0 cumulative GPA
One Arts and Humanities*, Cultures and Civilizations*, or Social Sciences* Elective
BIOL 140* or CHEM 130*
ENGL 102*
MATH 125* or MATH 141*

Term 4
3.0 cumulative GPA
FDST 100

Term 5
FDST 241

Term 6
No milestones

FDST 410 or FDST 418	4	
	17	

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.

Term 7		**Term 7**
UT - Professional School		Apply to graduate

Term 8		**Term 8**
UT - Professional School		No milestones
TOTAL	**120**	

* Meets University General Education Requirement.
[1] Mathematics placement depends on high school courses and grades and ACT scores.
[2] Chosen from the University General Education list. Students must complete one Communicating Orally course (CMST 210*, CMST 217*, CMST 240*, or CMST 247* recommended), and two courses from each of the following categories—Arts and Humanities, Social Sciences (PSYC 110* or PSYC 117* recommended), and Cultures and Civilizations. One of these courses must also be a Communicating through Writing course.
[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 FDST 150*, FDST 240, FDST 269, FDST 390, FDST 415, FDST 430, FDST 441, FDST 442, FDST 445, FDST 461, FDST 462, FDST 495 or FDST 493 (maximum of 3 hours).

REVISE FOOD SCIENCE AND TECHNOLOGY MAJOR—SCIENCE CONCENTRATION

- Add introductory program text for UTracK
- Add MATH 141 (4 hrs) and MATH 151 (3 hrs) as options with MATH 125 (3 hrs)
- Add MATH 152 (3 hrs) as an option with MATH 115 (3 hrs) or STAT 201 (3 hrs)
- Add MICR 310 (3 hrs) as an option with MICR 210 (3 hrs)
- Add BCMB 311 (3 hrs) as an option with BCMB 230 (5 hrs) and BCMB 401 (4 hrs)
- Replace FDST 101 (3 hrs) with FDST 100 (3 hrs)
- Change Cultures and Civilizations Elective (3 hrs) to FDST 150 or other Cultures and Civilizations Elective (3 hrs)
- Reduce Unrestricted Electives from 7-8 hrs to 5-6 hrs
- Reworded general education footnote for clarity

Rationale: Additional math, microbiology, and BCMB course options provide flexibility for students. FDST 101 was renumbered to FDST 100. FDST 150 was recently approved as a Cultures and Civilizations course. Unrestricted Electives were reduced to keep the program at 120 total hours. Impact on other units: None. Financial impact: None.

UTracK Requirements (for first-year students)
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 first-time, first-year, full-time, degree-seeking students entering Fall 2013. Returning, readmitted and transfer students will continue to follow the same program requirements outlined in their selected catalog.

Academic Plan		**Milestone Notes**
Term 1	**Hours**	**Term 1**
[1]Biological Sciences Elective*	4	2.0 cumulative GPA
ENGL 101 or ENGL 118*	3	
FDST 100	3	
[2]MATH 125*, MATH 141*, MATH 147*, or MATH 151*	3-4	
[3]Unrestricted Elective	1	
	14-15	
Term 2		**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]FDST 150* or other Cultures and Civilizations Elective*	3	
NUTR 100*	3	
	16	
Term 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 120*
FDST 241	3	One Quantitative Reasoning Elective*
MATH 115*, MATH 152*, STAT 201*, or STAT 207*	3	
MICR 210* or MICR 310	3	
	16	
Term 4		**Term 4**
[4]Arts and Humanities*, Cultures and Civilizations*, or Social Sciences* Elective	3	2.0 cumulative GPA
CHEM 350	3	FDST 100, FDST 241
[4]Communicating Orally Elective*	3	
FDST 201	1	
PHYS 221*	4	
	14	
Term 5		**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*
FDST 390, FDST 430	6	Two Arts and Humanities*, Cultures and Civilizations*, or Social Sciences* Electives
FDST 461 or FDST 462	3	
	17	
Term 6		**Term 6**
[4]Arts and Humanities*, Cultures and Civilizations*, or Social Sciences* Elective	3	No milestones
BCMB 230 or BCMB 311 or BCMB 401	3-5	
[4]Communicating through Writing Elective*	3	
FDST 410	4	
	13-15	
Term 7		**Term 7**
FDST 401, FDST 415, FDST 441	10	Apply to graduate
FDST 421, FDST 429	5	
	15	
Term 8		**Term 8**
FDST 445, FDST 493, FDST 495	9	No milestones
[3]Unrestricted Electives	5-6	
	14-15	
TOTAL	**120**	

* Meets University General Education Requirement.
[1] Chosen from BIOL 101*, BIOL 102*, BIOL 111*, BIOL 112*, BIOL 130*, BIOL 138*.
[2] Mathematics placement depends on high school courses and grades and ACT scores.
[3] Any courses not already required for the major.
[4] Chosen from the University General Education list. Students must complete one Communicating Orally course (CMST 210*, CMST 217*, CMST 240*, or CMST 247* recommended), one Communicating through Writing course, and two courses from each of the following categories—Arts and Humanities, Social Sciences, and Cultures and Civilizations.

◈DROP FOOD SCIENCE AND TECHNOLOGY MAJOR—TECHNOLOGY/BUSINESS CONCENTRATION

◈ADD FOOD SCIENCE AND TECHNOLOGY MAJOR—TECHNOLOGY CONCENTRATION

- Add introductory program text for UTracK
- Change MATH 115 or STAT 201 to Quantitative Reasoning Elective (MATH 115 or STAT 201 recommended)
- Add MICR 310 (3 hrs) as an option with MICR 210 (3 hrs)
- Add FDST 441 (3 hrs) as an option with FDST 415 (4 hrs)
- Add CHEM 100 (4 hrs) as an option with CHEM 120 (4 hrs)
- Add directed technical elective as an option with CHEM 130
- Replace FDST 101 (3 hrs) with FDST 100 (3 hrs)

- Drop FDST 401 (1 hr)
- Update technology directed elective options (footnote 6)
- Change Cultures and Civilizations Elective (3 hrs) to FDST 150 or other Cultures and Civilizations Elective (3 hrs)
- Reduce Unrestricted Electives from 9 hrs to 6-8 hrs

Rationale: NAME CHANGE—The concentration name is changing because it does not require any business courses, and students are confused because the Department of Agricultural and Resource Economics has a similarly named program. REVISIONS—Additional math, chemistry, microbiology, and FDST course options provide flexibility for students. FDST 101 was renumbered to FDST 100. FDST 150 was recently approved as a Cultures and Civilizations course. Unrestricted Electives were reduced to keep the program at 120 total hours. Impact on other units: None. Financial impact: None.

UTracK Requirements (for first-year students)
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 first-time, first-year, full-time, degree-seeking students entering Fall 2013. Returning, readmitted and transfer students will continue to follow the same program requirements outlined in their selected catalog.

Academic Plan		Milestone Notes
Term 1	**Hours**	**Term 1**
[1]Biological Sciences Elective*	4	2.0 cumulative GPA
ENGL 101* or ENGL 118*	3	
FDST 100	3	
[2]Quantitative Reasoning Elective*	3	
[3]Unrestricted Elective	1	
	14	
Term 2		**Term 2**
[2]Arts and Humanities*, Cultures and Civilizations*, or Social Sciences* Elective	3	2.0 cumulative GPA
CHEM 100* or CHEM 120* or CHEM 128*	4	ENGL 101*
ENGL 102*	3	One Arts and Humanities*, Cultures and Civilizations*, or Social Sciences* Elective
[2]FDST 150* or other Cultures and Civilizations Elective*	3	
[4]Technology Directed Elective	3	
	16	
Term 3		**Term 3**
[2]Arts and Humanities*, Cultures and Civilizations*, or Social Sciences* Elective	3	2.0 cumulative GPA
CHEM 130* or CHEM 138* or Technology Directed Elective[6]	4	CHEM 100* or CHEM 120*
FDST 241	3	One Quantitative Reasoning Elective*
[2]Quantitative Reasoning Elective* (MATH 115* or STAT 201* or STAT 207* recommended)	3	
[4]Technology Directed Elective	3	
	16	
Term 4		**Term 4**
[2]Arts and Humanities, Social Sciences, or Cultures and Civilizations Elective*	3	2.0 cumulative GPA
CHEM 110* or CHEM 350	3-4	FDST 100, FDST 241
[2]Communicating Orally Elective*	3	
FDST 201	1	
NUTR 100*	3	
[3]Unrestricted Elective	2	
	15-16	
Term 5		**Term 5**
[2]Arts and Humanities*, Cultures and Civilizations*, or Social Sciences* Elective	3	2.0 cumulative GPA
[2]Communicating through Writing Elective*	3	Biological Sciences Elective
FDST 390	3	Two Arts and Humanities*, Cultures and Civilizations*, or Social Sciences* Electives
FDST 461 or FDST 462	3	
MICR 210* or 310	3	
	15	
Term 6		**Term 6**
[2]Arts and Humanities*, Cultures and Civilizations*, or Social Sciences* Elective	3	No milestones

FDST 410, FDST 430	7	
[4]Technology Directed Elective	3	
	13	

Term 7		**Term 7**
FDST 421, FDST 429, FDST 493	8	Apply to graduate
FDST 415 or FDST 441	3-4	
[4]Technology Directed Elective	3	
	14-15	

Term 8		**Term 8**
FDST 430, FDST 445, FDST 495	9	No milestones
[4]Technology Directed Elective	3	
[3]Unrestricted Elective	3-5	
	15-17	
TOTAL	**120**	

* Meets University General Education Requirement.
[1] Chosen from BIOL 101*, BIOL 102*, BIOL 111*, BIOL 112*, BIOL 130*, or BIOL 138*.
[2] Chosen from the University General Education list. Mathematics placement depends on high school courses and grades and ACT scores. Students must complete one Communicating Orally course (CMST 210*, CMST 217*, CMST 240*, or CMST 247* recommended), one Communicating through Writing course, and two courses from each of the following categories—Arts and Humanities, Social Sciences (PSYC 110* or PSYC 117* recommended), and Cultures and Civilizations.
[3] Any courses not already required for the major.
[4] ACCT 200, ACCT 207; ADVT 250; Agricultural Leadership, Education and Communications (any course) Agriculture and Natural Resources (any course); Agricultural and Resource Economics (any course); Animal Science (any course); BCMB (any course) ; BIOL (any course) ; Biosystems Engineering (any course); CCI 150 ; CHEM (any course except for 100 , 120 , or 350); CMST 201 ; ECON 201 *; EEB 240 ; Entomology and Plant Pathology (any course); Environmental and Soil Sciences (any course); Food Science and Technology (any non-required course) (limit 3 hours for FDST 493); FINC 300 ; Forestry, Wildlife and Fisheries (any course); HRT (any course) ; INSC 102 ; JREM 175 , JREM 200 *; MARK 300 ; MGT 201 , MGT 300 ; Microbiology (any course except 210, 310 or 421); Nutrition (any course above 100) ; PBRL 270 ; PHYS 101 *, PHYS 102 *, PHYS 221 * or PHYS 222 *; Plant Sciences (any course); PUBH 430 ; STAT 201*, or STAT 207*.

REVISE FOOD SCIENCE MINOR

Minor Requirements
The minor consists of 16 credit hours.

Complete:
- FDST 100 - Science of Food
- ~~FDST 101 - Science of Foods~~
- FDST 241 - Food Preservation and Packaging
- FDST 410 - Food Chemistry
- FDST 421 - Food Microbiology

Select 3 hours:
- any FDST courses

Rationale: FDST 101 was renumbered to FDST 100. FDST 421 was inadvertently dropped from the last catalog. Impact on other units: None. Financial impact: None.

REVISE FOOD TECHNOLOGY MINOR

Minor Requirements
The minor consists of 16 credit hours.

Complete:
- FDST 100 - Science of Food
- ~~FDST 101 - Science of Foods~~
- FDST 241 - Food Preservation and Packaging
- FDST 390 - Food Laws and Regulations

Select 7 hours:
- any FDST courses

Rationale: FDST 101 was renumbered to FDST 100. Impact on other units: None. Financial impact: None.

DEPARTMENT OF FORESTRY, WILDLIFE AND FISHERIES

REVISE FORESTRY MAJOR—FOREST RESOURCES MANAGEMENT CONCENTRATION

- Add introductory program text for UTracK
- Drop FORS 326 (2 hrs)
- Change FWF 415 from 1 hr to 2 hrs
- Increase Unrestricted Electives (1 hr)

Rationale: FORS 326 was dropped and FWF 415's credit hours increased this year. Unrestricted Electives were adjusted to keep the program at 120 total hours. Impact on other units: None. Financial impact: None.

UTracK Requirements (for first-year students)
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 first-time, first-year, full-time, degree-seeking students entering Fall 2013. Returning, readmitted and transfer students will continue to follow the same program requirements outlined in their selected catalog.

Academic Plan		Milestone Notes
Term 1	**Hours**	**Term 1**
BIOL 111*	4	2.0 cumulative GPA
CHEM 100*	4	
ENGL 101* or ENGL 118*	3	
FORS 100	3	
	14	
Term 2		**Term 2**
BIOL 112*	4	2.0 cumulative GPA
ENGL 102*	3	One general education elective*
MATH 125*	3	
[1]Social Sciences Elective*	3	
[2]Unrestricted Elective	3	
	16	
Term 3		**Term 3**
[3]Arts and Humanities Elective*	3	2.0 cumulative GPA
CMST 210*, CMST 217*, CMST 240*, or CMST 247*	3	One additional general education elective*
ESS 210	4	
FORS 214 or FORS 217	3	
FWF 212	3	
	16	
Term 4		**Term 4**
AREC 201* or ECON 201*	4	2.0 cumulative GPA
BSET 326 or GEOG 411	3	One additional general education elective*
[3]Cultures and Civilizations Elective*	3	
FORS 215	3	
STAT 201* or STAT 207*	3	
	16	
Term 5		**Term 5**
[3]Cultures and Civilizations Elective*	3	2.0 cumulative GPA
EPP 411	3	One additional general education elective*
FORS 321* or FORS 327*	3	
FWF 317, FWF 320	6	
	15	
Term 6		**Term 6**
[4]Ethics Elective	3	No milestones
FORS 314 or FORS 317	2	
FWF 310, FWF 312*, FWF 313	7	
[2]Unrestricted Elective	1	
	13	
Term 7		**Term 7**
FORS 305, FORS 322, FORS 323, FORS 329, FORS 332	11	Apply to graduate
FORS 331 or FORS 337	2	

FWF 415	2	
	15	
Term 8		**Term 8**
[3]Arts and Humanities Elective*	3	No milestones
[5]Communications Elective	3	
FORS 422	3	
FORS 420 or FORS 427	3	
FWF 416	3	
	15	
TOTAL	**120**	

* Meets University General Education Requirement.
[1] Chosen from ANTH 130*, ANTH 137*, POLS 102*, PSYC 110*, PSYC 117*, SOCI 110*, SOCI 120*, SOCI 127*.
[2] Any courses not already required for the major.
[3] Chosen from the University General Education list. Students must complete two courses 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.
[5] Communications elective chosen from CMST 210*, CMST 240*, ENGL 295*, ENGL 355*, ENGL 360*, ENGL 363, ENGL 364, ENGL 455*, ENGL 456, ENGL 460, ENGL 463, ENGL 464; JREM 412, JREM 414, JREM 450, JREM 451.

REVISE FORESTRY MAJOR—URBAN FORESTRY CONCENTRATION

- Add introductory program text for UTracK
- Drop PLSC 210 or PLSC 220 (3 hrs)
- Add PLSC 226 (3 hrs)
- Change WFS 350 from 2 hrs to 1 hr
- Add FORS 217 (3 hrs) as an option with FORS 214 (3 hrs)
- Add FORS 317 (2 hrs) as an option with FORS 314 (2 hrs)
- Add FORS 327 (3 hrs) as an option with FORS 321 (3 hrs)

Rationale: Incorporated honors courses. WFS 350 credit hours decreased this year. Impact on other units: None. Financial impact: None.

UTracK Requirements (for first-year students)
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 first-time, first-year, full-time, degree-seeking students entering Fall 2013. Returning, readmitted and transfer students will continue to follow the same program requirements outlined in their selected catalog.

Academic Plan		**Milestone Notes**
Term 1	**Hours**	**Term 1**
BIOL 111*	4	2.0 cumulative GPA
CHEM 100*	4	
ENGL 101* or ENGL 118*	3	
FORS 100	3	
PLSC 226	3	
	17	
Term 2		**Term 2**
[1]Arts and Humanities Elective*	3	2.0 cumulative GPA
BIOL 112*	4	One general education elective*
ENGL 102*	3	
MATH 125*	3	
[2]Social Sciences Elective*	3	
	16	
Term 3		**Term 3**
CMST 210*, CMST 217*, CMST 240*, or CMST 247*	3	2.0 cumulative GPA
[1]Cultures and Civilizations Elective*	3	One additional general education elective*
ESS 210	4	
FORS 214 or FORS 217	3	
FWF 212	3	
	16	
Term 4		**Term 4**

AREC 201* or ECON 201* or ECON 207*	4	2.0 cumulative GPA
BIOL 250 or FORS 215	3-4	One additional general education elective*
PLSC 280	3	
STAT 201* or STAT 207*	3	
	13-14	
Term 5		**Term 5**
[1]Arts and Humanities Elective*	3	2.0 cumulative GPA
EPP 411	3	One additional general education elective*
FORS 321 or FORS 327	3	
FWF 317, FWF 320	6	
	15	
Term 6		**Term 6**
BSET 326 or GEOG 411	3	No milestones
[1]Cultures and Civilizations Elective*	3	
FORS 314 or FORS 317	2	
FORS 335	3	
FWF 312*, FWF 313	6	
	17	
Term 7		**Term 7**
FORS 323, FORS 345, FORS 430, FORS 433, FORS 435, FORS 496	10	Apply to graduate
FORS 331 or FORS 337	2	
WFS 350	1	
	13	
Term 8		**Term 8**
[3]Communications Elective	3	No milestones
[4]Ethics Elective	3	
FORS 422	3	
FWF 416	3	
[5]Unrestricted Elective	0-1	
	12-13	
TOTAL	**120**	

* Meets University General Education Requirement.

[1]Chosen from the University General Education list. Students must complete two courses from the Arts and Humanities list and two courses from the Cultures and Civilizations list.

[2] Chosen from ANTH 130*, ANTH 137*, POLS 102*, PSYC 110*, PSYC 117*, SOCI 110*, SOCI 120*, SOCI 127*.

[3] Communications elective chosen from CMST 210*, CMST 240*, ENGL 295*, ENGL 355*, ENGL 360*, ENGL 363, ENGL 364, ENGL 455*, ENGL 456, ENGL 460, ENGL 463, ENGL 464; JREM 412, JREM 414, JREM 450, JREM 451.

[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.

[5] Any courses not already required for the major.

REVISE FORESTRY MAJOR—WILDLAND RECREATION CONCENTRATION

- Add introductory program text for UTracK
- Add BIOL 101 (4 hrs) and BIOL 130 (4 hrs) as options with BIOL 111 (4 hrs)
- Add MATH 115 (3 hrs) as an option with STAT 201 (3 hrs)
- Add CHEM 120 (4 hrs) as an option with CHEM 100 (4 hrs)
- Add FOR 335 as a Plant Sciences elective option
- Add HRT 224 and RSM 320, 424 as recreation elective options
- Add PLSC 437 (2 hrs) as a technical elective option
- Add GIS elective (3 hrs)
- Add WFS 450 and WFS 456 as WFS elective options
- Add FORS 327 (3 hrs) as an option with FORS 321 (3 hrs)
- Revise Communications elective option
- Drop FWF 310 (1 hr)
- Drop BSET 326 (3 hrs) or GEOG 411 (3 hrs) as a requirement but add them to GIS elective options
- Change Unrestricted Electives from 8-9 hrs to 9 hrs

Rationale: Improve flexibility on course selection for students. Impact on other units: None. Financial impact: None.

UTracK Requirements (for first-year students)

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 first-time, first-year, full-time, degree-seeking students entering Fall 2013. Returning, readmitted and transfer students will continue to follow the same program requirements outlined in their selected catalog.

Academic Plan		Milestone Notes
Term 1	**Hours**	**Term 1**
[1]Arts and Humanities or Cultures and Civilizations Elective*	3	2.0 cumulative GPA
BIOL 101*, BIOL 111*, BIOL 130*, or BIOL 138*	4	
ENGL 101* or ENGL 118*	3	
FORS 100	3	
[2]Unrestricted Elective (AGNR 291/AGNR 292 or GEOL 203 recommended)	2-3	
	15-16	
Term 2		**Term 2**
BIOL 102*, BIOL 112*, BIOL 140*, or BIOL 148*	4	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	
	17	
Term 3		**Term 3**
[1]Arts and Humanities or Cultures and Civilizations Elective*	3	2.0 cumulative GPA
CMST 210*, CMST 217*, CMST 240*, or CMST 247*	3	One additional general education elective*
ESS 210	4	
FORS 214 or FORS 217	3	
FWF 212	3	
	16	
Term 4		**Term 4**
AREC 201* or ECON 201* or ECON 207*	4	2.0 cumulative GPA
[1]Arts and Humanities or Cultures and Civilizations Elective*	3	One additional general education elective*
[4]Communications Elective	3	
FORS 215	3	
MATH 115* or STATS 201* or STAT 207*	3	
	16	
Term 5		**Term 5**
FORS 321* or FORS 327*	3	2.0 cumulative GPA
FWF 317, FWF 320	6	One additional general education elective*
[5]GIS Elective	3-4	
[6]Plant Sciences Elective	2-3	
	14-16	
Term 6		**Term 6**
FORS 423	3	No milestones
FWF 312*, FWF 313	6	
[7]Recreation Elective	3	
[8]Sociology Elective	3	
	15	
Term 7		**Term 7**
[1]Arts and Humanities or Cultures and Civilizations Elective*	3	Apply to graduate
FORS 495	6	
[2]Unrestricted Elective	3	
WFS 443, WFS 444, WFS 445, WFS 450, or WFS 456	3	
	15	
Term 8		**Term 8**
FORS 422	3	No milestones
FWF 416	3	
[9]Technical Elective	2-3	
[2]Unrestricted Elective	3	
	11-12	

TOTAL	**120**

* Meets University General Education Requirement.
[1] Chosen from the University General Education list. Students must complete two courses from the Arts and Humanities list and two courses from the Cultures and Civilizations list.
[2] Any courses not already required for the major.
[3] Chosen from ANTH 130*, ANTH 137*, POLS 102*, PSYC 110*, PSYC 117*, SOCI 110*, SOCI 120*, SOCI 127*.
[4] Communications elective chosen from ARTC 236; ENGL 295*; JREM 390, JREM 412, JREM 422, JREM 450*, JREM 451*; PBRL 270.
[5] GIS elective chosen from AGNR 291 and AGRN 292; BSET 326; GEOG 310, GEOG 410, GEOG 411, GEOG 413, or a related Geographic Information Systems (GIS) course.
[6] Plant Sciences elective chosen from FORS 335; PLSC 280, PLSC 350, PLSC 370, PLSC 421, PLSC 437.
[7] Recreation elective chosen from HRT 224; RSM 310, RSM 320, RSM 415, RSM 426, RSM 430.
[8] Sociology elective chosen from GEOG 320, GEOG 345; PHIL 346; SOCI 345, SOCI 360, SOCI 370, SOCI 465.
[9] Technical electives chosen from FORS 314 or FORS 317; GEOG 411; MGT 440; PLSC 437; POLS 440, POLS 441.

REVISE WILDLIFE AND FISHERIES SCIENCE MAJOR—WILDLIFE AND FISHERIES MANAGEMENT CONCENTRATION

- Add introductory program text for UTracK
- Add WFS 101 (1) to first term
- Drop MATH 115 (3 hrs) as an option with STAT 201 (3 hrs)
- Drop CHEM 100 (4 hrs) as an option with CHEM 120 (4 hrs)
- Drop CHEM 110 (4 hrs) or CHEM 130 (4 hrs) requirement
- Change WFS 440 from 3 hrs to 2 hrs
- Add ENGL 295 (3 hrs) or ENGL 360 (3 hrs) requirement
- Replace ESS 324 (3 hrs) with ESS 424 (3 hrs)
- Drop WFS 341 (2 hrs)

Rationale: Reduce required credits towards 120; previously 124-125 credits were required; now just 121-122. Impact on other units: None. Financial impact: None.

UTracK Requirements (for first-year students)
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 first-time, first-year, full-time, degree-seeking students entering Fall 2013. Returning, readmitted and transfer students will continue to follow the same program requirements outlined in their selected catalog.

Academic Plan		**Milestone Notes**
Term 1	**Hours**	**Term 1**
[1]Arts and Humanities or Cultures and Civilizations Elective*	3	2.0 cumulative GPA
BIOL 101* or BIOL 130* or BIOL 138*	4	
CHEM 120* or CHEM 128*	4	
ENGL 101* or ENGL 118*	3	
WFS 101	1	
	15	
Term 2		**Term 2**
[1]Arts and Humanities or Cultures and Civilizations Elective*	3	2.0 cumulative GPA
BIOL 102* or BIOL 140* or BIOL 148*	4	One general education elective*
ENGL 102*	3	
FWF 250*	3	
	13	
Term 3		**Term 3**
BSET 326 or GEOG 411	3	2.0 cumulative GPA
ENGL 295* or ENGL 360*	3	One additional general education elective*
ESS 210	4	
FWF 212	3	
MATH 125*	3	
	16	
Term 4		**Term 4**
ANSC 220	3	2.0 cumulative GPA
AREC 201* or ECON 201* or ECON 207*	4	One additional general education elective*

BIOL 250 or FORS 215	3-4	
CMST 210*, CMST 217*, CMST 240*, or CMST 247*	3	
STATS 201* or STAT 207*	3	
	16-17	
Term 5		**Term 5**
[1]Arts and Humanities or Cultures and Civilizations Elective*	3	2.0 cumulative GPA
EEB 474	4	One additional general education elective*
EEB 330 or EEB 443 or PLSC 421	3	
EEB 470 or ESS 424	3	
FWF 317	3	
	16	
Term 6		**Term 6**
FWF 310, FWF 312*, FWF 313	7	No milestones
[1]Social Sciences Elective	3	
WFS 444, WFS 445	6	
	16	
Term 7		**Term 7**
FWF 415	2	Apply to graduate
WFS 305, WFS 323, WFS 340, WFS 350, WFS 440, WFS 442	12	
	14	
Term 8		**Term 8**
[1]Arts and Humanities or Cultures and Civilizations Elective*	3	No milestones
FORS 422 or FORS 320	3	
FWF 416	3	
[2]Science Elective	3	
WFS 443	3	
	15	
TOTAL	**121-122**	

* Meets University General Education Requirement.
[1]Chosen from the University General Education list. Students must complete one course from the Social Sciences list, two courses from the Arts and Humanities list, and two courses from the Cultures and Civilizations list.
[2] Chosen from any 300-level and above Wildlife and Fisheries Science; Forestry, Wildlife and Fisheries; Forestry; or Ecology and Evolutionary Biology courses.

REVISE WILDLIFE AND FISHERIES SCIENCE MAJOR—WILDLIFE HEALTH CONCENTRATION

- Add introductory program text for UTracK

UTracK Requirements (for first-year students)
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 first-time, first-year, full-time, degree-seeking students entering Fall 2013. Returning, readmitted and transfer students will continue to follow the same program requirements outlined in their selected catalog.

Academic Plan		**Milestone Notes**
Term 1	**Hours**	**Term 1**
BIOL 130* or BIOL 138*	4	2.0 cumulative GPA
CHEM 120* or CHEM 128*	4	
ENGL 101* or ENGL 118*	3	
MATH 125*	3	
WFS 101	1	
	15	
Term 2		**Term 2**
BIOL 140* or BIOL 148*	4	2.0 cumulative GPA
CHEM 130* or CHEM 138*	4	One general education elective*
ENGL 102*	3	
FWF 250*	3	
MATH 115* or STAT 201* or STAT 207*	3	
	17	
Term 3		**Term 3**

BIOL 240	4	2.0 cumulative GPA
CHEM 350	3	One additional general education elective*
MICR 310, MICR 319	5	
PHYS 221*	4	
	16	
Term 4		**Term 4**
ANSC 220	3	2.0 cumulative GPA
BIOL 250	4	One additional general education elective*
CHEM 360, CHEM 369	5	
PHYS 222*	4	
	16	
Term 5		**Term 5**
ANSC 380	3	2.0 cumulative GPA
BCMB 440	3	One additional general education elective*
CMST 210*, CMST 217*, CMST 240*, or CMST 247*	3	
FWF 317	3	
	12	
Term 6		**Term 6**
AREC 201* or ECON 201* or ECON 207*	4	No milestones
[1]Arts and Humanities or Cultures and Civilizations Electives*	6	
BCMB 401	4	
	14	
Term 7		**Term 7**
BCMB 311	3	Apply to graduate
[1]Social Sciences Elective*	3	
WFS 401, WFS 431	6	
[2]WFS Elective	3	
	15	
Term 8		**Term 8**
[1]Arts and Humanities or Cultures and Civilizations Electives*	6	No milestones
BSET 326 or GEOG 411	3	
[3]Science Elective	3	
[2]WFS Elective	3	
	15	
TOTAL	**120**	

* Meets University General Education Requirement.
[1] Chosen from the University General Education list. Students must complete one course from the Social Sciences list, two courses from the Arts and Humanities list, and two courses from the Cultures and Civilizations list. One of these courses must also be a Communicating through Writing (WC) course.
[2] Chosen from WFS 433, WFS 443, WFS 444, WFS 445.
[3] 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 410, GEOG 411, GEOG 413, GEOG 436.

DEPARTMENT OF PLANT SCIENCES

REVISE PLANT SCIENCES MAJOR—BIOENERGY CONCENTRATION

- Add introductory program text for UTracK
- Drop AGNR 290 (3 hrs)
- Drop PLSC 465 (2 hrs)
- Drop BCMB 404 in biotechnology specialty area
- Add PLSC 210 (3 hrs)
- Add PLSC 415 (3 hrs)
- Add PLSC 453 (3 hrs)
- Reduce technical electives from 21-22 hrs to 15-16 hrs and expand course options
- Reduce Unrestricted Electives from 4-6 hrs to 3-6 hrs

Rationale: New course offerings appropriate to the major were added, course options were increased to expand student choice, and the drops reflect courses no longer offered. Impact on other units: None. Financial impact: None.

UTracK Requirements (for first-year students)

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 first-time, first-year, full-time, degree-seeking students entering Fall 2013. Returning, readmitted and transfer students will continue to follow the same program requirements outlined in their selected catalog.

Academic Plan		Milestone Notes
Term 1	**Hours**	**Term 1**
[1]AGNR 100 or FYS 101	1	2.0 cumulative GPA
BIOL 111*	4	
CHEM 120* or CHEM 128*	4	
ENGL 101* or ENGL 118*	3	
[2]Quantitative Reasoning Elective*	3	
	15	
Term 2		**Term 2**
BIOL 112*	4	2.0 cumulative GPA
CHEM 130* or CHEM 138*	4	One Natural Sciences Elective*
ENGL 102*	3	
PLSC 250	3	
[2]Quantitative Reasoning Elective*	3	
	17	
Term 3		**Term 3**
CMST 210*, CMST 217*, CMST 240*, or CMST 247*	3	2.0 cumulative GPA
[3]Cultures and Civilizations Elective*	3	ENGL 101*
PLSC 210	3	
[3,4]Social Sciences Elective*	3	
[5]Technical Elective	3	
	15	
Term 4		**Term 4**
[4]AREC 201* or ECON 201* or ECON 207*	4	ENGL 102*
[3]Arts and Humanities Electives*	6	PLSC 210
ESS 210	4	
	14	
Term 5		**Term 5**
AREC 212	3	Any CASNR course with grade of C or better
BCMB 321 or FORS 414 or PLSC 348	3	Any two Arts and Humanities*, Cultures and Civilizations*, Quantitative Reasoning*, or Social Sciences* Electives
[3]Cultures and Civilizations Elective*	3	
PLSC 453	3	
[5]Technical Elective	3	
	15	
Term 6		**Term 6**
[6]ALEC 440* or ENGL 295* or ENGL 360*	3	No milestones
PLSC 452, PLSC 435	6	
[5]Technical Electives	6-7	
	15-16	
Term 6 ½ (Summer)		**Term 6 ½ (Summer)**
PLSC 492	3	No milestones
	3	
Term 7		**Term 7**
ESS 334	3	Apply to graduate
PLSC 331,PLSC 415	4	
[7]Specialty Area	6	
	13	
Term 8		**Term 8**
PLSC 475, PLSC 497	4-6	No milestones
[7]Specialty Area	3-5	
[5]Technical Elective	3	
[8]Unrestricted Electives	3	
	13-17	
TOTAL	**120**	

* Meets University General Education Requirement.

[1] Required of freshmen only; requirement is waived for transfer students.
[2] Chosen from the University General Education list. Select Quantitative Reasoning Electives based on prerequisites for courses in the Specialty Area.
[3]Chosen from the University General Education list after consultation with advisor.
[4]AREC 201* (4) Economics of the Global Food and Fiber System or ECON 201* (4) Principles of Economics 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 for economics but will not satisfy the General Education-Social Science requirement. In these cases, the student should take two courses from the approved General Education-Social Sciences list.
[5] Chosen from any Biochemistry, Cellular, and Molecular Biology; any Biosystems Engineering; any Biosystems Engineering Technology; Chemistry; Ecology and Evolutionary Biology; Management; Marketing; Microbiology; Physics; Spanish; Statistics; 200-level and above from Biology, Business Administration; 300-level and above from Agricultural and Resource Economics, Environmental and Soil Sciences, Forestry, Finance, Plant Sciences; ACCT 200, ACCT 207; AGNR 291, AGNR 292; ENGL 360*; FINC 300; JREM 450*, JREM 451*, JREM 456*; MGT 201, MGT 300; MARK 300; MSE 101, MSE 201; PBRL 270; PLSC 220, PLSC 221, PLSC 275.
[6]Meets the University General Education Requirement for Communicating through Writing (WC).
[7]Select one Specialty Area (see below). Select Quantitative Reasoning Electives based on prerequisites for courses in the Specialty Area.
[8]Any courses not already required for the major.

Specialty Areas
Specialty electives are grouped into specialty areas. Students must complete one specialty area, consisting of three courses (9-11 credit hours). Students wishing to expand on a specialty or complete more than one specialty area are welcome to do so, using Technical Electives for this purpose. A course may be counted in one specialty area only and may not be used to fulfill any other elective requirement. Check the course descriptions for any prerequisites required for these courses.

Agronomy
PLSC 457; and select 6 hours from Environmental and Soil Sciences 300-level and above.

Biosystems Engineering
BSE 231; BSET 326, BSET 432, BSET 434, BSET 462.

Biotechnology
BIOL 240; PLSC 454; BCMB 401 or MICR 210*.

Business
ACCT 200 or ACCT 207; AREC 355, AREC 470; MARK 300; MGT 201; STAT 201* or STAT 207*.

Chemistry
CHEM 230 or CHEM 310; CHEM 350, CHEM 360, CHEM 369; FDST 410, FDST 419.

Forestry and Wildlife
200-level and above from Forestry; 200-level and above from Forestry, Wildlife and Fisheries.

Microbiology
MICR 210* and above; FDST 421, FDST 429.

REVISE PLANT SCIENCES MAJOR—BIOTECHNOLOGY CONCENTRATION

- Add introductory program text for UTracK
- Drop AGNR 290 (3 hrs)
- Add PLSC 453 (3 hrs)
- Drop BCMB 404 as an option in term 8
- Reduce technical electives from 17-18 hrs to 16 hrs and expand course options
- Reduce plant sciences electives from 9 hrs to 6 hrs

Rationale: New course offering appropriate to the major was added, course options were increased to expand student choice, and the drop reflects a course no longer offered. Impact on other units: None. Financial impact: None.

UTracK Requirements (for first-year students)
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 first-time, first-year, full-time, degree-seeking students entering Fall 2013. Returning, readmitted and transfer students will continue to follow the same program requirements outlined in their selected catalog.

Academic Plan		Milestone Notes
Term 1	**Hours**	**Term 1**

[1]AGNR 100 or FYS 101	1	2.0 cumulative GPA
BIOL 111*	4	
CHEM 120* or CHEM 128*	4	
ENGL 101* or ENGL 118*	3	
[2]Quantitative Reasoning Elective*	3	
	15	
Term 2		**Term 2**
[2]Arts and Humanities Elective*	3	2.0 cumulative GPA
BIOL 112*	4	One Natural Sciences Elective*
CHEM 130* or CHEM 138*	4	
ENGL 102*	3	
[2]Quantitative Reasoning Elective*	3	
	17	
Term 3		**Term 3**
AREC 212	3	2.0 cumulative GPA
[2]Arts and Humanities Elective*	3	ENGL 101*
CMST 210*, CMST 217*, CMST 240*, or CMST 247*	3	
[2]Cultures and Civilizations Elective*	3	
PLSC 210	3	
	15	
Term 4		**Term 4**
[3]AREC 201* or ECON 201* or ECON 207*	3-4	ENGL 102*
ESS 210	4	PLSC 210
[2,3]Social Sciences Elective*	3	
[4]Unrestricted Electives	4-5	
	14-16	
Term 5		**Term 5**
BCMB 321	3	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
EPP 313 or EPP 321 or EPP 410	3	
[5]Plant Sciences Elective	6	
	15	
Term 6		**Term 6**
CHEM 350	3	No milestones
ESS 334	3	
PLSC 453, PLSC 457	6	
[5]Plant Sciences Elective	3	
	15	
Term 7		**Term 7**
PLSC 452, PLSC 454, PLSC 461, PLSC 470 (select three courses)	9	Apply to graduate
PLSC 492 or PLSC 497	3	
[6]Technical Elective	3	
	15	
Term 8		**Term 8**
PLSC 454	3	No milestones
[6]Technical Electives	11-12	
	14-15	
TOTAL	**120**	

* Meets University General Education Requirement.

[1]Required of freshmen only; requirement is waived for transfer students.

[2]Chosen from the University General Education list after consultation with an advisor. Students must meet the Communicating through Writing requirement by selecting a course with a WC designation. This course may be an Arts and Humanities, Cultures and Civilizations, or Social Sciences Elective; a course in the major; or a course from another discipline. PLSC 410* satisfies the WC requirement.

[3]AREC 201* (4) Economics of the Global Food and Fiber System or ECON 201* (4) Principles of Economics 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 for economics but will not satisfy the General Education-Social Science requirement. In these cases, the student should take two courses from the approved General Education-Social Sciences list.

[4]Any courses not already required for the major.

[5]Chosen from any Plant Sciences courses not already required for the major.

[6]Chosen from Biochemistry and Cellular and Molecular Biology, Biosystems Engineering, Biosystems Engineering Technology, Chemistry, Ecology and Evolutionary Biology, Management, Marketing, Microbiology, Physics, Spanish, Statistics; 200-level and above from Biology, Business Administration; 300-level and above from Agricultural and Resource Economics, Environmental and

Soil Sciences, Forestry, Plant Sciences; ACCT 200, ACCT 207; AGNR 291, AGNR 292; BULW 301; ENGL 295*, ENGL 360*; FINC 300; GEOL 201*, GEOL 202*; JREM 450*, JREM 451*, JREM 456*; PLSC 220, PLSC 221, PLSC 250, PLC 275.

REVISE PLANT SCIENCES MAJOR—HORTICULTURE SCIENCE AND PRODUCTION CONCENTRATION

- Add introductory program text for UTracK
- Drop AGNR 290 (3 hrs)
- Increase PLSC 220/221/230 requirement from 3 hrs to 6 hrs
- Reduce technical electives from 8-10 hrs to 3-4 hrs and expand course options

Rationale: AGNR 290 is no longer required in CASNR. Technical electives were adjusted to bring program to 120 total hours. Impact on other units: None. Financial impact: None.

UTracK Requirements (for first-year students)
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 first-time, first-year, full-time, degree-seeking students entering Fall 2013. Returning, readmitted and transfer students will continue to follow the same program requirements outlined in their selected catalog.

Academic Plan		Milestone Notes
Term 1	**Hours**	**Term 1**
[1]AGNR 100 or FYS 101	1	2.0 cumulative GPA
BIOL 111*	4	
CHEM 100* or CHEM 120* or CHEM 128*	4	
ENGL 101* or ENGL 118*	3	
[2]Quantitative Reasoning Elective*	3	
	15	
Term 2		**Term 2**
[2]Arts and Humanities Elective*	3	2.0 cumulative GPA
BIOL 112*	4	One Natural Sciences Elective*
CHEM 110* or CHEM 130* or CHEM 138*	4	
ENGL 102*	3	
[2]Quantitative Reasoning Elective*	3	
	17	
Term 3		**Term 3**
[3]AREC 201* or ECON 201* or ECON 207*	4	ENGL 101*
[2]Arts and Humanities Elective*	3	
CMST 210*, CMST 217*, CMST 240*, or CMST 247*	3	
PLSC 210	3	
[6]Technical Elective	3	
	16	
Term 4		**Term 4**
[2]Cultures and Civilizations Elective*	3	ENGL 102*
ESS 210	4	PLSC 210
PHYS 101*	3	
[2,3]Social Sciences Elective*	3	
	13	
Term 5		**Term 5**
BCMB 321 or BIOL 250 or FORS 414	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	
	15-16	
Term 6		**Term 6**
ESS 334	3	No milestones
PLSC 457	3	
[4]PLSC 221 or PLSC 230	3	
[5]Plant Sciences Electives	6	
	15	
Term 7		**Term 7**
PLSC 331, PLSC 452, PLSC 410*(WC), PLSC 430,	13	Apply to graduate

PLSC 470	
PLSC 492 or 497	3
	16

Term 8	
[5]Plant Sciences Electives	6
[6]Technical Elective	3-4
[7]Unrestricted Electives	4
	13
TOTAL	**120**

Term 8
No milestones

* Meets University General Education Requirement.
[1] Required of freshmen only; requirement is waived for transfer students.
[2] Chosen from the University General Education list after consultation with an advisor.
[3] AREC 201* (4) Economics of the Global Food and Fiber System or ECON 201* (4) Principles of Economics 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 for economics but will not satisfy the General Education-Social Science requirement. In these cases, the student should take two courses from the approved General Education-Social Sciences list.
[4] PLSC 230 may not be repeated for additional credit.
[5] Chosen from any Plant Sciences courses not already required for the major.
[6] Chosen from any 300-level and above from Agricultural and Resource Economics, Environmental and Soil Science, Forestry, Plant Sciences; 200-level and above from Biology, Business Administration; courses from Biochemistry and Cellular and Molecular Biology, Biosystems Engineering, Biosystems Engineering Technology, Chemistry, Ecology and Evolutionary Biology, Management, Marketing, Microbiology, Physics, Spanish, Statistics; and ACCT 200, ACCT 207; AGNR 291, AGNR 292; BULW 301; ENGL 295*, ENGL 360*; FINC 300; GEOL 201*, GEOL 202*; JREM 450*, JREM 451*, JREM 456*; MGT 201, MGT 300; MARK 300.
[7]Any courses not already required for the major.

REVISE PLANT SCIENCES MAJOR—LANDSCAPE DESIGN CONCENTRATION

- Add introductory program text for UTracK
- Drop AGNR 290 (3 hrs)
- Reduce social sciences elective from 3-6 hrs to 3 hrs
- Reduce Unrestricted Electives from 8-10 hrs to 3-4 hrs
- Expand technical elective course options

Rationale: AGNR 290 is no longer required in CASNR. Technical and Unrestricted Electives were adjusted to bring program to 120 total hours. Impact on other units: None. Financial impact: None.

UTracK Requirements (for first-year students)
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 first-time, first-year, full-time, degree-seeking students entering Fall 2013. Returning, readmitted and transfer students will continue to follow the same program requirements outlined in their selected catalog.

Academic Plan

Term 1	**Hours**
[1]AGNR 100 or FYS 101	1
[2]Arts and Humanities Elective*	3
BIOL 111*	4
CHEM 100* or CHEM 120* or CHEM 128*	4
ENGL 101* or ENGL 118*	3
	15

Term 2	
BIOL 112*	4
COSC 100*	3
ENGL 102*	3
[2]Quantitative Reasoning Elective*	3
[2,3]Social Sciences Elective*	3
	16

Term 3	
[3]AREC 201* or ECON 201* or ECON 207*	4
CMST 210*, CMST 217*, CMST 240*, or CMST 247*	3
ESS 210	4
PLSC 210, PLSC 220	6
	17

Milestone Notes

Term 1
2.0 cumulative GPA

Term 2
2.0 cumulative GPA
One Natural Sciences Elective*

Term 3
2.0 cumulative GPA
ENGL 101*

Term 4		**Term 4**
PLSC 221, PLSC 280	6	ENGL 102*
[4]Technical Electives	7	PLSC 210
[5]Unrestricted Elective	2	
	15	
Term 5		**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 348, PLSC 360, PLSC 370	5-6	
[5]Unrestricted Elective	3	
	14-15	
Term 6		**Term 6**
PLSC 380	3	No milestones
[4]Technical Electives	6	
[5]Unrestricted Elective	3	
	12	
Term 6 ½ (Summer)		**Term 6 ½ (Summer)**
PLSC 492	3	No milestones
	3	
Term 7		**Term 7**
[2]Arts and Humanities Elective*	3	Apply to graduate
[2]Cultures and Civilizations Elective*	3	
PLSC 421, PLSC 460	6	
[4]Technical Elective	3	
	15	
Term 8		**Term 8**
PLSC 480, PLSC 485	7	No milestones
Select from: PLSC 348, PLSC 410*, PLSC 429, PLSC 430, PLSC 434, PLSC 436, PLSC 437, PLSC 441,PLSC 450, PLSC 469, PLSC 470, PLSC 493, PLSC 497	5-6	
[4]Technical Elective	1-2	
	13-15	
TOTAL	**120**	

* Meets University General Education Requirement.

[1] Required of freshmen only; requirement is waived for transfer students.

[2] Chosen from the University General Education list after consultation with an advisor. Students must meet the Communicating through Writing requirement by selecting a course with a WC designation. This course may be an Arts and Humanities, Cultures and Civilizations, or Social Sciences Elective; a course in the major; or a course from another discipline.

[3] AREC 201* (4) Economics of the Global Food and Fiber System or ECON 201* (4) Principles of Economics satisfies the University General Education-Social Science requirement and the major requirement for economics. If the student transfers ECON LD for 3 credit hours, it will satisfy the major requirement for economics but will not satisfy the University General Education-Social Science requirement. In these cases, the student should take two courses from the Social Sciences list.

[4] Chosen from any Advertising, Business Administration; Entomology and Plant Pathology; Plant Sciences; Statistics; ACCT 200, ACCT 207, AGNR 291, AGNR 292; ARCH 111*, ARCH 180, ARCH 211*, ARCH 232, ARCH 271; ART 101, ART 103; ARTA 211, ARTA 212, ARTA 213, ARTA 214, ARTA 215, ARTA 216, ARTA 231, ARTA 331; BIOL 250; BSET 202, BSET 412; BULW 301; CMST 414; EEB 304, EEB 330, EEB 433; ENGL 295*, ENGL 360*; ESS 324, ESS 334; FINC 300; FORS 321*; FWF 212, FWF 250*, FWF 312*, FWF 317; GEOG 131*, GEOG 365, GEOG 366; GEOL 201*, GEOL 202*, GEOL 203*; MGT 201, MGT 300; MARK 300; PHIL 244*, PHIL 346*; SPAN 111, SPAN 112, SPAN 211*, SPAN 212*; UNST 413.

[5]Any courses not already required for the major.

REVISE PLANT SCIENCES MAJOR—ORGANIC PRODUCTION CONCENTRATION

- Add introductory program text for UTracK
- Drop AGNR 290 (3 hrs)
- Add ESS 442 as an option with ESS 434 and 454
- Expand technical elective course options

Rationale: AGNR 290 is no longer required in CASNR. Technical electives options were increased to expand student choice. Impact on other units: None. Financial impact: None.

UTracK Requirements (for first-year students)
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 first-time, first-year, full-time, degree-seeking students entering Fall 2013. Returning, readmitted and transfer students will continue to follow the same program requirements outlined in their selected catalog.

Academic Plan		Milestone Notes
Term 1	**Hours**	**Term 1**
[1]AGNR 100 or FYS 101	1	2.0 cumulative GPA
BIOL 111*	4	
CHEM 100* or CHEM 120* or CHEM 128*	4	
ENGL 101* or ENGL 118*	3	
[2]Quantitative Reasoning Elective*	3	
	15	
Term 2		**Term 2**
[2]Arts and Humanities Elective*	3	2.0 cumulative GPA
BIOL 112*	4	One Natural Sciences Elective*
CHEM 110* or CHEM 130* or CHEM 138*	4	
ENGL 102*	3	
[2]Quantitative Reasoning Elective*	3	
	17	
Term 3		**Term 3**
[2]Arts and Humanities Elective*	3	2.0 cumulative GPA
CMST 210*, CMST 217*, CMST 240*, or CMST 247*	3	ENGL 101*
[2]Cultures and Civilizations Elective*	3	
EPP 313	3	
PLSC 210	3	
	15	
Term 4		**Term 4**
ESS 210	4	ENGL 102*
PLSC 275	3	PLSC 210
[2]Social Sciences Electives*	6-7	
	13-14	
Term 5		**Term 5**
BIOL 250	4	Any CASNR course with grade of C or better
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 497	6	
	13	
Term 6		**Term 6**
BCMB 321 or FORS 414 or PLSC 348	3	No milestones
PLSC 330, PLSC 434	6	
[3]Technical Electives	6	
	15	
Term 6 ½ (Summer)		**Term 6 ½ (Summer)**
PLSC 492	3	No milestones
	3	
Term 7		**Term 7**
[2]Cultures and Civilizations Elective*	3	Apply to graduate
EPP 321	3	
ESS 434 or ESS 442 or ESS 454	3	
PLSC 415	3	
[4]Unrestricted Elective	2	
	14	
Term 8		**Term 8**
Select from: PLSC 220, PLSC 221, PLSC 331, PLSC 410*, PLSC 430, PLSC 435, PLSC 452, PLSC 457, PLSC 461, PLSC 493	6	No milestones
[3]Technical Electives	6	
[4]Unrestricted Elective	3	
	15	
TOTAL	**120**	

* Meets University General Education Requirement.
[1]Required of freshmen only; requirement is waived for transfer students.
[2]Chosen from the University General Education list after consultation with an advisor. Students must meet the Communicating through Writing requirement by selecting a course with a WC designation. This course may be an Arts and Humanities, Cultures and Civilizations, or Social Sciences Elective; a course in the major; or a course from another discipline. PLSC 410* and PLSC 491* satisfy the WC requirement.
[3]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, 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, 292, AGNR 481; ANSC 160; AREC 212; BULW 301; ENGL 295*, ENGL 360*; FDST 150*; FINC 300; GEOL 201*, GEOL 202*, GEOL 206*; JREM 450*, JREM 451*, JREM 456*; PHIL 130; PHYS 101*; SOCI 360, MGT 201, MGT 300; MARK 300.
[4]Any courses not already required for the major.

REVISE PLANT SCIENCES MAJOR—PUBLIC HORTICULTURE CONCENTRATION

- Add introductory program text for UTracK
- Drop AGNR 290 (3 hrs)
- Change COSC 100 to COSC 100 or Quantitative Reasoning Elective
- Reduce social sciences elective from 3-6 hrs to 3 hrs
- Expand technical elective course options
- Reduce Unrestricted Electives

Rationale: AGNR 290 is no longer required in CASNR. Technical electives options were increased to expand student choice. Unrestricted Electives were adjusted to bring the program to 120 total hours. Impact on other units: None. Financial impact: None.

UTracK Requirements (for first-year students)
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 first-time, first-year, full-time, degree-seeking students entering Fall 2013. Returning, readmitted and transfer students will continue to follow the same program requirements outlined in their selected catalog.

Academic Plan

Term 1	**Hours**
[1]AGNR 100 or FYS 101	1
BIOL 111*	4
CHEM 100* or CHEM 120* or CHEM 128*	4
ENGL 101* or ENGL 118*	3
[2]Quantitative Reasoning Elective*	3
	15
Term 2	
[2]Arts and Humanities Elective*	3
BIOL 112*	4
[2]COSC 100* or Quantitative Reasoning Elective*	3
ENGL 102*	3
ESS 210	4
	17
Term 3	
[2]Arts and Humanities Elective*	3
CMST 240* or CMST 247*	3
PLSC 210, PLSC 220, PLSC 226	9
	15
Term 4	
[3]AREC 201* or ECON 201* or ECON 207*	4
[2]Cultures and Civilizations Elective*	3
PLSC 221, PLSC 280	6
[2,3]Social Sciences Elective	3
	16
Term 5	
[2]Cultures and Civilizations Elective*	3
PLSC 230, PLSC 240, PLSC 328, PLSC 330	10

Milestone Notes

Term 1
2.0 cumulative GPA
Term 2
2.0 cumulative GPA
One Natural Sciences Elective*
Term 3
2.0 cumulative GPA
ENGL 101*
Term 4
ENGL 102*
PLSC 210
Term 5
Any CASNR course with grade of C or better
Any two Arts and Humanities*, Cultures and Civilizations*, Quantitative Reasoning*, or Social Sciences* Electives

		13	
Term 6			**Term 6**
PLSC 370, PLSC 410*, PLSC 434, PLSC 436		12	No milestones
[4]Technical Elective		4	
		16	
Term 6 ½ (Summer)			**Term 6 ½ (Summer)**
PLSC 492		3	No milestones
		3	
Term 7			**Term 7**
EPP 313 or EPP 321		3	Apply to graduate
PLSC 470		3	
Select from: PLSC 429, PLSC 430, PLSC 437, PLSC 439, PLSC 469, PLSC 493		7	
		13	
Term 8			**Term 8**
EPP 410		3	No milestones
PLSC 494		3	
[4]Technical Elective		3-4	
[5]Unrestricted Elective or PLSC 275 or PLSC 415 or PLSC 421		3-4	
		12-14	
TOTAL		**120**	

* Meets University General Education Requirement.
[1] Required of freshmen only; requirement is waived for transfer students.
[2] Chosen from the University General Education list after consultation with an advisor.
[3] AREC 201* (4) Economics of the Global Food and Fiber System or ECON 201* (4) Principles of Economics satisfies the University General Education-Social Science requirement and the major requirement for economics. If the student transfers ECON LD for 3 credit hours, it will satisfy the major requirement for economics but will not satisfy the University General Education-Social Science requirement. In these cases, the student should take two courses from the Social Sciences list.
[4] Chosen from any 300-level and above from ACCT 200, ACCT 207; AGNR 291, AGNR 292; ART 481; ALEC 345; EDPY 210*; EEB 309, EEB 330, EEB 433; ENGL 295*, ENGL 360*; Environmental and Soil Sciences; FINC 300; Forestry; MGT 201, MGT 300; MARK 300; PBRL 270; PHIL 346*; RSM 201.
[5]Any courses not already required for the major.

REVISE PLANT SCIENCES MAJOR—TURFGRASS SCIENCE AND MANAGEMENT CONCENTRATION

- Add introductory program text for UTracK
- Replace AGNR 290 (3 hrs) with AGNR 291 (1 hr)
- Change CMST 210 (3 hrs) or CMST 240 (3 hrs) to Communicating Orally Elective (3 hrs)
- Add PLSC 250 (3 hrs)
- Add PLSC 462 (1 hr)
- Drop BIOL 250 or BCMB 321 or FORS 414 or PLSC 348 requirement (3-4 hrs)
- Drop Select from: PLSC 330, PLSC 348, PLSC 360, PLSC 370, PLSC 410*, PLSC 415, PLSC 421, PLSC 429, PLSC 430, PLSC 434, PLSC 435, PLSC 436, PLSC 437, PLSC 452, PLSC 461, PLSC 462, PLSC 469, or PLSC 494 requirement (9 hrs)
- Add plant sciences elective (3 hrs)
- Increase Unrestricted Electives from 3-5 hrs to 5 hrs
- Expand technical elective course options

Rationale: AGNR 290 is no longer required in CASNR. Technical electives options were increased to expand student choice. Unrestricted Electives were adjusted to bring the program to 120 total hours. Impact on other units: None. Financial impact: None.

UTracK Requirements (for first-year students)
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 first-time, first-year, full-time, degree-seeking students entering Fall 2013. Returning, readmitted and transfer students will continue to follow the same program requirements outlined in their selected catalog.

Academic Plan		**Milestone Notes**
Term 1	**Hours**	**Term 1**
[1]AGNR 100 or FYS 101	1	2.0 cumulative GPA
[2]AREC 201* or ECON 201* or ECON 207*	4	

BIOL 111*	4	
ENGL 101* or ENGL 118*	3	
[3]Quantitative Reasoning Elective*	3	
	15	
Term 2		**Term 2**
BIOL 112*	4	2.0 cumulative GPA
[3]Communicating Orally Elective*	3	One Natural Sciences Elective*
ENGL 102*	3	
PLSC 462	1	
[3]Quantitative Reasoning Elective*	3	
[4]Unrestricted Elective	2	
	16	
Term 3		**Term 3**
AGNR 291	1	ENGL 101* OR ENGL 118*
CHEM 100* or CHEM 120* or CHEM 127*	4	
PLSC 210, PLSC 240, PLSC 241	7	
[2,3]Social Sciences Elective*	3	
	15	
Term 4		**Term 4**
CHEM 110* or CHEM 130* or CHEM 138*	4	ENGL 102*
ESS 210	4	PLSC 210
PLSC 462	1	
[5]Technical Electives	6	
	15	
Term 5		**Term 5**
[3]Arts and Humanities Elective*	3	Any CASNR course with grade of C or better
[3]Cultures and Civilizations Elective*	3	Any two Arts and Humanities*, Cultures and Civilizations*, Quantitative Reasoning*, or Social Sciences* Electives
EPP 313	3	
PLSC 220 or PLSC 221	3	
[5]Technical Elective	3	
	15	
Term 6		**Term 6**
PLSC 233, PLSC 331, PLSC 341, PLSC 343, PLSC 438, PLSC 442, PLSC 462, PLSC 466	12	No milestones
[4]Unrestricted Elective	2	
	14	
Term 6 ½ (Summer)		**Term 6 ½ (Summer)**
PLSC 492	3	No milestones
	3	
Term 7		**Term 7**
PLSC 250	3	Apply to graduate
[5]Technical Electives	9	
	12	
Term 8		**Term 8**
[3]Arts and Humanities Elective*	3	No milestones
[3]Cultures and Civilizations Elective*	3	
PLSC 441, PLSC 462	3	
[5]Plant Sciences Elective	3	
[4]Unrestricted Elective	3	
	15	
TOTAL	**120**	

* Meets University General Education Requirement.

[1] Required of freshmen only; requirement is waived for transfer students.

[2] AREC 201* (4) Economics of the Global Food and Fiber System or ECON 201* (4) Principles of Economics satisfies the University General Education-Social Science requirement and the major requirement for economics. If the student transfers ECON LD for 3 credit hours, it will satisfy the major requirement for economics but will not satisfy the University General Education-Social Sciences requirement. In these cases, the student should take two courses from the Social Sciences list.

[3] Chosen from the University General Education list after consultation with an advisor. Students must meet the Communicating through Writing requirement by selecting a course with a WC designation. This course may be an Arts and Humanities, Communicating Orally, Cultures and Civilizations, or Social Sciences Elective; a course in the major; or a course from another discipline.

[4]Any courses not already required for the major.

[5] Chosen from any 300-level and above from Agricultural and Resource Economics; Biochemistry and Cellular and Molecular Biology; Biosystems Engineering; Biosystems Engineering Technology; Ecology and Evolutionary Biology; Entomology and Plant Pathology; Environmental and Soil Sciences; Forestry; Plant Sciences; and ACCT 200 or ACCT 207; AGNR 292; ENGL 295*, ENGL 360*; FINC 300; MGT 201, MGT 300; MARK 300.

[6]Chosen from any Plant Sciences course not already required for the major.

COLLEGE OF ARCHITECTURE AND DESIGN

All changes effective Fall 2013

I. COURSE CHANGES

SCHOOL OF ARCHITECTURE

(ARCH) Architecture

DROP

180 Introduction to Architecture (2)

Rationale: This course was previously taught to graduate students during their incoming summer session. It no longer exists, is not listed in the new graduate catalog, and was never available for undergraduate students. Impact on Other Academic Units: None. Financial Impact: None

Course	Catalog Impact
ARCH 180	Plant Sciences major—Landscape Design concentration, footnote 4

ADD AND REQUEST GENERAL EDUCATION DESIGNATION

✱**227 Honors: Modern Architecture Histories and Theories (3)** Students will attend 213 classes with supplementary assignments and/or class meetings.
Satisfies General Education Requirement: (WC)
Registration Permission: Consent of architecture program director.

Rationale: Third in series of history/theory courses; previous two courses have corresponding honors sections. Impact on Other Academic Units: None. Financial Impact: None.

ADD

317 Honors: Materials and Methods of Construction (3) Students will attend 312 classes with supplementary assignments and/or class meetings.
Registration Permission: Consent of architecture program director.

Rationale: Course is being structured for both undergraduate and graduate students. Honors students will participate in similar graduate sections with additional expectations. Impact on Other Academic Units: None. Financial Impact: None.

$488 Honors: Independent Study Self-Directed Design Project (6) Faculty oversight of student initiated topic for design exploration. The design project is related to previous proposal, research, and documentation undertaken by the student.
(RE) Prerequisite(s): 477 or 479.
Comment(s): Open to all honors students.
Registration Permission: Consent of instructor through project approval process.

Rationale: Honors students are eligible to pursue SDP under independent faculty direction. Currently they are able to enroll in ARCH 477 for 6 credits (3 of which are eligible for CHP credit), but this requires an additional DARS audit in order for it to fulfill the studio requirement. By designating an independent study SDP, no additional petition is necessary. Impact on Other Academic Units: None. Financial Impact: None.

ADD

422 Special Topics in Urban Design (1-6) Faculty initiated professional elective involving history and theory of urban form, urban developments, the study of landscape and urbanism, and related issues.
Repeatability: May be repeated. Maximum 12 hours.
Registration Restriction(s): Architecture major or interior design major or consent of instructor.

423 Special Topics in Interior Design (1-6) Faculty initiated professional elective involving interior design, history and theory of interior design, furniture design, lighting design, acoustical design, and related issues.
Repeatability: May be repeated. Maximum 12 hours.
Registration Restriction(s): Architecture major or interior design major or consent of instructor.

424 Special Topics in Landscape Architecture (1-6) Faculty initiated professional elective involving landscape architecture, history and theory of landscape architecture, ecology, and related issues.
Repeatability: May be repeated. Maximum 12 hours.
Registration Restriction(s): Architecture major or interior design major or consent of instructor.

450 Special Topics in History, Theory and Criticism (1-6) Faculty initiated professional elective involving architectural history, theory, and criticism.
Repeatability: May be repeated. Maximum 12 hours.
Registration Restriction(s): Architecture major or interior design major or consent of instructor.

452 Special Topics in Sustainable Design (1-6) Faculty initiated professional elective involving sustainability and progressive environmental design.
Repeatability: May be repeated. Maximum 12 hours.
Registration Restriction(s): Architecture major or interior design major or consent of instructor.

454 Special Topics in Materials and Construction (1-6) Faculty initiated professional elective that explores materials and construction, the physical development of large-scale, component, or installation construction.
Repeatability: May be repeated. Maximum 12 hours.
Registration Restriction(s): Architecture major or interior design major or consent of instructor.

455 Special Topics in Digital Fabrication (1-6) Faculty initiated professional elective involving fabrication and technology in design.
Repeatability: May be repeated. Maximum 12 hours.
Registration Restriction(s): Architecture major or interior design major or consent of instructor.

Rationale: One of several new Special Topics courses that more clearly distinguishes course content. Goal is to alleviate pressure on ARCH 425 Special Topics in Architecture (repository of most professional electives) and to address current repeatability problems. Student transcripts will become more reflective of the course content. Impact on Other Academic Units: None. Financial Impact: None.

REVISE DESCRIPTION, REVISE REGISTRATION RESTRICTION

425 Special Topics in Architecture (1-6) Faculty initiated professional elective in architecture and applied architectural theory.
Registration Restriction(s): Architecture major or interior design major or consent of instructor.
Formerly: Faculty-initiated courses. Topics vary.
Registration Restriction(s): Architecture major or interior design major.

Rationale: With additional, more specific Special Topics course offerings, this course also may be more specifically defined. This course still serves for special topics professional electives not fitting any of the newer categories. Impact on Other Academic Units: None. Financial Impact: None.

ADD COMMENT

479 Preparation for Self-Directed Design Project (3)
Comment(s): This course fulfills requirement for Honors credit. Minimum 3.5 GPA is required.

Rationale: This is an advanced level course open to all Honors students and restricted to non-Honors students who hold a minimum GPA. In recent years the school has used a minimum 3.5 GPA, or by permission of instructor and director. Course operates at an advanced level for undergraduate research. Non-Honors students are expected to perform at the same level as Honors students, thus not warranting separate numeration. Impact on Other Academic Units: None. Financial Impact: None.

REVISE DESCRIPTION, REVISE (RE) PREREQUISITE, REVISE COMMENT

$482 Self-Directed Design Project (6) Faculty oversight of student initiated topic for design exploration. The design project is related to previous proposal, research, and documentation undertaken by the student.
(RE) Prerequisite(s): 479.
Comment(s): This course fulfills requirement for 3 credit hours of Honors thesis.

Formerly: Student-selected project under faculty direction. Formation of project statement, documentation, and analysis of site, program, and precedents. Exploration of design hypothesis that informs the character of a substantial building design.
(RE) Prerequisite(s): 479, 480, 481.
Comment(s): Minimum 2.3 GPA in all design courses is required.

Rationale: Course description modified to reflect design work undertaken, and to differentiate it from 479. Former description reflected course when it was a preparatory class. This is an advanced level course already acting as an Honors course open to all Honors students and non-Honors students, with registration restricted to those who have successfully completed 479. Clarification of credits that fulfill Honors thesis project. Content from 480 and 481 moved to third year studio sequence; 480 and 481 to be removed from the catalog in 2014 and no longer required as prerequisites. Minimum GPA was removed because this is already stipulated in the progression requirements and is redundant here, because expectations for SDP students is actually much higher (3.5 GPA would typically require a similar DGPA), and because this minimum is increasing with the incoming catalog. Impact on Other Academic Units: None. Financial Impact: None.

II. PROGRAM CHANGES

SCHOOL OF ARCHITECTURE

REVISE ARCHITECTURE MAJOR

- Add introductory text for UTracK
- Add ARCH 488 as an option for the design studio requirement
- Update design studio footnote to reflect what is already in the showcase (footnote refers to two courses but there are three in the showcase).
- Specify the different elective requirements for clarity

Rationale: Acknowledges addition of ARCH 488 as a studio option, eliminating the need for a separate DARS audit. Increase in design studio electives reflects previous curricular change where programming and its related studio were moved to third year, eliminating 480 and 481 as required courses. This change makes the fall semester of fifth year open to Design Studio Options. Impact on Other Units: None. Financial Impact: None.

UTracK Requirements (for first-year students)
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 first-time, first-year, full-time, degree-seeking students entering Fall 2013. Returning, readmitted and transfer students will continue to follow the same program requirements outlined in their selected catalog.

Academic Plan

Term 1	**Hours**
ARCH 101 or ARCH 107; ARCH 121	5
[1]ARCH 171	3
ENGL 101* or ENGL 118*	3
[2]MATH 125*	3
[3]Non-Architecture Elective	3
	17
Term 2	
ARCH 102, ARCH 122, ARCH 172	7
ARCH 211* or ARCH 217*	3
[4]Communicating Orally Elective*	3
ENGL 102*	3
	17
Term 3	
ARCH 212* or ARCH 218*; ARCH 221	5
[1]ARCH 271	6
[4]Cultures and Civilizations Elective*	3
PHYS 161*	3
	17
Term 4	
ARCH 232, ARCH 272	9
ARCH 213* or ARCH 227*	3
[4]Cultures and Civilizations Elective*	3
[5]Unrestricted Elective	3
	18
Term 5	
ARCH 331*, ARCH 341, ARCH 370	11
[1]ARCH 371	3
[3]Non-Architecture Elective	3
	17
Term 6	
ARCH 332, ARCH 342, ARCH 372	14

Milestone Notes

Term 1
2.5 cumulative GPA
Term 2
2.5 cumulative GPA
ENGL 102*
MATH 125*
Term 3
2.5 cumulative GPA
Term 4
2.5 cumulative GPA
PHYS 161*
Term 5
2.5 cumulative GPA
Term 6
2.5 cumulative GPA

ARCH 312 or ARCH 317	3	
	17	
[8]**Term 7**		**Term 7**
ARCH 421, ARCH 431	5	2.5 cumulative GPA
[1]ARCH 471	6	
[6]Professional Elective	3	
[4]Social Sciences Elective*	3	
	17	
[8]**Term 8**		**Term 8**
[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	2	
	17	
[8]**Term 9**		**Term 9**
[7]Design Studio Option	6	2.5 cumulative GPA
[4]Natural Sciences w/ Lab Elective*	4	
[6]Professional Elective	3	
[5]Unrestricted Elective	2	
	15	
[8]**Term 10**		**Term 10**
ARCH 462	4	2.5 cumulative GPA
[7]Design Studio Option	6	
[6]Professional Elective	3	
[5]Unrestricted Elective	3	
	16	
TOTAL	**168**	

* Meets University General Education Requirement.
[1] Students are not allowed to enroll simultaneously in two of these design courses.
[2] Students are exempt from MATH 125* with a score of 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 design and landscape architecture not already required for the major.
[4] Chosen from the University General Education list.
[5] Any course not already required for the major.
[6] Chosen from any 300-599 architecture courses or any 300-499 interior design courses.
[7] During the fourth and fifth year, students will select a total of three courses from the following Design Studio Options – ARCH 482, ARCH 483, ARCH 485, ARCH 486, ARCH 488, ARCH 489, ARCH 490.
[8] Students are required to participate in a school-approved study abroad or off-campus semester of study, minimum 12 credit hours including a 6 credit hour design studio. Study will typically occur in the spring of fourth-year, the fall of fifth-year, or the summers after the third or fourth years of study.

SCHOOL OF INTERIOR DESIGN

REVISE INTERIOR DESIGN MAJOR

- Add introductory program text for UTracK

UTracK Requirements (for first-year students)
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 first-time, first-year, full-time, degree-seeking students entering Fall 2013. Returning, readmitted and transfer students will continue to follow the same program requirements outlined in their selected catalog.

Academic Plan		**Milestone Notes**
Term 1	**Hours**	**Term 1**
ARCH 121, ARCH 171	5	2.3 cumulative GPA
ENGL 101* or ENGL 118*	3	
IDS 101 or IDS 107	3	
IDS 212 or IDS 218	3	
	14	
Term 2		**Term 2**
ARCH 122, ARCH 172	6	2.3 cumulative GPA
ARCH 211*, ARCH 217*, IDS 211, or IDS 217	3	ENGL 102*

ARTH 173* or ARTH 178*	3	
ENGL 102*	3	
	15	
Term 3		**Term 3**
ARCH 221	2	2.3 cumulative GPA
ARCH 212* or ARCH 218*	3	MATH 123*
[1]Communicating Orally Elective*	3	
IDS 271	6	
MATH 123*	3	
	17	
Term 4		**Term 4**
IDS 200, IDS 261, IDS 272	12	2.3 cumulative GPA
PHYS 161*	3	IDS 272
[1]Social Sciences Elective*	3	
	18	
Term 5		**Term 5**
ARCH 421	2	2.3 cumulative GPA
IDS 221, IDS 331, IDS 371	10	IDS 371
[1]Natural Sciences w/ Lab Elective*	4	PHYS 161*
	16	
Term 6		**Term 6**
[1]Cultures and Civilizations Elective*	3	2.3 cumulative GPA
IDS 360, IDS 372, IDS 460*	12	IDS 372
IDS 420 or IDS 491	3	
	18	
Term 7		**Term 7**
[1]Cultures and Civilizations Elective*	3	Apply to graduate
IDS 480	3	IDS 471 or IDS 474
IDS 471 or IDS 474	6	
[2]Professional Elective	3	
	15	
Term 8		**Term 8**
[1]Communicating through Writing Elective*	3	IDS 472
IDS 472, IDS 474, or IDS 477	6	
[2]Professional Elective	3	
[1]Social Sciences Elective*	3	
	15	
TOTAL	**128**	

* Meets University General Education Requirement.
[1] Chosen from the University General Education list.
[2] Chosen from any 300-499 interior design courses, any 300-599 architecture courses, or any 400-599 landscape architecture courses.

COLLEGE OF ARTS AND SCIENCES

All changes effective Fall 2013

I. COURSE CHANGES

SCHOOL OF ART

(ARTA) Art Two-Dimensional Arts

REVISE TITLE, REVISE DESCRIPTION

$291 Book Arts and Papermaking (3) Book arts and papermaking as a medium for two- and three-dimensional art. Emphasis on development of a personal form.
Formerly: Papermaking and Book Arts Workshop (3) Papermaking as a medium for two-dimensional and book arts. Emphasis on development of a personal form.

Rationale: Change reflects new directions and emphasis in course content and reflects student interest. Impact on other units: None. Financial impact: None.

(ARTB) Art Three-Dimensional Arts

REVISE (RE) PREREQUISITE

$421 Advanced Ceramic Sculpture (6)
(RE) Prerequisite(s): 321.
Formerly: 323.

$422 Advanced Pottery (6)
(RE) Prerequisite(s): 322.
Formerly: 323.

Rationale: The current prerequisite is incorrect. Impact on other units: None. Financial impact: None.

REVISE CREDIT HOURS, REVISE REPEATABILITY

$449 Special Topics in Sculpture (4)
Repeatability: May be repeated. Maximum 16 hours.
Formerly: (6) Repeatability: May be repeated. Maximum 18 hours.

Rationale: Credit hour reduction is justified because this course is often stacked with ARTB 249 Special Topics in Sculpture (3 credit hours) and the disparity between the two levels is too great. Impact on other units: None. Financial impact: None.

Course	Course Impact
ARTB 449	Art major (BA)—Section II.D, 3D arts list
	Studio Art major—2D Arts concentration, Section II.C, Select 18 hours, 3D arts list
	Studio Art major—3D Arts concentration, Section II.C, Select 18 hours, 3D arts list and Section II.B, Select 20 hours list
	Studio Art major—4D Arts concentration, Section II.C, Select 18 hours, 3D arts list
	Studio Art minor—Required Courses heading, 3D arts list

DEPARTMENT OF BIOCHEMISTRY, CELLULAR AND MOLECULAR BIOLOGY

(BCMB) Biochemistry and Cellular and Molecular Biology

ADD REPEATABILITY, ADD CREDIT RESTRICTION

420 Advanced Topics in Biochemistry and Cellular and Molecular Biology (3)
Repeatability: May be repeated. Maximum 12 hours.
Credit Restriction: Maximum 6 hours may be applied toward the major or the minor in BCMB.

Rationale: BCMB 420 is offered as multiple sections during the semester with different titles, content and instructors. This change will allow students to enroll for more than one section if needed and allow for the additional hours to count towards the major. Impact on other units: None. Financial impact: None.

DEPARTMENT OF CLASSICS

(CLAS) Classics

ADD

498 Honors Thesis (3) For senior classics majors in all honors major concentrations.
Registration Permission: Consent of department.

Rationale: Each of our four undergraduate major concentrations has an honors track that requires a three hour honors thesis. CLAS 493 Independent Study has been used as the thesis course but this has caused some confusion among classics students and in other units. A dedicated thesis course will simplify and clarify the path to completion of the honors thesis. Impact on other units: None. Financial impact: None.

REVISE TITLE (PRIMARY CROSS-LIST)

†**345 Greek and Roman Religion (3)** *(Same as Religious Studies 345.)*
Formerly: Greek Religion.

Rationale: The title of this course was somehow truncated when was added to the catalog through last year's process. This change corrects the clerical error. Impact on other units: Cross listed with Religious Studies. Financial impact: None.

DEPARTMENT OF ENGLISH

(ENGL) English

ADD

340 Science Fiction and Fantasy (3) Literary, historical, and philosophical approaches to Science Fiction and Fantasy.
(RE) Prerequisite(s): 102 or 118.

Rationale: Currently the department offers no courses focusing intensively on the history, forms, and themes of science fiction and fantasy literature. This course would be popular with students taking the College-level distribution requirements but would also introduce majors in literature, rhetoric, and creative writing tracks to the best of science fiction and fantasy literature and its criticism. Impact on other units: None. Financial impact: None.

345 Graphic Novel and Comics (3) Literary and historical approaches to the graphic novel and comics as forms of visual narrative, with focus on narrative themes and formal mixture of visual and story elements.
(RE) Prerequisite(s): 102 or 118.

Rationale: Majors currently have no opportunity to study in depth the complex history and formal assumptions of the graphic novel. This course would allow students to explore the history and provenance of these forms, learn a new and complex formal vocabulary unique to visual storytelling, and engage in a burgeoning critical conversation concerning the social, political, and ethical implications of the graphic novel and comics. Impact on other units: None. Financial impact: None.

DEPARTMENT OF GEOGRAPHY

(GEOG) Geography

ADD

111 Geography of the Digital World (3) Geographic information technology and its embedded spatial concepts in a digital-age society. Creation and interpretation of digital and interactive maps at scales ranging from the local to the global.
Contact Hour Distribution: 2 hours lecture and 2 hours lab.
Grading Restriction(s): Letter grade only.

Rationale: Recent developments in digitized spatial information are transforming human society. Government, corporations, media, and social organizations routinely use automated maps and geographic information technology to visualize such phenomena as resource distribution, disasters events, trade flows, and social networks. The proposed course will provide undergraduates with a good understanding of modern Geographic Information science and its embedded spatial concepts. Impact on other units: No direct impact. The course should be of interest to undergraduates in many other departments and colleges. Financial impact: None.

DEPARTMENT OF HISTORY

(HIST) History

ADD

363 U.S. Constitutional History to 1877 (3) The constitutional development of the United States through the end of Reconstruction. Topics include the foundations of constitutional government, law and economic development, sovereignty, balance of Federal and state power, individual rights, and the courts. Writing-emphasis course.

364 U.S. Constitutional History from 1877 to the Present (3) The constitutional development of the United States from the end of Reconstruction to the present. Topics include immigration and imperial expansion, substantive due process, the New Deal Court, civil liberties during war, the administrative state, and individual rights. Writing-emphasis course.

Rationale: These courses are routinely offered as topics courses and require petitions to count for the major. They need to have their own numbers to eliminate the need for petitions. Impact on other units: None. Financial impact: None.

ADD PRIMARY CROSS-LIST (TO EXISTING COURSE)

†**326 Gay American History (3)** History of same-sex desires, behaviors, relations, and politics from colonial America to the present. Writing-emphasis course. *(Same as American Studies 326.)*

†**436 History of Gender and Sexuality in the U.S. (3)** Topical examination of the role of gender and sexuality in American social and cultural history. Topics include marriage, sexual identity, reproductive rights, interracial sexual relations, courtship and dating. Writing-emphasis course. *(Same as American Studies 436.)*

†**440 War and Truth in America (3)** Explores the relationship between the U.S. government and the press in times of war, with emphasis on the conflict between First Amendment rights and the demands of national security. Writing-emphasis course. *(Same as American Studies 440.)*

Rationale: These are appropriate courses for the American Studies program. Cross-listing them will attract AMST majors and promote enrollment. Impact on other units: Cross-listing with American Studies. Financial impact: None.

ADD REGISTRATION RESTRICTION

499 Senior Research Seminar (3)
Registration Restriction(s): History majors only.

Rationale: This is the capstone seminar for the major and all majors need it to graduate. The cap is kept strictly at 15 and in the past we have had problems with non-majors signing up and taking seats away from the majors. Impact on other units: None. Financial impact: None.

Course	Course Impact
HIST 499	History major—Select 24 upper-division hours heading, Complete subheading

INTERDISCIPLINARY PROGRAMS

(AMST) American Studies

ADD SECONDARY CROSS-LIST

†**326 Gay American History (3)** *(See History 326.)*

†**436 History of Gender and Sexuality in the U.S. (3)** *(See History 436.)*

†**440 War and Truth in America (3)** *(See History 440.)*

Rationale: These courses are appropriate for the American Studies program. Impact on other units: Cross-listed History courses. Financial impact: None.

(ARAB) Arabic

ADD

331 Advanced Arabic Composition and Grammar (3) Provides preparation in writing skills and develops a better understanding of grammar through developing reading comprehension, vocabulary acquisition and compositions on assigned topics.
(DE) Prerequisite(s): 221 and 222 or by placement test.
Rationale: This course will provide students with advanced writing and grammatical skills in Arabic and is needed for students who successfully completed ARAB 222 and would like to pursue learning Arabic further. Impact on other units: None. Financial impact: None.

332 Formal Spoken Arabic (3) Increases spoken Arabic proficiency by focusing on interactive functional skills in communicative situations such as vocabulary retention and listening comprehension. This course enables students to actively and appropriately communicate with native speakers of Arabic on a wide range of topics.
(DE) Prerequisite(s): 331 or by placement test.

Rationale: Needed for students who successfully complete ARAB 331 and wish to develop spoken Arabic through communicative skills exercises. Impact on other units: None. Financial impact: None.

(INPG) Interdisciplinary Programs

ADD

497 Honors Thesis (1-3) Individual work by an advanced undergraduate student, culminating in the production of a written thesis. The thesis must be approved by a faculty mentor. Acceptable for major or minor credit in any interdisciplinary program with the consent of the Director of Interdisciplinary Programs and the respective chairperson.
Registration Permission: Consent of instructor.

Rationale: Provides opportunity for students majoring in Interdisciplinary Programs to complete an honors thesis. Impact on other units: None. Financial impact: None.

(JST) Judaic Studies

ADD SECONDARY CROSS-LIST

†**413 Seminar in Early Judaism (3)** *(See Religious Studies 413.)*

Rationale: This is an appropriate course for the Judaic Studies program. Impact on other units: Cross-listed Religious Studies course. Financial impact: None.

(MRST) Medieval and Renaissance Studies

DROP (RE) PREREQUISITE

262 Medieval Culture: Readings from the Later Middle Ages, 1000-1500 (3)
Formerly: 261.

Rationale: The material treated in MRST 262 is independent of the material treated in MRST 261 so the courses may be taken in either order. Impact on other units: None. Financial impact: None.

DEPARTMENT OF MICROBIOLOGY

(MICR) Microbiology

REVISE DESCRIPTION, REVISE (DE) PREREQUISITE

420 Microbial Pathogenesis (3) A broad study of host-pathogen relationships including the biochemical, cellular, genetic, genomic and evolutionary factors which play a role in the pathogenesis of bacterial and eukaryotic microorganisms.
(DE) Prerequisite(s): 310.
Formerly: A broad study of host-pathogen relationships including the biochemical, cellular, genetic, genomic and evolutionary factors which play a role in microbial pathogenesis.
(DE) Prerequisite(s): 310 and 430.

Rationale: It was determined by the course instructors that MICR 430 is not a necessary prerequisite for this course and that the MICR 310 prerequisite is sufficient. Impact on other units: None. Financial impact: None.

REVISE TITLE, REVISE DESCRIPTION, DROP REPEATABILITY, DROP CREDIT RESTRICTION

495 Senior Seminar: Perspectives in Microbiology (3) Development of professional skills (oral presentation, critical analysis and writing) with consideration of microbiological problems of current and historical interest. The historical background, impact on society, future directions of the science of microbiology are discussed. Emphasis on oral presentations and written reports and the development of constructive critical technique.

Formerly: Senior Seminar (3) In-depth consideration of microbiological problems of current interest requiring an integration of two or more disciplines. Emphasis on original literature and the experimental basis of current knowledge. Historical background, impact on society, predictions of the future, and the basis of moral and ethical judgments. Written reports are required. A capstone course.
Repeatability: May be repeated. Maximum 6 hours.
Credit Restriction: Maximum of 3 hours may be applied toward the major.

Rationale: The instructor is submitting a proposal to have this course satisfy the Gen Ed oral communication requirement (for next year) and feels the proposed edits are needed to reflect changes in the emphasis of the course. Impact on other units: None anticipated. Financial impact: None.

DEPARTMENT OF MODERN FOREIGN LANGUAGES AND LITERATURES

(FREN) French

REVISE DESCRIPTION, DROP (RE) PREREQUISITE, ADD COMMENT

†**420 French Cinema (3)** The French cinema from its earliest days to the present; introduction to Francophone film. Taught in English. Films in French with English subtitles. Writing-emphasis course. *(Same as Cinema Studies 420.)*
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.
Formerly: The French cinema from its earliest days through the New Wave directors. May be applied toward the French major. Writing-emphasis course. (Same as Cinema Studies 420.)
(RE) Prerequisite(s): 351 or 352.

Rationale: The description needs updating since the course does not end with the 1960s. (RE) Prerequisite is not needed as English speakers and writers are welcome. French credit is possible with reading and writing in French. Impact on other units: Cross-listed with Cinema Studies. Financial impact: None.

SCHOOL OF MUSIC

(MUED) Music Education

ADD REGISTRATION RESTRICTION

210 Class Woodwind Methods I (1)
Registration Restriction(s): Bachelor of Music – Music majors only.

211 Class Woodwind Methods II (1)
Registration Restriction(s): Bachelor of Music – Music majors only.

212 Class Woodwind Methods III (1)
Registration Restriction(s): Bachelor of Music – Music majors only.

220 Class Brass Methods (1)
Registration Restriction(s): Bachelor of Music – Music majors only.

221 Class Brass Methods II (1)
Registration Restriction(s): Bachelor of Music – Music majors only.

230 Class Percussion Methods I (1)
Registration Restriction(s): Bachelor of Music – Music majors only.

240 Class String Methods I (1)
Registration Restriction(s): Bachelor of Music – Music majors only.

241 Class String Methods II (1)
Registration Restriction(s): Bachelor of Music – Music majors only.

250 Functional Piano for Teachers (2)
Registration Restriction(s): Bachelor of Music – Music Education concentrations only.

251 Functional Piano for Teachers II (1)

Registration Restriction(s): Bachelor of Music – Music Education concentrations only.

Rationale: We wish to restrict the students in these classes to music majors that have the requisite knowledge for the classes. Impact on other units: None. Financial impact: None.

Course	Course Impact
MUED 210	Music major—Music Education concentration, String emphasis, 2nd year
	Music major—Music Education concentration, Woodwind/Brass/Percussion emphasis, 2nd year
	Music major—Music Education concentration, Vocal-General/Vocal emphasis, 3rd year
	Music major—Music Education concentration, Vocal-General/Keyboard emphasis, 3rd year
MUED 211	Music major—Music Education concentration, String emphasis, 2nd year
	Music major—Music Education concentration, Woodwind/Brass/Percussion emphasis, 2nd year
	Music major—Music Education concentration, Vocal-General/Vocal emphasis, 3rd year
	Music major—Music Education concentration, Vocal-General/Keyboard emphasis, 3rd year
MUED 212	Music major—Music Education concentration, Woodwind/Brass/Percussion emphasis, 3rd year
MUED 220	Music major—Music Education concentration, String emphasis, 2nd year
	Music major—Music Education concentration, Woodwind/Brass/Percussion emphasis, 2nd year
MUED 221	Music major—Music Education concentration, String emphasis, 2nd year
	Music major—Music Education concentration, Woodwind/Brass/Percussion emphasis, 2nd year
MUED 230	Music major—Music Education concentration, String emphasis, 3rd year
	Music major—Music Education concentration, Woodwind/Brass/Percussion emphasis, 1st year
MUED 240	Music major—Music Education concentration, String emphasis, 1st year
	Music major—Music Education concentration, Woodwind/Brass/Percussion emphasis, 1st year
	Music major—Music Education concentration, Vocal-General/Vocal emphasis, 1st year
	Music major—Music Education concentration, Vocal-General/Keyboard emphasis, 1st year
MUED 241	Music major—Music Education concentration, String emphasis, 1st year
	Music major—Music Education concentration, Woodwind/Brass/Percussion emphasis, 1st year
MUED 250	Music major—Music Education concentration, Vocal-General/Vocal emphasis, 3rd year
MUED 251	Music major—Music Education concentration, Vocal-General/Keyboard emphasis, 3rd year

DEPARTMENT OF PHILOSOPHY

(PHIL) Philosophy

REVISE TITLE (SECONDARY CROSS-LIST)

†**374 Hindu Traditions (3)** *(See Religious Studies 374.)*
Formerly: Introduction to Hinduism.

†**376 Buddhism in South and Southeast Asia (3)** *(See Religious Studies 376.)*
Formerly: Introduction to Buddhism.

Rationale: The primary department is revising the titles to these courses. Impact on other units: Cross-listed Religious Studies courses. Financial impact: None.

DEPARTMENT OF RELIGIOUS STUDIES

(REST) Religious Studies

ADD

121 Elementary Biblical Hebrew I (3) Basic elements of Biblical and Classical Hebrew phonology, script, morphology, and syntax.

122 Elementary Biblical Hebrew II (3) Basic elements of Biblical and Classical Hebrew phonology, script, morphology, and syntax.
(RE) Prerequisite(s): 121 or permission of instructor.

221 Intermediate Biblical Hebrew I (3) Readings in narrative material from the Hebrew Bible and contemporaneous Hebrew literature.
(RE) Prerequisite(s): 122 or permission of instructor.

222 Intermediate Biblical Hebrew II (3) Readings in poetic and prophetic material from the Hebrew Bible and contemporaneous Hebrew literature.
(RE) Prerequisite(s): 221 or permission of instructor.

DROP

309 Elementary Classical Hebrew (3)
310 Elementary Classical Hebrew (3)
329 Intermediate Classical Hebrew (3)
330 Intermediate Classical Hebrew (3)

Equivalency Table

Current Courses Religious Studies (REST)	Equivalent Courses Effective Fall 2013 Religious Studies (REST)
309	121
310	122
329	221
330	222

Rationale: These courses have been taught as 300 level courses. They are being added as 100 and 200 level courses where they are more appropriate. Impact on other units: None. Financial impact: None.

Course	Course Impact
REST 309	Interdisciplinary Programs major—Linguistics concentration, Corequisites heading, Complete a two-semester sequence (non-Indo-European language) subheading
REST 310	Interdisciplinary Programs major—Linguistics concentration, Corequisites heading, Complete a two-semester sequence (non-Indo-European language) subheading
REST 329	REST 330 prerequisite
REST 330	None

ADD

334 Shari'a: Islamic Law and Ethics (3) A study of Islamic law and ethics - its sources, theories, applications, and varied interpretations in pre-modern and modern historical contexts. Will cover ritual, commercial, criminal, inheritance, and family law.
Credit Restriction: May not receive credit for both Religious Studies 334 and Religious Studies 534.

Rationale: This course is in the area of expertise of a new faculty member. Islamic law remains severely misunderstood in the West. This course will give students the opportunity to study the subject in detail. It should have wide appeal across the university.

ADD AND CROSS-LIST, REQUEST VARIABLE TITLE

†**413 Seminar in Early Judaism (3)** A thematic study of early Judaism in the biblical and rabbinic periods. Themes will vary.
(Same as Judaic Studies 413.)
Repeatability: May be repeated. Maximum 6 hours.

Rationale: This course will allow our new hire in Early Judaism to offer a range of senior seminars in her area of expertise. Impact on other units: Cross-listed with Judaic Studies. Financial impact: None.

REVISE TITLE

476 Religion, Culture, and Power in Contemporary Asia (3)
Formerly: Religion, Culture, and Power in Modern and Contemporary Asia.

Rationale: The new title better reflects the time period and methodological focus of the course as it is being taught. Impact on other units: None. Financial impact: None.

†**374 Hindu Traditions (3)** *(Same as Philosophy 374.)*
Formerly: Introduction to Hinduism.

†**376 Buddhism in South and Southeast Asia (3)** *(Same as Philosophy 376.)*
Formerly: Introduction to Buddhism.

Rationale: New 200 level courses were created to replace the 300 level intro courses. The titles of these 300 level courses are being revised to a title that is not introductory so they can be taught with higher level subject matter. Impact on other units: Cross listed with Philosophy. Financial impact: None.

†**345 Greek and Roman Religion (3)** *(See Classics 345.)*

Formerly: Greek Religion.

Rationale: The primary department is revising the title of this course. Impact on other units: Cross listed Classics course. Financial impact: None.

DEPARTMENT OF THEATRE

(THEA) Theatre

ADD

373 Introduction to Sound Design (3) Developing a basic understanding of the properties and perceptions of sound, audio technologies, and the theatrical sound design process.

473 Advanced Sound Design (3) Advanced application of theatrical sound design practice, principles, and technology.
(RE) Prerequisite(s): 373 or consent of instructor.

475 Projection and Media Design (3) The creation and execution of digital media for theatrical projection and multimedia/performance integration.

Rationale: The department made a recent tenure line hire in sound design and digital media to complete the technology/design scope of the department. These courses are part of his desired program/curriculum. Impact on other units: None. Financial impact: None.

REVISE (RE) PREREQUISITE

430 Principles of Play Directing (3)
(RE) Prerequisite(s): 220, 300.
Formerly: 220.

Rationale: Fundamental understanding of Script Analysis (THEA 300) is essential for success in this course. Impact on other units: None. Financial impact: None.

REVISE DESCRIPTION, ADD (RE) PREREQUISITE

446 Costume Patterning (3) Techniques in making patterns for theatrical costume.
(RE) Prerequisite(s): 345.
Formerly: Draping patterns for period costumes. Includes corsetry and the study of historic patterns 1500-1900.

Rationale: The new description is more appropriate for the course. Fundamental understanding of costume construction is essential for success in this course. Impact on other units: None. Financial impact: None.

REVISE CREDIT HOURS, ADD COMMENT

481 Applied Theatre (1-2)
Comment(s): 2 credit hours will only be given for Stage Managing a production. All other positions will receive 1 credit hour.
Formerly: (1).

Rationale: Because of the responsibility, commitment, and duties of the Stage Manager, the Department Curriculum Committee recommends that these 2 credits be given as Production Practicum credits (THEA 481) rather than as independent study hours, due to the nature of the assignment. Impact on other units: None. Financial impact: None.

Course	Course Impact
THEA 481	None

II. PROGRAM CHANGES

REVISE COLLEGE TEXT (PART B: UPPER LEVEL DISTRIBUTION REQUIREMENTS)

List A—United States Studies
Add: HIST 363, HIST 364

List B—Foreign Studies—Asia
Add: HIST 391

◈ADD ARTS AND SCIENCES EXPLORATORY MAJOR

COURSE SUBJECT AND TITLE	HRS	ADVISING NOTES	MILESTONES
TERM ONE			
Select one of the following first year seminars: FYS 101: First Year Studies FYS 129: Freshman Seminar COUN 205: Exploring Majors and Careers COUN 212: Career and Personal Development UNHO 101: Chancellor's Honors First-Year Seminar	1		• Completion of at least 12 credit hours
COMMUNICATING THROUGH WRITING (WC) ENGL 101 or 102: English Composition OR ENGL 121 or 131: English for Non-Native Speakers, OR ENGL 118: Honors English Composition	3	SAT/ACT/EPE and AP/dual enrollment credit determines placement in English Composition	
QUANTITATIVE REASONING (QR)	3-4	SAT/ACT or Math Department Placement Exam or AP/dual enrollment credit determines placement in mathematics	
Option A MATH 113 or 117: Mathematical Reasoning OR MATH 115: Statistical Reasoning OR COSC 100: Introduction to Computers and Computing OR COSC 102: Introduction to Computer Science		For students whose major or minor interests do not include programs with specific math requirements	
Option B MATH 123: Finite Mathematics OR MATH 125: Basic Calculus		• For students whose major or minor interests include programs with specific math requirements other than Math 141-142 or Math 151-152 • MATH 125 has a pre-requisite of MATH 119 or Math ACT 25.	
Option C MATH 141 or 147: Calculus I OR MATH 151: Mathematics for the Life Sciences		• For students whose major or minor interests include programs with a mathematics requirement of Math 141-142 or Math 151-152 • MATH 141 and MATH 151 have a pre-requisite of MATH 130 or Math ACT 28.	
Option D Advanced math chosen from approved QR list OR STAT 201 or 207: Introduction to Statistics		Course chosen depends on major or minor interests and previous background	
NATURAL SCIENCE LAB (NS) Astronomy, Biology, Chemistry, Geography, Geology, Physics (particular course depends on major interests)	4	Consult undergraduate catalog and academic advisor for best option	
SOCIAL SCIENCE (SS) OR FOREIGN LANGUAGE	3	Intermediate foreign language satisfies the CULTURES & CIVILIZATION (CC) requirement.	
General Elective	0-1		
TERM TWO			
COMMUNICATING THROUGH WRITING (WC) ENGL 102: English Composition OR ENGL 131 or 132: English for Non-Native Speakers	3	Students who complete ENGL 118 with a B or higher may complete the English composition requirement by taking ENGL 102, a sophomore English course, or ENGL 355	• First Year Seminar • ENGL 101 or equivalent
QUANTITATIVE REASONING (QR)	3		
NATURAL SCIENCE (NS)	3-4		
FOREIGN LANGUAGE or general elective to explore a potential major	3	Intermediate foreign language satisfies the CULTURES & CIVILIZATION (CC) requirement.	

SOCIAL SCIENCE (SS)	3		
TERM THREE			
COMMUNICATING THROUGH WRITING (WC) Writing intensive course appropriate for major interest or elective if appropriate course has registration restrictions	3		• ENGL 102 or equivalent • Quantitative Reasoning course. • Natural Science course. • Social Science or Foreign Language course.
COMMUNICATING ORALLY (OC)	3		
SOCIAL SCIENCE (SS) OR NON-U.S. HISTORY	3	If FOREIGN LANGUAGE was selected in TERM ONE, SOCIAL SCIENCE may be selected here.	
ARTS AND HUMANITIES (AH)	3		
FOREIGN LANGUAGE or general elective to explore a potential major	3	If intermediate competency has been met in foreign language, then a general elective may be chosen here.	

◈ADD ARTS AND SCIENCES EXPLORATORY MAJOR - PRE-PROFESSIONAL TRACK
(CLINICAL LABORATORY SCIENCE, DENTISTRY, MEDICINE, PHARMACY, VETERINARY MEDICINE)

COURSE SUBJECT AND TITLE	**HRS**	**ADVISING NOTES**	**MILESTONES**
TERM ONE			
Select one of the following first year seminars: FYS 101: First Year Studies FYS 129: Freshman Seminar COUN 205: Exploring Majors and Careers COUN 212: Career and Personal Development UNHO 101: Chancellor's Honors First-Year Seminar INPG 100: Introduction to Health Care Delivery	1		• Completion of at least 12 credit hours • MATH 119 or Math ACT 25 • Complete with C or better BIOL 130 (or equivalent) or CHEM 120
COMMUNICATING THROUGH WRITING (WC) ENGL 101 or 102: English Composition OR ENGL 121 or 131: English for Non-Native Speakers, OR ENGL 118: Honors English Composition	3	SAT/ACT/EPE and AP/dual enrollment credit determines placement in English Composition	
QUANTITATIVE REASONING (QR)	3-4	• SAT/ACT or Math Department Placement Exam or AP/dual enrollment credit determines placement in mathematics. • Physics 221 has a pre-requisite of Math 125, 130, 151, or 141.	
Option A MATH 125: Basic Calculus		• For students whose major or minor interests include programs with specific math requirements other than Math 141-142 or Math 151-152 • MATH 125 has a pre-requisite of MATH 119 or Math ACT 25.	
Option B MATH 141 or 147: Calculus I OR MATH 151: Mathematics for the Life Sciences		• For students whose major or minor interests include programs with a mathematics requirement of Math 141-142 or Math 151-152 • MATH 141 and MATH 151 have a pre-requisite of MATH 130 or Math ACT of 28.	
NATURAL SCIENCE (NS) BIOL 130 or 138: Biodiversity	4		
NATURAL SCIENCE (NS) CHEM 120 or 128: General Chemistry I	4	MATH 119: College Algebra or Math ACT 25 is a pre-requisite to CHEM 120.	
TERM TWO			

COMMUNICATING THROUGH WRITING (WC) ENGL 102: English Composition OR ENGL 131 or 132: English for Non-Native Speakers	3	Students who complete ENGL 118 with a B or higher may complete the English composition requirement by taking ENGL 102, a sophomore English course, or ENGL 355	• ENGL 101 or equivalent • Complete with C or better an additional course from BIOL 130 (or equivalent) or CHEM 120
QUANTITATIVE REASONING (QR)	3-4	STAT 201 is required for pre-pharmacy.	
NATURAL SCIENCE (NS) BIOL 140 or 148: Organization and Function of the Cell	4		
NATURAL SCIENCE (NS) CHEM 130 or 138: General Chemistry II	4		
General Elective	0-1		
TERM THREE			
BIOL 240: General Genetics	4		• ENGL 102 or equivalent • Quantitative Reasoning course. • Complete with C or better an additional course from BIOL 130 (or equivalent) or BIOL 140.
CHEM 350 or 358: Organic Chemistry I	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.	

For more information on specific health professions programs, see Arts & Sciences Pre-Health.

◈ADD UNIVERSITY EXPLORATORY MAJOR (TO BE PLACED UNDER A SEPARATE CATALOG HEADING)

COURSE SUBJECT AND TITLE	HRS	ADVISING NOTES	MILESTONES
TERM ONE			
Select one of the following first year seminars: FYS 101: First Year Studies FYS 129: Freshman Seminar COUN 205: Exploring Majors and Careers COUN 212: Career and Personal Development UNHO 101: Chancellor's Honors First-Year Seminar BUAD 100: Approaches to the College of Business Administration AGNR 100: Orientation to Studies in Agriculture and Natural Resources	1		• Completion of at least 12 credit hours
COMMUNICATING THROUGH WRITING (WC) ENGL 101 or 102: English Composition OR ENGL 121 or 131: English for Non-Native Speakers, OR ENGL 118: Honors English Composition	3	SAT/ACT/EPE and AP/dual enrollment credit determines placement in English Composition	
QUANTITATIVE REASONING (QR)	3-4	SAT/ACT or Math Department Placement Exam or AP/dual enrollment credit determines placement in mathematics	
Option A MATH 113 or 117: Mathematical Reasoning OR MATH 115: Statistical Reasoning OR COSC 100: Introduction to Computers and Computing OR COSC 102: Introduction to Computer Science		• For students whose major or minor interests do not include programs with specific math requirements • Option B or C may be chosen if qualifying Math ACT score	

Option B MATH 123: Finite Mathematics OR MATH 125: Basic Calculus		• For students whose major or minor interests include programs with specific math requirements other than Math 141-142 or Math 151-152 • MATH 125 has a pre-requisite of MATH 119 or Math ACT 25.	
Option C MATH 141 or 147: Calculus I OR MATH 151: Mathematics for the Life Sciences		• For students whose major or minor interests include programs with a mathematics requirement of Math 141-142 or Math 151-152 • MATH 141 and MATH 151 have a pre-requisite of MATH 130 or Math ACT of 28.	
Option D Advanced math chosen from approved QR list OR STAT 201 or 207: Introduction to Statistics		• Course chosen depends on major or minor interests and previous background	
NATURAL SCIENCE (NS) Astronomy, Biology, Chemistry, Geography, Geology, Physics (particular course depends on major interests)	3-4	Consult undergraduate catalog and academic advisor for best option	
SOCIAL SCIENCE (SS) OR CULTURES & CIVILIZATIONS (CC)	3	Intermediate foreign language satisfies the CC requirement.	
General Elective	0-2		
TERM TWO			
COMMUNICATING THROUGH WRITING (WC) ENGL 102: English Composition OR ENGL 131 or 132: English for Non-Native Speakers	3	Students who complete ENGL 118 with a B or higher may complete the English composition requirement by taking ENGL 102, a sophomore English course, or ENGL 355	• First Year Seminar • ENGL 101 or equivalent
QUANTITATIVE REASONING (QR)	3-4		
NATURAL SCIENCE (NS)	3-4		
SOCIAL SCIENCE (SS) OR CULTURES & CIVILIZATIONS (CC)	3		
General elective to explore a potential major	3		
TERM THREE			
COMMUNICATING THROUGH WRITING (WC) Writing intensive course appropriate for major interest or elective if appropriate course has registration restrictions	3		• ENGL 102 or equivalent • Quantitative Reasoning course. • Natural Science course. • Social Science or Cultures and Civilizations course.
COMMUNICATING ORALLY (OC)	3		
SOCIAL SCIENCE (SS) OR CULTURES & CIVILIZATIONS (CC)	3	If CULTURES AND CIVILIZATIONS was completed in first year, SOCIAL SCIENCE should be selected here (and vice versa).	
ARTS AND HUMANITIES (AH)	3	Students should select a literature or philosophical course if they have already taken a course from the arts.	
Course specific to major and/or college interest	3		

SCHOOL OF ART

REVISE ART MAJOR (BA)

II. Major (27 hours)
A. Select 12 hours 200-level studio courses (covering three of the following four areas):
Two-Dimensional Arts
ARTA 211 - Drawing I
ARTA 212 - Drawing II
ARTA 213 - Painting I: Introduction
ARTA 214 - Painting II

ARTA 215 - Watercolor I: Introduction
ARTA 216 - Watercolor II
ARTA 219 - Special Topics in Drawing/Painting
ARTA 231 - Photography I
ARTA 262 - Intaglio I
ARTA 263 - Lithography I
ARTA 264 - Screen Printing I
ARTA 265 - Relief
ARTA 266 - Monoprint and Monotype
ARTA 269 - Special Topics in Printmaking
ARTA 291 - Book Arts and Papermaking

Three-Dimensional Arts

ARTB 221 - Ceramic Sculpture
ARTB 222 - Beginning Pottery
ARTB 225 - Portfolio Practicum — Handbuilding
ARTB 226 - Portfolio Practicum — Throwing
ARTB 229 - Ceramics: Special Topics
ARTB 240 - Techniques and Tools
ARTB 241 - Beginning Sculpture
ARTB 242 - Figuring the Body
ARTB 243 - Mold-Making and Casting
ARTB 245 - Metal Fabrication
ARTB 246 - Mixed Media Sculpture
ARTB 249 - Special Topics in Sculpture

Four-Dimensional Arts

ARTC 232 - Introduction to Performance as Art
ARTC 234 - Introduction to Sound Art
ARTC 235 - Introduction to Cinematography as Art
ARTC 236 - Introduction to Video Art
ARTC 239 - Special Topics in Four-Dimensional Arts

Graphic Design

ARTD 251 - Beginning Graphic Design I
ARTD 252 - Beginning Graphic Design II
ARTD 255 - Graphic Design Production
ARTD 259 - Special Topics: Graphic Design

B. Select 15 hours 300-400 level studio courses:

Two-Dimensional Arts

ARTA 311 - Drawing III
ARTA 312 - Drawing Portfolio Review
ARTA 313 - Painting III
ARTA 314 - Painting Portfolio Review
ARTA 331 - Photography II
ARTA 341 - Digital Photography
ARTA 342 - Large Format Photography I
ARTA 361 - Intermediate Print Workshop
ARTA 411 - Drawing IV
ARTA 413 - Painting IV
ARTA 419 - Special Topics in Drawing and Painting
ARTA 431 - Photography III
ARTA 461 - Advanced Print Workshop
ARTA 469 - Special Topics in Printmaking
ARTA 493 - Independent Study
ARTA 494 - Individual Problems
ARTA 495 - Visiting Artist Seminar

Three-Dimensional Arts

ARTB 321 - Intermediate Ceramic Sculpture
ARTB 322 - Intermediate Pottery
ARTB 323 - Intermediate Pottery and Ceramic Sculpture
ARTB 341 - Intermediate Sculpture
ARTB 343 - Advanced Mold-Making and Casting
ARTB 345 - Advanced Metal Fabrication
ARTB 346 - Advanced Mixed Media Sculpture
ARTB 421 - Advanced Ceramic Sculpture
ARTB 422 - Advanced Pottery
ARTB 424 - Ceramics: Clays and Glazes
ARTB 429 - Ceramics: Special Topics
ARTB 441 - Advanced Sculpture
ARTB 449 - Special Topics in Sculpture
ARTB 493 - Independent Study

ARTB 494 - Individual Problems
ARTB 495 - Visiting Artist Seminar

Four-Dimensional Arts
ARTC 401 - Experiments in Sequencing
ARTC 402 - Experiments in Space
ARTC 403 - Experiments in Systems
ARTC 432 - Performance as Art
ARTC 434 - Sound Art
ARTC 435 - Cinematography as Art
ARTC 436 - Video Art
ARTC 439 - Special Topics in Four-Dimensional Arts
ARTC 493 - Independent Study
ARTC 494 - Individual Problems
ARTC 495 - Visiting Artist Seminar

Graphic Design
ARTD 351 - Intermediate Graphic Design I
ARTD 352 - Intermediate Graphic Design II
ARTD 400 - Typography
ARTD 401 - Experiments in Sequencing
ARTD 402 - Experiments in Space
ARTD 403 - Experiments in Systems
ARTD 405 - Computer Enhanced Graphic Design
ARTD 410 - Advanced Typographic Investigation
ARTD 425 - Illustration
ARTD 450 - Design in Culture
ARTD 459 - Special Topics in Graphic Design
ARTD 493 - Independent Study
ARTD 494 - Individual Problems
ARTD 495 - Visiting Artist Seminar

Formerly:
A. Select up to 6 hours (200-level studio courses) in Two-Dimensional Arts or Graphic Design:
ARTA 211 - Drawing I
ARTA 212 - Drawing II
ARTA 213 - Painting I: Introduction
ARTA 214 - Painting II
ARTA 215 - Watercolor I: Introduction
ARTA 216 - Watercolor II
ARTA 219 - Special Topics in Drawing/Painting
ARTA 231 - Photography I
ARTA 262 - Intaglio I
ARTA 263 - Lithography I
ARTA 264 - Screen Printing I
ARTA 265 - Relief
ARTA 266 - Monoprint and Monotype
ARTA 269 - Special Topics in Printmaking
ARTA 291 - Papermaking and Book Arts Workshop
ARTD 251 - Beginning Graphic Design I
ARTD 252 - Beginning Graphic Design II
ARTD 255 - Graphic Design Production
ARTD 259 - Special Topics: Graphic Design

B. Select up to 3 hours (200-level studio courses) in Three-Dimensional Arts:
ARTB 221 - Ceramic Sculpture
ARTB 222 - Beginning Pottery
ARTB 225 - Portfolio Practicum — Handbuilding
ARTB 226 - Portfolio Practicum — Throwing
ARTB 229 - Ceramics: Special Topics
ARTB 240 - Techniques and Tools
ARTB 241 - Beginning Sculpture
ARTB 242 - Figuring the Body
ARTB 243 - Mold-Making and Casting
ARTB 245 - Metal Fabrication
ARTB 246 - Mixed Media Sculpture
ARTB 249 - Special Topics in Sculpture

C. Select up to 3 hours (200-level studio courses) in Four-Dimensional Arts:
ARTC 232 - Introduction to Performance as Art
ARTC 234 - Introduction to Sound Art

Three-Dimensional Arts

ARTB 321 - Intermediate Ceramic Sculpture
ARTB 322 - Intermediate Pottery
ARTB 323 - Intermediate Pottery and Ceramic Sculpture
ARTB 341 - Intermediate Sculpture
ARTB 343 - Advanced Mold-Making and Casting
ARTB 345 - Advanced Metal Fabrication
ARTB 346 - Advanced Mixed Media Sculpture
ARTB 421 - Advanced Ceramic Sculpture
ARTB 422 - Advanced Pottery
ARTB 424 - Ceramics: Clays and Glazes
ARTB 429 - Ceramics: Special Topics
ARTB 441 - Advanced Sculpture
ARTB 449 - Special Topics in Sculpture
ARTB 493 - Independent Study
ARTB 494 - Individual Problems
ARTB 495 - Visiting Artist Seminar

Four-Dimensional Arts
ARTC 401 - Experiments in Sequencing
ARTC 402 - Experiments in Space
ARTC 403 - Experiments in Systems

ARTC 432 - Performance as Art
ARTC 434 - Sound Art
ARTC 435 - Cinematography as Art
ARTC 436 - Video Art
ARTC 439 - Special Topics in Four-Dimensional Arts
ARTC 493 - Independent Study
ARTC 494 - Individual Problems
ARTC 495 - Visiting Artist Seminar

Graphic Design
ARTD 351 - Intermediate Graphic Design I
ARTD 352 - Intermediate Graphic Design II
ARTD 400 - Typography
ARTD 401 - Experiments in Sequencing

ARTD 402 - Experiments in Space
ARTD 403 - Experiments in Systems

ARTC 235 - Introduction to Cinematography as Art
ARTC 236 - Introduction to Video Art
ARTC 239 - Special Topics in Four-Dimensional Arts

D. Select at least 15 hours (300-400 level studio courses) in at least two of the following four areas:
Two-Dimensional Arts
ARTA 311 - Drawing III
ARTA 312 - Drawing Portfolio Review
ARTA 313 - Painting III
ARTA 314 - Painting Portfolio Review
ARTA 331 - Photography II
ARTA 341 - Digital Photography
ARTA 342 - Large Format Photography I
ARTA 361 - Intermediate Print Workshop
ARTA 411 - Drawing IV
ARTA 413 - Painting IV
ARTA 419 - Special Topics in Drawing and Painting
ARTA 431 - Photography III
ARTA 461 - Advanced Print Workshop
ARTA 469 - Special Topics in Printmaking
ARTA 493 - Independent Study
ARTA 494 - Individual Problems
ARTA 495 - Visiting Artist Seminar

ARTD 405 - Computer Enhanced Graphic Design
ARTD 410 - Advanced Typographic Investigation
ARTD 425 - Illustration
ARTD 450 - Design in Culture
ARTD 459 - Special Topics in Graphic Design

ARTD 493 - Independent Study
ARTD 494 - Individual Problems
ARTD 495 - Visiting Artist Seminar

Rationale: The previous language required prerequisite coursework not in degree and restricted students from taking coursework in areas that offer multiple sub-concentrations. Impact on other units: None. Financial impact: None.

REVISE ART HISTORY MAJOR

II. Major (24 hours)
A. Select one course from four of the five areas (12 hours):
19th/20th Century
ARTH 403 - History of Photography
ARTH 416 - Chinese Art of the 20th and 21st Centuries
ARTH 433 - History of Film and Modern and Contemporary Art
ARTH 472 - History of 20th-Century American Art
ARTH 475 - History of 19th-Century Painting and Sculpture in Europe
ARTH 476 - History of 20th-Century Painting and Sculpture in Europe

Rationale: This course was mistakenly left out of the Art History degree when the acronym was changed last year from ARTC 433. Impact on other units: None. Financial impact: None.

REVISE STUDIO ART MAJOR—2D ARTS CONCENTRATION

I. Foundation
D. Select one course from each concentration (200-level studio courses):
Two-Dimensional Arts
ARTA 212 - Drawing II
ARTA 213 - Painting I: Introduction
ARTA 214 - Painting II
ARTA 215 - Watercolor I: Introduction
ARTA 216 - Watercolor II
ARTA 219 - Special Topics in Drawing/Painting
ARTA 231 - Photography I
ARTA 262 - Intaglio I
ARTA 263 - Lithography I
ARTA 264 - Screen Printing I
ARTA 265 - Relief
ARTA 266 - Monoprint and Monotype
ARTA 269 - Special Topics in Printmaking
ARTA 291 - Book Arts and Papermaking ~~and Book Arts Workshop~~

II. Concentration—Two Dimensional Arts
A. Select 3 hours (200-level studio courses):
ARTA 212 - Drawing II
ARTA 213 - Painting I: Introduction
ARTA 214 - Painting II
ARTA 215 - Watercolor I: Introduction

ARTA 216 - Watercolor II
ARTA 219 - Special Topics in Drawing/Painting
ARTA 231 - Photography I
ARTA 262 - Intaglio I
ARTA 263 - Lithography I
ARTA 264 - Screen Printing I
ARTA 265 - Relief
ARTA 266 - Monoprint and Monotype
ARTA 269 - Special Topics in Printmaking
ARTA 291 - Book Arts and Papermaking ~~and Book Arts Workshop~~

C. Select 18 hours (200-400 level concentration courses):
Two-Dimensional Arts
ARTA 212 - Drawing II
ARTA 213 - Painting I: Introduction
ARTA 214 - Painting II
ARTA 215 - Watercolor I: Introduction
ARTA 216 - Watercolor II
ARTA 219 - Special Topics in Drawing/Painting
ARTA 231 - Photography I
ARTA 262 - Intaglio I
ARTA 263 - Lithography I
ARTA 264 - Screen Printing I
ARTA 265 - Relief
ARTA 266 - Monoprint and Monotype
ARTA 269 - Special Topics in Printmaking
ARTA 291 - Book Arts and Papermaking ~~and Book Arts Workshop~~
ARTA 311 - Drawing III
ARTA 313 - Painting III
ARTA 331 - Photography II
ARTA 341 - Digital Photography
ARTA 342 - Large Format Photography I
ARTA 361 - Intermediate Print Workshop
ARTA 411 - Drawing IV
ARTA 413 - Painting IV
ARTA 419 - Special Topics in Drawing and Painting
ARTA 431 - Photography III
ARTA 461 - Advanced Print Workshop
ARTA 469 - Special Topics in Printmaking
ARTA 493 - Independent Study
ARTA 494 - Individual Problems
ARTA 495 - Visiting Artist Seminar

REVISE STUDIO ART MAJOR—3D ARTS CONCENTRATION

I. Foundation
D. Select one course from each concentration (200-level studio courses):
Two-Dimensional Arts
ARTA 212 - Drawing II
ARTA 213 - Painting I: Introduction
ARTA 214 - Painting II
ARTA 215 - Watercolor I: Introduction
ARTA 216 - Watercolor II
ARTA 219 - Special Topics in Drawing/Painting
ARTA 231 - Photography I
ARTA 262 - Intaglio I
ARTA 263 - Lithography I
ARTA 264 - Screen Printing I
ARTA 265 - Relief
ARTA 266 - Monoprint and Monotype
ARTA 269 - Special Topics in Printmaking
ARTA 291 - Book Arts and Papermaking ~~and Book Arts Workshop~~

II. Concentration—Three Dimensional Arts
C. Select 18 hours (200-400 level concentration courses):
Two-Dimensional Arts
ARTA 212 - Drawing II
ARTA 213 - Painting I: Introduction
ARTA 214 - Painting II
ARTA 215 - Watercolor I: Introduction

ARTA 216 - Watercolor II
ARTA 219 - Special Topics in Drawing/Painting
ARTA 231 - Photography I
ARTA 262 - Intaglio I
ARTA 263 - Lithography I
ARTA 264 - Screen Printing I
ARTA 265 - Relief
ARTA 266 - Monoprint and Monotype
ARTA 269 - Special Topics in Printmaking
ARTA 291 - Book Arts and Papermaking ~~and Book Arts Workshop~~
ARTA 311 - Drawing III
ARTA 313 - Painting III
ARTA 331 - Photography II
ARTA 341 - Digital Photography
ARTA 342 - Large Format Photography I
ARTA 361 - Intermediate Print Workshop
ARTA 411 - Drawing IV
ARTA 413 - Painting IV
ARTA 419 - Special Topics in Drawing and Painting
ARTA 431 - Photography III
ARTA 461 - Advanced Print Workshop
ARTA 469 - Special Topics in Printmaking
ARTA 493 - Independent Study
ARTA 494 - Individual Problems
ARTA 495 - Visiting Artist Seminar

REVISE STUDIO ART MAJOR—4D ARTS CONCENTRATION

I. Foundation
D. Select one course from each concentration (200-level studio courses):
Two-Dimensional Arts
ARTA 212 - Drawing II
ARTA 213 - Painting I: Introduction
ARTA 214 - Painting II
ARTA 215 - Watercolor I: Introduction
ARTA 216 - Watercolor II
ARTA 219 - Special Topics in Drawing/Painting
ARTA 231 - Photography I
ARTA 262 - Intaglio I
ARTA 263 - Lithography I
ARTA 264 - Screen Printing I
ARTA 265 - Relief
ARTA 266 - Monoprint and Monotype
ARTA 269 - Special Topics in Printmaking
ARTA 291 - Book Arts and Papermaking ~~and Book Arts Workshop~~

II. Concentration—Three Dimensional Arts
C. Select 18 hours (200-400 level concentration courses):
Two-Dimensional Arts
ARTA 212 - Drawing II
ARTA 213 - Painting I: Introduction
ARTA 214 - Painting II
ARTA 215 - Watercolor I: Introduction
ARTA 216 - Watercolor II
ARTA 219 - Special Topics in Drawing/Painting
ARTA 231 - Photography I
ARTA 262 - Intaglio I
ARTA 263 - Lithography I
ARTA 264 - Screen Printing I
ARTA 265 - Relief
ARTA 266 - Monoprint and Monotype
ARTA 269 - Special Topics in Printmaking
ARTA 291 - Book Arts and Papermaking ~~and Book Arts Workshop~~
ARTA 311 - Drawing III
ARTA 313 - Painting III
ARTA 331 - Photography II
ARTA 341 - Digital Photography
ARTA 342 - Large Format Photography I
ARTA 361 - Intermediate Print Workshop

ARTA 411 - Drawing IV
ARTA 413 - Painting IV
ARTA 419 - Special Topics in Drawing and Painting
ARTA 431 - Photography III
ARTA 461 - Advanced Print Workshop
ARTA 469 - Special Topics in Printmaking
ARTA 493 - Independent Study
ARTA 494 - Individual Problems
ARTA 495 - Visiting Artist Seminar

DEPARTMENT OF CLASSICS

REVISE CLASSICS MAJOR—CLASSICAL ARCHAEOLOGY CONCENTRATION

Major Requirements
The concentration in classical archaeology consists of **30** ~~**27**~~ **hours**.
C. Select 3 hours:
~~CLAS 301 - History of Early Greece~~
CLAS 302 - History of Classical Greece
~~CLAS 303 - History of the Roman Republic~~
CLAS 304 - History of the Roman Empire
CLAS 305 - History of the Late Roman Empire
CLAS 306 - History of Hellenistic Greece

E. Select 12 ~~9~~ hours:
any 200-level or above Classics courses (excluding CLAS 273)

Rationale: This will bring the major to the 30 hour minimum envisioned in the new curriculum. Removing two courses which will no longer be offered. Impact on other units: None. Financial impact: None.

REVISE CLASSICS MAJOR—HONORS CLASSICAL ARCHAEOLOGY CONCENTRATION

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 301,~~ CLAS 302, ~~CLAS 303,~~ CLAS 304, CLAS 305, CLAS 306, CLAS 436, CLAS 442, CLAS 443, CLAS 444, CLAS 445, CLAS 461; HIST 382, HIST 400, HIST 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, for which 3 hours of independent study credit will be earned; the thesis must receive a grade of B+ or higher to permit graduation with Honors.

Rationale: Removing two courses which will no longer be offered. Impact on other units: None. Financial impact: None.

REVISE CLASSICS MAJOR—CLASSICAL CIVILIZATION CONCENTRATION

The concentration in classical civilization consists of **30** ~~**27**~~ **hours**.
Major Requirements
Select 12 ~~9~~ hours:
any 200-level or above Classics courses (except CLAS 273)

REVISE CLASSICS MAJOR—GREEK CONCENTRATION

The concentration in Greek consists of **30** ~~**27**~~ **hours**.
Major Requirements
Select 12 ~~9~~ hours:
any 200-level or above Classics courses (see note below)
HIST 382 - Archaeology of the Biblical World
HIST 400 - History and Archaeology of Mesopotamia
PHIL 320 - Ancient Western Philosophy *

REVISE CLASSICS MAJOR—LATIN CONCENTRATION

The concentration in Latin consists of **30** ~~**27**~~ **hours**.
Major Requirements
Select 12 ~~9~~ hours:
any 200-level or above Classics courses (see note below)
HIST 382 - Archaeology of the Biblical World
HIST 400 - History and Archaeology of Mesopotamia
PHIL 320 - Ancient Western Philosophy

Rationale: This will bring these majors to the 30 hour minimum envisioned in the new college curriculum. Impact on other units: None. Financial impact: None.

DEPARTMENT OF HISTORY

REVISE HISTORY MAJOR

Major Requirements
Select one course in European History:
Drop:
HIST 301 - History of Early Greece
HIST 303 - History of the Roman Republic

Select one course in United States History:
Add:
HIST 363 - U.S. Constitutional History to 1877
HIST 364 - U.S. Constitutional History from 1877 to the Present

Select one course from Pre-1750 History:
Drop:
HIST 301 - History of Early Greece
HIST 303 - History of the Roman Republic

REVISE HISTORY MAJOR, BA – HONORS CONCENTRATION

Major Requirements
Select one course in European History:
Drop:
HIST 301 - History of Early Greece
HIST 303 - History of the Roman Republic

Select one course in United States History:
Add:
HIST 363 - U.S. Constitutional History to 1877
HIST 364 - U.S. Constitutional History from 1877 to the Present

Select one course from Pre-1750 History:
Drop:
HIST 301 - History of Early Greece
HIST 303 - History of the Roman Republic

Rationale: History/Classics 301 and 303 are being dropped and need to be removed from the major. History 363 and 364 are new courses being added and should be added to the major. Impact on other units: None. Financial impact: None.

INTERDISCIPLINARY PROGRAMS

REVISE INTERDISCIPLINARY PROGRAMS MAJOR—AMERICAN STUDIES CONCENTRATION

Concentration Requirements
Select one upper-division United States history course:
Add:
AMST 326 – Gay American History
AMST 436 – History of Gender and Sexuality in the U.S.

AMST 440 – War and Truth in America

Drop:
HIST 326 – Gay American History
HIST 436 – History of Gender and Sexuality in the U.S.
HIST 440 – War and Truth in America

Rationale: These courses are being cross listed in American Studies and can now be listed in the program description under the AMST acronym. Impact on other units: None. Financial impact: None.

REVISE CINEMA STUDIES MINOR

Select 3 hours:
CNST 235 - Introduction to Cinematography as Art
CNST 236 - Introduction to Video Art
JREM 250 – Visual Communication
JREM 336 - Video Production

Rationale: JREM 274 used to be accepted in this minor but that course was dropped. This course has similar content and will be appropriate for the Cinema Studies minor. Impact on other units: Journalism and Electronic Media owns the course. Financial impact: None.

REVISE INTERDISCIPLINARY PROGRAMS MAJOR—JUDAIC STUDIES CONCENTRATION

Concentration Requirements
The concentration consists of at least **30** ~~**27**~~ **hours** at the 300 level or above, distributed as follows:

Complete:
HIST 383 - Early Jewish History
REST 381 - Introduction to Judaism

Select 12 hours:
REST 311 - Introduction to the Hebrew Bible
REST 312 - Introduction to Early Judaism
REST 320 - Women and Religion
REST 385 - Contemporary Jewish Thinkers
REST 386 - Voices of the Holocaust
REST 405 - Modern Jewish Thought
HIST 370 - History of the Middle East

Select 12 ~~**9**~~ **hours**:
ARTH 425 - Early Christian and Byzantine Art to 1350
ARTH 431 - Medieval Art of the West, 800-1400
ARTH 475 - History of 19th-Century Painting and Sculpture in Europe
GERM 350 - German-Jewish Topics in Literature and Culture
HIST 369 - History of the Middle East
HIST 395 - The Crusades and Medieval Christian-Muslim Relations
HIST 484 - Studies in Jewish History
PHIL 322 - Medieval Philosophy *
REST 321 - New Testament and Early Christian Origins

Note
Students should contact the program advisor early in planning a Judaic studies concentration.

Rationale: To bring the major to the 30 hour minimum that the college is implementing. Impact on other units: None. Financial impact: None.

REVISE INTERDISCIPLINARY PROGRAMS MAJOR—LINGUISTICS CONCENTRATION

Corequisites
Complete a two-semester sequence (non-Indo-European language):
ASL 111 - Elementary American Sign Language I
ASL 112 - Elementary American Sign Language II

ASLN 131 - Elementary Chinese I

ASLN 132 - Elementary Chinese II

ASLN 151 - Elementary Japanese I
ASLN 152 - Elementary Japanese II

ASST 121 - Elementary Modern Standard Arabic I
ASST 122 - Elementary Modern Standard Arabic II

ASST 141 - Elementary Modern Hebrew I
ASST 142 - Elementary Modern Hebrew II

REST 121 - Elementary Biblical Hebrew I
REST 122 - Elementary Biblical Hebrew II
~~REST 309 - Elementary Classical Hebrew~~
~~REST 310 - Elementary Classical Hebrew~~

Rationale: REST 309 and 310 were renumbered (and retitled) to REST 121 and 122. Impact on other units: None. Financial impact: None.

◈ADD INTERDISCIPLINARY PROGRAMS MAJOR, BA - HONORS NEUROSCIENCE CONCENTRATION

Honors Neuroscience Concentration
Neuroscience students may elect to pursue the Honors Neuroscience Concentration by submitting an Honors Neuroscience application to the Neuroscience Program chair. Students pursuing the Honors Neuroscience Concentration must complete an honors thesis under the guidance of a faculty member, and this faculty member must endorse a student's application to the Honors Neuroscience program.

The degree requirements for the Honors Neuroscience Concentration are those for the regular Neuroscience Concentration with the following modifications:

1) Before applying to the Honors Neuroscience program, students must complete BIOL 130, BIOL 140, PSYC 110, and PSYC 210 with an overall GPA of 3.5 or higher in these four courses.
2) Before applying to the Honors Neuroscience program, students must have an overall GPA of 3.25 or higher. Students must have an overall GPA of 3.25 or higher at graduation.
3) 12 hours of courses drawn from the Neuroscience Core (Roman Numeral I) and/or Electives (Roman Numeral III) must be completed as Honors-by-contract courses, and a grade of B or higher must be earned in courses used to satisfy this requirement. As part of the Honors Program application, students will be asked to identify the courses that they intend to complete as Honors-by-contract courses.
4) 1 hour of INPG 497 must be completed with a grade of B or higher. This course may be applied to the Neuroscience Laboratory Experience (Roman Numeral II). Students complete this course by completing an honors thesis that is approved by a faculty mentor. The approved honors thesis must be submitted to the Program Chair no later than the first day of finals week of the semester of intended graduation.

◈ADD NEUROSCIENCE MINOR

The neuroscience minor consists of **18 hours.**

I. Complete:
PSYC 210 - Biological Basis of Behavior
BCMB 415 - Foundations in Neurobiology
INPG 200 - Introductory Interdisciplinary Topics (one offering of 1 hour)
INPG 400 - Advanced Interdisciplinary Topics (one offering of 2 hours)

II. Select 9 hours from two or more different departments:
A. Select 6 hours, with courses drawn from at least two of the three lists
Behavioral and Cognitive Neuroscience
ANTH 494 - Primate Behavior
EEB 370 - Ethology and Sociobiology
EEB 450 - Comparative Animal Behavior
EEB 454 - Animal Communication
PSYC 310 - Learning and Thinking
PSYC 320 - Motivation
PSYC 400 - Cognitive Psychology: Language and Symbolic Processes
Integrative Neuroscience
AUSP 302 - Acoustics and Perception
AUSP 303 - Introduction to Hearing Science
AUSP 306 - Anatomy and Physiology of Speech

BCMB 423 - Neural Basis of Behavior
PSYC 410 - Sensory Processes and Perception
PSYC 461 - Physiological Psychology
PSYC 464 - Drugs and Behavior

Computational and Materials Neuroscience
BME 480 - Computational Cell Biology
COSC 420 - Biologically-Inspired Computation
ECE 471 - Introduction to Pattern Recognition
MSE 485 - Advanced Biomaterials: Biological Application of Nanomaterials
MSE 486 - Cell and Tissue-Biomaterials Interaction

B. Select 3 hours

Behavioral and Cognitive Neuroscience
ANTH 494 - Primate Behavior
EEB 370 - Ethology and Sociobiology
EEB 450 - Comparative Animal Behavior
EEB 454 - Animal Communication
PSYC 310 - Learning and Thinking
PSYC 320 - Motivation
PSYC 400 - Cognitive Psychology: Language and Symbolic Processes

Integrative Neuroscience
AUSP 302 - Acoustics and Perception
AUSP 303 - Introduction to Hearing Science
AUSP 306 - Anatomy and Physiology of Speech
BCMB 423 - Neural Basis of Behavior
PSYC 410 - Sensory Processes and Perception
PSYC 461 - Physiological Psychology
PSYC 464 - Drugs and Behavior

Computational and Materials Neuroscience
BME 480 - Computational Cell Biology
COSC 420 - Biologically-Inspired Computation
ECE 471 - Introduction to Pattern Recognition
MSE 485 - Advanced Biomaterials: Biological Application of Nanomaterials
MSE 486 - Cell and Tissue-Biomaterials Interaction

Neuroscience Lab Experience
BCMB 416 - Neurobiology Laboratory
BCMB 452 - Independent Research in BCMB
COSC 493 - Independent Study
EEB 400 - Undergraduate Research
EEB 459 - Comparative Animal Behavior Laboratory
INPG 493 - Independent Study
MSE 494 - Special Projects Laboratory
PSYC 493 - Independent Study
or other independent research course with approval of Program Chair

Rationale: Neuroscience is a new interdisciplinary major. This will give students the opportunity to pursue an honors degree in the area or to complete a focused program of study in neuroscience alongside a traditional major. Impact on other units: None. Financial impact: None.

DEPARTMENT OF MICROBIOLOGY

REVISE BIOLOGICAL SCIENCES MAJOR—HONORS MICROBIOLOGY CONCENTRATION

An honors option is offered to selected students who have completed the required 300-level microbiology courses. In addition to the requirements for the biological sciences major – microbiology concentration, an honors option requires:

- A minimum GPA of 3.3 in the major concentration ~~microbiology courses~~ and 3.25 for all courses.
- Three additional hours of 400-level microbiology courses.
- Completion of two semesters of independent research taken as MICR 401 and MICR 402.
- An honors thesis based on the independent research project.
- Twelve hours of upper-division honors courses. This may be satisfied with 400-level microbiology courses via honors-by-contract.

Rationale: The faculty feel that students receiving honors should have a minimum grade average for all courses within the major concentration, as opposed to just those designated as MICR. With the current language, the CHEM sequence and BCMB would not be computed in the average. Impact on other units: None. Financial impact: None.

SCHOOL OF MUSIC

◈DROP:

MUSIC MAJOR (BM)—THEORY/COMPOSITION CONCENTRATION

◈ADD:

MUSIC MAJOR (BM)—THEORY/COMPOSITION CONCENTRATION—COMPOSITION TRACK
MUSIC MAJOR (BM)—THEORY/COMPOSITION CONCENTRATION—THEORY TRACK

Rationale: We would like to change the two tracks to better serve the current needs and desires of our students. Theory students want less composition and more arranging and theory. The theory track allows for a senior thesis project as well, instead of a composition recital. MUTH 440 is eliminated in both programs since it is no longer offered. Impact on other units: None. Financial impact: None.

◈ADD MUSIC MAJOR (BM)—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	2
MUSC 200 (0,0)	0
MUKB 110, MUKB 120	2
MUTC 290*	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 390	3
MUCO 210*, MUCO 220*	6
[1]Music Ensemble (1,1)	2
MUSC 200 (0,0)	0
MUKB 210, MUKB 220	2
[3]Cultures and Civilizations Electives*	6
Third Year	
MUTH 310	3
MUTH 420	3
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
Electives	5
[4]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	2
MUED 310	3
MUSC 200 (0,0)	0
[5]Social Sciences Electives*	6
MUTH 490	2
Electives	5
	Total 120

* Meets University General Education Requirement.

[1] 6-8 credits of MUEN 353 - Wind Ensemble, MUEN 350 - Concert Band, MUEN 352 - Symphonic Band, MUEN 370 - Symphony Orchestra, MUEN 383 - Men's Chorale, MUEN 389 - Women's Chorale, MUEN 380 - Concert Choir, MUEN 330 - Chamber Singers, MUEN 303 - Small Jazz Ensemble, MUEN 305 - Studio Orchestra, MUEN 304 - Jazz Ensemble, MUEN 306 - Trombone Choir. One credit of MUEN 399 - Accompanying and 1 credit of MUEN 340 - Opera Theatre may be used for ensemble requirement.
[2] See Quantitative Reasoning list – University General Education Requirement.
[3] See Cultures and Civilizations list – University General Education Requirement. Select two courses on the list or two courses in a foreign language at the intermediate level.
[4] See Natural Sciences list – University General Education Requirement. Select two courses from the list. At least one of the courses must have a laboratory.
[5] See Social Sciences list – University General Education Requirement. Select two courses from the list.

◈ ADD 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	2
MUSC 200 (0,0)	0
MUKB 110, MUKB 120	2
MUTC 290*	3
[2]Quantitative Reasoning Elective*	3
Second Year	
MUTH 210, MUTH 220	6
MUTH 230, MUTH 240	2
MUPF 294, MUPF 295 (1,1)	2
MUTC 390	3
MUCO 210*, MUCO 220*	6
[1]Music Ensemble (1,1)	2
MUSC 200 (0,0)	0
MUKB 210, MUKB 220	2
[3]Cultures and Civilizations Electives*	6
Third Year	
MUTH 310	3
MUTH 420	3
MUCO 380*	3
Music Performance (1,1)	2
MUTH 450: Choral Arranging	2
MUTH 451: Special Topics – Arranging	2
[1]Music Ensemble (1,1)	2
MUSC 200	0
Electives	5
[4]Natural Sciences Electives*	7
CMST 210*	3
Fourth Year	
MUTH 430	3
Music Performance (1,1)	2
MUTH 451: Special Topics – Pedagogy	2
MUTH 493: Independent Study (Thesis)	4
[1]Music Ensemble	2
MUED 310	3
MUSC 200 (0,0)	0
[5]Social Sciences Electives*	6
MUTH 490	2
Electives	5
Total 120	

* Meets University General Education Requirement.
[1] 6-8 credits of MUEN 353 - Wind Ensemble, MUEN 350 - Concert Band, MUEN 352 - Symphonic Band, MUEN 370 - Symphony Orchestra, MUEN 383 - Men's Chorale, MUEN 389 - Women's Chorale, MUEN 380 - Concert Choir, MUEN 330 - Chamber Singers, MUEN 303 - Small Jazz Ensemble, MUEN 305 - Studio Orchestra, MUEN 304 - Jazz Ensemble, MUEN 306 - Trombone Choir. One credit of MUEN 399 - Accompanying and 1 credit of MUEN 340 - Opera Theatre may be used for ensemble requirement.
[2] See Quantitative Reasoning list – University General Education Requirement.

[3] See Cultures and Civilizations list – University General Education Requirement. Select two courses on the list or two courses in a foreign language at the intermediate level.
[4] See Natural Sciences list – University General Education Requirement. Select two courses from the list. At least one of the courses must have a laboratory.
[5] See Social Sciences list – University General Education Requirement. Select two courses from the list.

◈ADD MUSIC BUSINESS MINOR

Minor Requirements
The music business minor consists of **15 hours** in courses numbered 200 or above.

Prerequisites

Complete:
MUTH 110 - Theory I
MUTH 130 - Ear Training I

Select one course:
MUJZ 110 - Jazz Theory
MUTH 120 - Theory II

Select one course:
MUCO 110 - Introduction to Music in Western Culture
MUCO 115 - Music in the United States
MUCO 120 - History of Rock
MUCO 125 - Jazz in American Culture

Required Courses

Complete:
ACCT 200 - Foundations of Accounting
ECON 201 - Introductory Economics: A Survey Course
MUSC 305 - The Business of Music
MUSC 310 - Practical Experience in Arts Management

Select one course:
MGT 201 - Introduction to Business Management
MUCO 290 - Soundscapes: Exploring Music in a Changing World
MUTC 290 - Sound Recording Techniques

Rationale: Many students have been asking for a music business major. We do not have the resources for that at this time, but have decided we can do a music business minor using existing courses. We think this minor will help to fill the students' needs at this time. Impact on other units: No major impact. The College of Business Administration has cleared the use of their courses in this program. Financial impact: None.

DEPARTMENT OF POLITICAL SCIENCE

REVISE BA-MPPA PROGRAM

For qualified students, the Department of Political Science offers a 5-year BA-MPPA program with a BA major in Political Science and a non-thesis MPPA major in Public Policy and Administration. The primary component of the program is that a qualified student may take up to 9 hours of approved graduate courses for their senior undergraduate electives and have them count toward both the BA degree and the MPPA degree. Students are typically considered for conditional admission to the program during, or immediately following, their third year of undergraduate study at UT.

To be considered for conditional admission to the program:

- A student must be a declared Political Science major with a minimum GPA of 3.4, must have completed at least 15 hours of credit in Political Science, and must have completed at least 90 hours of the 120 hours of coursework required for the BA degree with a major in Political Science.
- A student must provide three letters of recommendation and complete a personal interview with the Department of Political Science.

Applicants are strongly encouraged, but not required, to have completed ECON 201, POLS 340, and POLS 401. 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 BA-MPPA program.

Conditional admission of a student into the 5-year BA-MPPA program must be obtained before taking a graduate course that is to be used to satisfy the requirements of both the BA degree and the MPPA degree. Students will be informed of the outcome of their application for conditional admission prior to the beginning of their fourth year of undergraduate study.

A student who is conditionally admitted to the BA-MPPA program may, during his or her fourth year of undergraduate study, complete up to 9 hours of graduate credit that count towards the BA and towards the MPPA requirements, provided that these graduate credit hours were approved both by the Department head (or designee) and by the Graduate School prior to satisfying all requirements for the BA degree.

Conditional admission into the BA-MPPA program does not guarantee acceptance into either the Graduate School or the MPPA program. Students who have been conditionally admitted to the BA-MPPA program must apply for admission to the Graduate School and to the MPPA program during their fourth year of undergraduate study, following the standard application procedure. A GRE score must be submitted as part of the application for admission into any graduate program in the Department of Political Science. Students will be fully admitted to the BA-MPPA program after they have been accepted both by the Graduate School and by the MPPA program.

Once fully admitted to the MPPA program, BA-MPPA students are required to complete the standard curriculum for the MPPA program.

A student will not be eligible for a graduate assistantship until the student has satisfied all of the requirements for the BA degree.

Rationale: Minor editorial revisions to previously approved program; no change in content or process. Impact on other units: None. Financial impact: None.

III. UTRACK FORMATTING AND MILESTONES

ADD PROGRAM TEXT

- Add introductory program text to all UTracK plans

UTracK Requirements (for first-year students)
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 first-time, first-year, full-time, degree-seeking students entering Fall 2013. Returning, readmitted and transfer students will continue to follow the same program requirements outlined in their selected catalog.

Requirements for the Bachelor of Arts, Anthropology Major – General Concentration

Academic Plan		**Milestones**
Term 1	**Hours**	**Term 1**
ANTH 110*, ANTH 117*, ANTH 120*, ANTH 127*, ANTH 130*, or ANTH 137*	3	One course from ANTH 110, ANTH 120, or ANTH 130
ENGL 101 (or equivalent)*	3	
Foreign Language (intermediate level)*	3	
Quantitative Reasoning Elective*	3-4	
Unrestricted Electives	1-2	
Term 2		**Term 2**
ANTH 110*, ANTH 117*, ANTH 120*, ANTH 127*, ANTH 130*, or ANTH 137*	3	One additional course from ANTH 110, ANTH 120, or ANTH 130
ENGL 102 (or equivalent)*	3	ENGL 101
Foreign Language (intermediate level)*	3	
Natural Science Lab*	4	
Quantitative Reasoning Elective*	3-4	
Term 3		**Term 3**
ANTH 110*, ANTH 117*, ANTH 120*, ANTH 127*, ANTH 130*, or ANTH 137*	3	One additional course from ANTH 110, ANTH 120, or ANTH 130
Arts and Humanities (List A)*	3	
Communicating Orally Elective*	3	
Natural Science Lab (continuation of sequence)*	4	
Unrestricted Electives	2	
Term 4		**Term 4**
Arts and Humanities (List B)*	3	ENGL 102

Communicating through Writing Elective*	3	3.0 overall GPA in ANTH 110, ANTH 120, and ANTH 130
Social Sciences (List A)*	3	
Unrestricted Electives	6	
Term 5		**Term 5**
ANTH 350	3	One 300- or 400-level Anthropology course with a grade of C or higher
Anthropology (major)	3	
Arts and Humanities (List A, B, or C)*	3	
Non-U.S. History*	3	
Social Sciences (List A or B)	3	

Term 6		**Term 6**
Anthropology (major)	6	
Non-U.S. History (continuation of sequence)*	3	
Unrestricted Electives	3	
Upper-Level Distribution (U.S. Studies)	3	

Term 7		**Term 7**
Anthropology (major)	6	
Unrestricted Electives	3	
Unrestricted Electives (300- or 400-level)	3	
Upper-Level Distribution (Foreign Studies)	3	
Term 8		**Term 8**
Anthropology (major)	12	
Unrestricted Electives (300- or 400-level)	3	
TOTAL (minimum)	**120**	

Requirements for the Bachelor of Arts, Anthropology Major – Disasters, Displacements, and Human Rights Concentration

Academic Plan		**Milestones**
Term 1	**Hours**	**Term 1**
ANTH 110*, ANTH 117*, ANTH 120*, ANTH 127*, ANTH 130*, or ANTH 137*	3	One course from ANTH 110, ANTH 120, or ANTH 130
ENGL 101 (or equivalent)*	3	
Foreign Language (intermediate level)*	3	
Quantitative Reasoning Elective*	3-4	
Unrestricted Electives	1-2	

Term 2		**Term 2**
ANTH 110*, ANTH 117*, ANTH 120*, ANTH 127*, ANTH 130*, or ANTH 137*	3	One additional course from ANTH 110, ANTH 120, or ANTH 130
ENGL 102 (or equivalent)*	3	ENGL 101
Foreign Language (intermediate level)*	3	
Natural Science Lab*	4	
Quantitative Reasoning Elective*	3-4	

Term 3		**Term 3**
ANTH 110*, ANTH 117*, ANTH 120*, ANTH 127*, ANTH 130*, or ANTH 137*	3	One additional course from ANTH 110, ANTH 120, or ANTH 130
Arts and Humanities (List A)*	3	
Communicating Orally Elective*	3	
Natural Science Lab (continuation of sequence)*	4	
Unrestricted Electives	2	

Term 4		**Term 4**
Arts and Humanities (List B)*	3	ENGL 102
Communicating through Writing Elective*	3	3.0 overall GPA in ANTH 110, ANTH 120, and ANTH 130
Social Sciences (List A)*	3	
Unrestricted Electives	6	
Term 5		**Term 5**
ANTH 357 or ANTH 450	3	One 300- or 400-level Anthropology course with a grade of C or higher
ANTH 419	3	
Arts and Humanities (List A, B, or C)*	3	

Non-U.S. History*	3	
Social Sciences (List A or B)	3	

Term 6		**Term 6**
ANTH 420	3	
Anthropology (major)	3	
Non-U.S. History (continuation of sequence)*	3	
Unrestricted Electives	3	
Upper-Level Distribution (U.S. Studies)	3	

Term 7		**Term 7**
Anthropology (major)	6	
Unrestricted Electives	3	
Unrestricted Electives (300- or 400-level)	3	
Upper-Level Distribution (Foreign Studies)	3	

Term 8		**Term 8**
ANTH 489	3	
Anthropology (major)	9	
Unrestricted Electives (300- or 400-level)	3	
TOTAL (minimum)	**120**	

Requirements for the Bachelor of Arts, Art Major

Academic Plan **Milestones**

Term 1	**Hours**	**Term 1**
ENGL 101 (or equivalent)*	3	Complete 12 hours
Foreign Language (intermediate level)*	3	
ART 101	3	
Quantitative Reasoning Elective*	3	
ARTH 172*, ARTH 173*, ARTH 177*, or ARTH 178*	3	

Term 2		**Term 2**
ENGL 102 (or equivalent)*	3	ENGL 101
Foreign Language (intermediate level)*	3	ART 101 with a grade of C or better
ART 103	3	
2D Arts or Graphic Design (200 level)	6	

Term 3		**Term 3**
ART 102	3-4	ART 103 with a grade of C or better
Natural Science Lab*	4	Complete one course from ARTH 172 or ARTH 173
Foreign Language or [1]General Electives	3	
Art History (additional course from ARTH 162, ARTH 167*, ARTH 172, ARTH 173, ARTH 177*, ARTH 178*, ARTH 183*, or ARTH 187*)	3	
3D Art (200 level)	3	

Term 4		**Term 4**
Quantitative Reasoning Elective*	3-4	Complete a 200-level course in one of the following areas: Two-Dimensional Arts, Three Dimensional Arts, or Four Dimensional Arts with a grade of C or better
Natural Science Lab (continuation of sequence)*	4	Complete an additional course from the following: ARTH 162*, ARTH 172, ARTH 173, or ARTH 183 with a grade of C or better
Foreign Language or [1]General Electives	3	ART 102 with a grade of C or better
[1]Arts and Humanities List A (upper division)	3	
4D Art (200 level)	3	

Term 5		**Term 5**
Natural Science*	3-4	Complete two 200-level courses in one of the following areas: Two-Dimensional Arts, Three Dimensional Arts, or Four Dimensional Arts with a grade of C or better
Social Science	3	Fulfill progression requirements for upper division course work (see advisor for details about progression requirements in your area)
Non-US History*	3	
[1]Arts and Humanities (List B)*	3	

Studio Art (major 300-400 level)	3	

Term 6		**Term 6**
Communicating Orally Elective*	3	
Social Science	3	
Non-US History*	3	
Upper Level Distribution	3	
Studio Art (major 300-400 level)	3	

Term 7		**Term 7**
Social Science (300-level)	3	
Upper Level Distribution	3	
Upper Division Electives	3	
Studio Art (major 300-400 level)	6	

Term 8		**Term 8**
[1]Social Science (300-level)	3	
[1]Communicating Through Writing Elective (upper division)	3	
Upper Division Electives	4	
Studio Art (major 300-400 level)	3	
TOTAL (minimum)	**120**	

[1]At least 42 hours at the 300 level or above required.

Requirements for the Bachelor of Arts, Art History Major

Academic Plan		**Milestones**
Term 1	**Hours**	**Term 1**
ENGL 101 (or equivalent)*	3	Complete one course from the following: ARTH 172, ARTH 173 and either ARTH 162 or ARTH 183 with a grade of C or better
Foreign Language (intermediate level)*	3	
Quantitative Reasoning Elective*	3-4	
ARTH 172* or ARTH 177*	3	
Elective	0-1	

Term 2		**Term 2**
ENGL 102 (or equivalent)*	3	ENGL 101
Foreign Language (intermediate level)*	3	Complete a second course from the following: ARTH 172, ARTH 173 and either ARTH 162 or ARTH 183 with a grade of C or better
Quantitative Reasoning Elective*	3-4	
ARTH 173* or ARTH 178*	3	
Studio Art	3	

Term 3		**Term 3**
Non-US History*	3	Complete a third course from the following: ARTH 172, ARTH 173 and either ARTH 162 or ARTH 183 with a grade of C or better and/or complete a 400-level art history course with a grade of C or better
Natural Science Lab*	4	
Foreign Language or General Electives	3	
ARTH 162*, ARTH 167*, ARTH 183*, or ARTH 187*	3	
Art History (300-400 level)	3	

Term 4		**Term 4**
Non-US History*	3	Complete a 400-level art history course with a grade of C or better
Natural Science Lab (continuation of sequence)*	4	ARTH 375 with C or better
Foreign Language or General Electives	3	ENGL 102
Art History (300-400 level)	3	
ARTH 375	3	

Term 5		**Term 5**
Social Science	6	Complete two 400-level art history courses with a grade of C or better
Arts and Humanities (List A)	3	

Natural Science	3	
Art History (major)	3	

Term 6		**Term 6**
Social Science	3	
Communicating Orally Elective*	3	
Upper Level Distribution	3	
Art History (major)	6	

Term 7		**Term 7**
Upper Level Distribution	3	
Arts and Humanities (List B)	3	
ARTH 402 (WC)*	3	
Upper Division Electives	3	
General Electives	2-3	

Term 8		**Term 8**
Social Science	3	
Art History (major)	3	
Upper Division Electives	9	
TOTAL	**120**	

Requirements for the Bachelor of Fine Arts, Graphic Design Major

Academic Plan		**Milestones**
Term 1	**Hours**	**Term 1**
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	
ART 102	3	
ARTH 172* or ARTH 177*	3	

Term 2		**Term 2**
ENGL 102 (or equivalent)*	3	ENGL 102
ARTD 150	3	ART 102 and 103 with a grade of C or better
ART 103	3	ARTD 150 with a grade of C or better
Natural Science	3	Second course from ARTH 172 or 173 with a grade of C or better
ARTH 173* or ARTH 178*	3	

Term 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
ARTA 211	3	Complete ARTD 350 with a Pass
Foreign Language (intermediate level)*	3	
Studio Electives	3	
ARTD 350 – Portfolio Review	0	

Term 4		**Term 4**
ARTD 252	3	ARTD 252 with a grade of C or better
COSC 100* or COSC 102*	3-4	Complete additional course from ARTA 211 or 200-level studio art elective with a grade of C or better
Foreign Language (intermediate level)*	3	
Studio Electives	6	
Elective	0-1	

Term 5		**Term 5**
ARTD 351	4	ARTD 351 with a grade of C or better
ARTD 405	3	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	

Term 6		**Term 6**
ARTD 352	4	

ARTD 400	3	
[1]Studio Electives	3	
Art History (300-400 level)	3	

Term 7		**Term 7**
ARTD 451	4	
Social Science	3	
ARTD 456 and/or ARTD 444	3	
[1]Art Design Elective (choose from ARTD 259, ARTD 401, ARTD 402, ARTD 403, ARTD 405, ARTD 459, or ARTD 491)	3	
Natural Science	3	

Term 8		**Term 8**
ARTD 452 (OC)	4	
Social Science	3	
ARTD 456 and/or ARTD 444	4	
[1]Art Design Elective (choose from ARTD 259, ARTD 401, ARTD 402, ARTD 403, ARTD 405, ARTD 459, or ARTD 491)	3	
TOTAL	**120**	

[1]At least 42 hours at the 300 level or above required

Requirements for the Bachelor of Fine Arts, Studio Art Major – Two-Dimensional Arts Concentration

Academic Plan **Milestones**

Term 1	**Hours**	**Term 1**
ENGL 101 (or equivalent)*	3	ART 101 with a grade o C or better
Quantitative Reasoning Elective*	3	
ART 101	3	
ART 102	3	
ARTH 172*, ARTH 173*, ARTH 177*, or ARTH 178*	3	

Term 2		**Term 2**
ENGL 102 (or equivalent)*	3	ART 102 and ART 103 with a grade of C or better
Quantitative Reasoning Elective*	3	Complete ARTH 172 or ARTH 173 with a grade of C or better
ART 103	3	ENGL 101
Social Science	3	
Select remaining course from ARTH 172*, ARTH 173*, ARTH 177*, or ARTH 178*	3	

Term 3		**Term 3**
ARTA 211	3	Complete two 200-level courses from two of three areas (Two-Dimensional Arts, Three-Dimensional Arts, Four Dimensional Arts) with a grade of C or better in each
Foreign Language (intermediate level)*	3	Complete remaining course from ARTH 172 or ARTH 173 with a grade of C or better
Two-Dimensional Arts (200 level)	3	ENGL 102
ARTH 162 or 183	3	
Three-Dimensional Arts (200 level)	3	

Term 4		**Term 4**
Communicating Orally Elective*	3	Complete additional 200-level courses from remaining area (Two-Dimensional Arts, Three-Dimensional Arts, Four Dimensional Arts) with a grade of C or better
Natural Science Lab*	4	Pass portfolio review in concentration area (ARTA 312, ARTA 314, ARTA 330, or ARTA 360)
Four-Dimensional Arts (200 level)	3	ARTA 211 with a grade of C or better
200-level studio in concentration	3	
Foreign Language (intermediate level)*	3	

Term 5		**Term 5**
300-400 level studio in ARTA	5	300-400 level course from ARTA with a grade of C or better
Social Science	3	
[1]200-400 level Studio Electives	6	
Natural Science	3	

Term 6	
300-400 level studio in ARTA	5
300-400 level Art History	3
[1]200-400 level Studio Electives	3
[1]Communicating Through Writing Elective*	3

Term 6

Term 7	
300-400 level studio in ARTA	5
[1]200-400 level Studio Electives	6
Capstone	3

Term 7

Term 8	
300-400 level studio in ARTA	5
[1]200-400 level Studio Electives	3
[1]Non-Art Elective	3
300-400 level Art History	3
TOTAL	**120**

Term 8

[1]At least 42 hours at the 300 level or above required

Requirements for the Bachelor of Fine Arts, Studio Art Major – Three-Dimensional Arts Concentration

Academic Plan		Milestones
Term 1	**Hours**	**Term 1**
ENGL 101 (or equivalent)*	3	ART 101 with a grade of C or better
Quantitative Reasoning Elective*	3	
ART 101	3	
ART 102	3	
ARTH 172*, ARTH 173*, ARTH 177* or ARTH 178*	3	
Term 2		**Term 2**
ENGL 102 (or equivalent)*	3	ENGL 101
Quantitative Reasoning Elective*	3	ART 102 and ART 103 with a grade of C or better
ART 103	3	ARTH 172 or ARTH 173 with a grade of C or better
Social Science	3	
Select remaining course from ARTH 172*, ARTH 173*, ARTH 177* or ARTH 178*	3	
Term 3		**Term 3**
ARTA 211	3	Complete two 200-level courses from two of three areas (Two-Dimensional Arts, Three-Dimensional Arts, Four Dimensional Arts) with a grade of C or better in each
Natural Science Lab*	4	Complete remaining course from ARTH 172 or ARTH 173 with a grade of C or better
Two-Dimensional Arts (200 level)	3	ENGL 102
ARTH 162*, ARTH 167*, ARTH 183*, or ARTH 187*	3	
Term 4		**Term 4**
Communicating Orally Elective*	3	Complete additional 200-level courses from remaining area (Two-Dimensional Arts, Three-Dimensional Arts, Four Dimensional Arts) with a grade of C or better
Natural Science	3	ARTA 211 with a grade of C or better
Three-Dimensional Arts (200 level)	3	Pass portfolio review in concentration area (ARTB 320 or ARTB 340)
Four-Dimensional Arts (200 level)	3	
200-level studio in ARTB	3	
Term 5		**Term 5**
300-400 level studio in ARTB	5	300-400 level course from ARTB with a grade of C or better
Social Science	3	
[1]200-400 level Studio Electives	6	
Foreign Language (intermediate level)*	3	
Term 6		**Term 6**
300-400 level studio in ARTB	5	

300-400 level Art History	3
[1]200-400 level Studio Electives	3
Foreign Language (intermediate level)*	3
[1]Communicating Through Writing Elective*	3

Term 7	
300-400 level studio in ARTB	5
[1]200-400 level Studio Electives	6
Capstone	3

Term 8	
300-400 level studio in ARTB	5
[1]200-400 level Studio Electives	3
[1]Non-Art Elective	3
300-400 level Art History	3
TOTAL	**120**

[1]At least 42 hours at the 300 level or above required

Requirements for the Bachelor of Fine Arts, Studio Art Major – Four-Dimensional Arts Concentration

Academic Plan		**Milestones**
Term 1	**Hours**	**Term 1**
ENGL 101 (or equivalent)*	3	ART 101 with a grade of C or better
Quantitative Reasoning Elective*	3	
ART 101	3	
ART 102	3	
ARTH 172*, ARTH 173*, ARTH 177* or ARTH 178*	3	
Term 2		**Term 2**
ENGL 102 (or equivalent)*	3	ENGL 101
Quantitative Reasoning Elective*	3	ART 102 and ART 103 with a grade of C or better
ART 103	3	ARTH 172 or ARTH 173 with a grade of C or better
Social Science	3	
Select remaining one from ARTH 172*, ARTH 173*, ARTH 177* or ARTH 178*	3	
Term 3		**Term 3**
ARTA 211	3	Complete two 200-level courses from two of three areas (Two-Dimensional Arts, Three-Dimensional Arts, Four Dimensional Arts) with a grade of C or better in each
Natural Science Lab*	4	Complete remaining course from ARTH 172 or ARTH 173 with a grade of C or better
Two-Dimensional Arts (200 level)	3	ENGL 102
ARTH 162*, ARTH 167*, ARTH 183, or ARTH 187*	3	
Term 4		**Term 4**
Communicating Orally Elective*	3	Complete additional 200-level courses from remaining area (Two-Dimensional Arts, Three-Dimensional Arts, Four Dimensional Arts) with a grade of C or better
Natural Science	3	ARTA 211 with a grade of C or better
Three-Dimensional Arts (200 level)	3	Pass portfolio review (ARTC 330)
Four-Dimensional Arts (200 level)	3	
200-level studio in ARTC	3	
Term 5		**Term 5**
300-400 level studio in ARTC	5	300-400 level course from ARTC with a grade of C or better
Social Science	3	
[1]200-400 level Studio Electives	6	
Foreign Language (intermediate level)*	3	
Term 6		**Term 6**
300-400 level studio in ARTC	5	
300-400 level Art History	3	
[1]200-400 level Studio Electives	3	
Foreign Language (intermediate level)*	3	

Term 7	
300-400 level studio in ARTC	5
[1]200-400 level Studio Electives	6
Capstone	3
[1]Communicating Through Writing Elective*	3

Term 7

Term 8	
300-400 level studio in ARTC	5
[1]200-400 level Studio Electives	3
[1]Non-Art Elective	3
300-400 level Art History	3
TOTAL	**120**

Term 8

[1]At least 42 hours at the 300 level or above required

Requirements for the Bachelor of Science, Biological Sciences Major – Biochemistry and Cellular and Molecular Biology Concentration

Academic Plan

Term 1	Hours
ENGL 101 (or equivalent)*	3
CHEM 120* or CHEM 128*	4
BIOL 111*, BIOL 112*, BIOL 130*, or BIOL 138*	4-8
MATH 141*, MATH 147 *or MATH 151*	3-4

Milestones

Term 1
MATH 119 or ACT Math 25
BIOL 130 (or equivalent) or CHEM 120 (grade of C or better)

Term 2	
ENGL 102 (or equivalent)*	3
CHEM 130* or CHEM 138*	4
BIOL 140* or BIOL 148*	4
MATH 142*, MATH 148* or MATH 152*	3-4

Term 2
ENGL 101
Select an additional course from: BIOL 130 (or equivalent) or CHEM 120 or CHEM 130 (grade of C or better)

Term 3	
PHYS 221*	4
CHEM 350 or CHEM 358	3
BIOL 240	4
Foreign Language (intermediate level)*	3
Communicating Orally Elective*	3

Term 3
Select an additional course from: BIOL 130 (or equivalent) or BIOL 140 (grade of C or better)

Term 4	
PHYS 222*	4
CHEM 360 or CHEM 368; CHEM 369	5
BIOL 250	4
Foreign Language (intermediate level)*	3

Term 4
ENGL 102
CHEM 130 (grade of C or better) or CHEM 350
Select an additional course from: BIOL 140, BIOL 240, or BIOL 250 (grade of C or better)

Term 5	
BCMB 401	4
BCMB 311	3
Foreign Language or General Electives	2-3
Social Science (List A)*	3
Arts and Humanities (List A or B)*	3

Term 5
BIOL 240 or BIOL 250 (grade of C or better)
CHEM 350

Term 6	
BCMB 402 or BCMB 412	4
BCMB 321, BCMB 440, or BCMB 415	3
Foreign Language or General Electives	2-3
Communicating through Writing Elective*	3
Upper Level Distribution (Foreign Studies)	3

Term 6

Term 7	
Biochemistry and Cellular and Molecular Biology (major)	4
Biochemistry and Cellular and Molecular Biology	2

Term 7

(lab)		
Non-U.S. History	3	
Social Science (List A)*	3	
Upper Level Distribution (U.S. Studies)	3	

Term 8		**Term 8**
Biochemistry and Cellular and Molecular Biology (major)	4	
Non-U.S. History (continuation of sequence)	3	
Arts and Humanities (List A, B, or C)*	3	
Elective (300-400 level)	4	
TOTAL (minimum)	**120**	

Requirements for the Bachelor of Science, Biological Sciences Major – Ecology and Evolutionary Biology Concentration

Academic Plan		**Milestones**
Term 1	**Hours**	**Term 1**
ENGL 101 (or equivalent)*	3	MATH 119 or ACT Math 25
CHEM 120* or CHEM 128*	4	BIOL 130 (or equivalent) or CHEM 120 (grade of C or better)
BIOL 111*, BIOL 112*, BIOL 130*, or BIOL 138*	4-8	
MATH 141*, MATH 147*, or MATH 151*	3-4	
General Elective	0-1	

Term 2		**Term 2**
ENGL 102 (or equivalent)*	3	ENGL 101
CHEM 130* or CHEM 138*	4	Select an additional course from: BIOL 130 (or equivalent) or CHEM 120 or CHEM 130 (grade of C or better)
BIOL 140* or BIOL 148*	4	
MATH 142*, MATH 148*, or MATH 152*	3-4	

Term 3		**Term 3**
STAT 201*, STAT 207* or STAT 251	3	Select an additional course from: BIOL 130 (or equivalent) or BIOL 140 (grade of C or better)
CHEM 350 or CHEM 358	3	
BIOL 240	4	
Foreign Language (intermediate level)	3	
Communicating Orally Elective*	3	

Term 4		**Term 4**
Social Science (List A)*	3	ENGL 102
PHYS 221*	4	CHEM 130 or CHEM 350 (grade of C or better)
BIOL 250	4	Select an additional course from: BIOL 140, BIOL 240 or BIOL 250 (grade of C or better)
Foreign Language (intermediate level)	3	

Term 5		**Term 5**
Ecology and Evolutionary Biology (major)	3	BIOL 240 or BIOL 250 (grade of C or better)
PHYS 222*	4	CHEM 350 (grade of C or better)
Non-U.S. History	3	
Arts and Humanities (List A or B)*	3	
MATH 231, MATH 251, MATH 405, STAT 320, or STAT 330	3	

Term 6		**Term 6**
Ecology and Evolutionary Biology (major)	6	
Non-U.S. History (continuation of sequence)	3	
Upper Level Distribution (U.S. Studies)	3	
Arts and Humanities (List A, B, or C)*	3	

Term 7		**Term 7**
Ecology and Evolutionary Biology (major)	9	
Upper Level Distribution (Foreign Studies)	3	
Communicating through Writing (upper division)*	3	

Term 8		**Term 8**
Ecology and Evolutionary Biology (major)	6	
Social Science (List A)*	3	

Electives (300-400 level)	6	
TOTAL (minimum)	**120**	

Requirements for the Bachelor of Science, Biological Sciences Major – Microbiology Concentration

Academic Plan		**Milestones**
Term 1	**Hours**	**Term 1**
ENGL 101 (or equivalent)*	3	MATH 119 or ACT Math 25
CHEM 120* or CHEM 128*	4	BIOL 130 (or equivalent) or CHEM 120 (grade of C or better)
BIOL 111*, BIOL 112*, BIOL 130*, or BIOL 138*	4-8	
MATH 141*, MATH 147*, or MATH 151*	3-4	
Term 2		**Term 2**
ENGL 102 (or equivalent)*	3	ENGL 101
CHEM 130* or CHEM 138*	4	Select an additional course from: BIOL 130 (or equivalent) or CHEM 120 or CHEM 130 (grade of C or better)
BIOL 140* or BIOL 148*	4	
MATH 142*, MATH 148*, or MATH 152*	3-4	
Term 3		**Term 3**
PHYS 221*	4	Select an additional course from: BIOL 130 (or equivalent) or BIOL 140 (grade of C or better)
CHEM 350 or CHEM 358	3	
BIOL 240	4	
Foreign Language (intermediate level)*	3	
Communicating Orally Elective*	3	
Term 4		**Term 4**
PHYS 222*	4	ENGL 102
CHEM 360 or CHEM 368	3	CHEM 130 or CHEM 350 (grade of C or better)
CHEM 369	2	Select an additional course from: BIOL 140, BIOL 240, or BIOL 250 (grade of C or better)
BIOL 250	4	
Foreign Language (intermediate level)*	3	
Term 5		**Term 5**
MICR 310, MICR 319	5	BIOL 240 or 250 (grade of C or better)
Communicating through Writing Elective*	3	CHEM 350 (grade of C or better)
Foreign Language or General Electives	2-3	
Arts and Humanities (List A or B)*	3	
Elective (300-400 level)	2	
Term 6		**Term 6**
BCMB 401	4	
MICR 329	2	
Foreign Language or General Electives	2-3	
Social Science (List A)*	3	
Upper Level Distribution (U.S. Studies)	3	
Term 7		**Term 7**
Microbiology (400 level major courses)	6	
Upper Level Distribution (Foreign Studies)	3	
Non-U.S. History	3	
Social Science (List A)*	3	
Term 8		**Term 8**
Microbiology (400 level major courses)	6	
Non-U.S. History (continuation of sequence)	3	
Arts and Humanities (List A, B, or C)*	3	
Elective (300-400 level)	3	
TOTAL (minimum)	**120**	

Requirements for the Bachelor of Science, Chemistry Major

Academic Plan		**Milestones**
Term 1	**Hours**	**Term 1**

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* or MATH 151*	3-4	
Unrestricted Electives	0-1	
Term 2		**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* or MATH 152*	3-4	
Social Sciences (List A)*	3	
Term 3		**Term 3**
Arts and Humanities (List A or B)*	3	CHEM 130
CHEM 350 or CHEM 358	3	MATH 141 or MATH 151
PHYS 135* or PHYS 137* or PHYS 221*	4-5	
Social Sciences (List A)*	3	
Unrestricted Electives	1-2	
Term 4		**Term 4**
CHEM 240	2	CHEM 350 with grade of C or higher
CHEM 360-369 or CHEM 368-369	5	ENGL 102
PHYS 136* or PHYS 138* or PHYS 222*	4-5	MATH 142 or MATH 152
Unrestricted Electives	3-4	
Term 5		**Term 5**
CHEM 310-319	4	CHEM 360-369 with grades of C or higher in both courses
CHEM 471 or CHEM 473	3	
CHEM 479*	2	
Non-U.S. History*	3	
Unrestricted Electives	3	
Term 6		**Term 6**
Arts and Humanities (List A, B, or C)*	3	
CHEM 481 or CHEM 483	3	
Non-U.S. History (continuation of sequence)*	3	
Unrestricted Electives	3	
Upper-Level Distribution (U.S. Studies)	3	
Term 7		**Term 7**
Chemistry (major)	3	
Unrestricted Electives	3	
Unrestricted Electives (300- or 400-level)	6	
Upper-Level Distribution (Foreign Studies)	3	
Term 8		**Term 8**
CHEM 406*	1	
Chemistry (major)	6	
Unrestricted Electives	5	
Unrestricted Electives (300- or 400-level)	3	
TOTAL (minimum)	**120**	

Requirements for the Bachelor of Science in Chemistry, Chemistry Major (ACS approved)

Academic Plan		**Milestones**
Term 1	**Hours**	**Term 1**
ENGL 101 (or equivalent)*	3	MATH 119 or Math ACT score of 25 or higher
CHEM 120* or CHEM 128* (preferable)	4	
MATH 141* or MATH 147*	4	
[1]Foreign Language (intermediate level)*	3	
Term 2		**Term 2**
ENGL 102 (or equivalent)*	3	CHEM 120
CHEM 130* or CHEM 138* (preferable)	4	ENGL 101
MATH 142* or MATH 148*	4	MATH 130 or Math ACT score of 28 or higher
[1]Foreign Language (intermediate level)*	3	
Social Science (List A)*	3	

Term 3	
CHEM 230	3
CHEM 350 or CHEM 358	3
MATH 241	4
PHYS 135* or PHYS 137*	4-5
Social Science (List A)*	3

Term 3
CHEM 130
MATH 141 or MATH 151

Term 4	
CHEM 360 or CHEM 368	3
CHEM 369	2
PHYS 136* or PHYS 138*	4-5
Arts and Humanities (List A or B)*	3
CHEM 240	2

Term 4
CHEM 350 (grade of C or better)
ENGL 102
MATH 142 or MATH 152

Term 5	
CHEM 310, CHEM 319	4
CHEM 473	3
Non-U.S. History	3
CHEM 479 (WC) *	2
MATH 231 or MATH 251	3

Term 5
CHEM 360, CHEM 369 (grade of C or better)

Term 6	
Upper Level Distribution (Foreign Studies)	3
CHEM 483	3
CHEM 489	2
CHEM 320, CHEM 329	5
Non-U.S. History (continuation of sequence)	3

Term 6
CHEM 310, CHEM 319 (grade of C or better)

Term 7	
CHEM 430	3
Upper Level Distribution (U.S. Studies)	3
CHEM 400 , CHEM 408 , CHEM 420 , CHEM 450 , or CHEM 490	3
[2]General Electives	6
Arts and Humanities (List A, B, or C)	3

Term 7

Term 8	
CHEM 400	3
[2]General Electives	6
BCMB 401	4
CHEM 406 (OC)	1
CHEM 439	1
TOTAL (minimum)	**126**

Term 8

[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.

Requirements for the Bachelor of Arts, Classics Major – Classical Archaeology Concentration

Academic Plan

Term 1	Hours
ENGL 101 (or equivalent)*	3
Foreign Language (intermediate level chosen from Greek, Latin, French or German)*	3-4
Natural Science Lab*	4
Quantitative Reasoning Elective*	3-4
General Elective	0-2

Term 2	
ENGL 102 (or equivalent)*	3
Foreign Language (intermediate level chosen from Greek, Latin, French or German)*	3-4
Natural Science Lab (continuation of sequence)*	4
Quantitative Reasoning Elective*	3-4
General Electives	0-2

Milestones

Term 1
Complete 12 hours

Term 2
ENGL 101

Term 3	
Non U.S. History	3
Foreign Language or General Elective	3
Natural Science	3
Arts and Humanities	3
Social Sciences	3

Term 3
Complete 12 hours

Term 4	
Non U.S. History (continuation of sequence)	3
Foreign Language or General Elective	3
Classics 232 (AH)*	3
Social Sciences (ANTH 120* serves as the prerequisite for Classics category D)	3
Communicating Orally Elective*	3

Term 4
ENGL 102
Classics 200-level or above (excluding Classics 273) with a grade of C or better

Term 5	
Classics Major	6
Arts and Humanities	3
Upper Level Distribution	3
Upper Division Electives	3

Term 5
Additional Classics 200-level or above (excluding Classics 273) with a grade of C or better

Term 6	
Classics Major	3
Classics (category B)	3
Upper Level Distribution	3
Upper Division Electives	6

Term 6

Term 7	
Classics (category B)	3
Classics (category C)	3
Upper Division Electives	3
Social Sciences	3
Communicating Through Writing Elective*	3

Term 7

Term 8	
Classics (category D)	3
Classics (category F)	3
Upper Division Electives	6
Social Sciences	3
TOTAL (minimum)	**120**

Term 8

Requirements for the Bachelor of Arts, Classics Major – Classical Civilization Concentration

Academic Plan

Term 1	**Hours**
ENGL 101 (or equivalent)*	3
Foreign Language (intermediate level)*	3-4
Natural Science Lab*	4
Quantitative Reasoning Elective*	3-4
General Electives	0-2

Milestones

Term 1
Complete 12 hours

Term 2	
ENGL 102 (or equivalent)*	3
Foreign Language (intermediate level)*	3-4
Natural Science Lab (continuation of sequence)*	4
Quantitative Reasoning Elective*	3-4
General Electives	0-2

Term 2
ENGL 101

Term 3	
Non U.S. History	3
Foreign Language or General Elective	3
Natural Science	3
Classics 201 (AH)*	3
Social Sciences	3

Term 3
Complete 12 hours

Term 4	
Non U.S. History (continuation of sequence)	3
Foreign Language or General Elective	3
Art and Humanities	3
Social Sciences	3
Communicating Orally Elective*	3

Term 4
CLAS 201
ENGL 102

Term 5	
Classics Major	6
Arts and Humanities	3
Upper Level Distribution	3
Upper Division Electives	3

Term 5
Additional Classics 200-level or above (excluding Classics 273) with a grade of C or better

Term 6	
Classics Major	6
Upper Division Electives	6
Upper Level Distribution	3

Term 6

Term 7	
Classics Major	6
Upper Division Electives	3
Social Sciences	3
Communicating Through Writing* Or General Elective (if PHIL 320 is taken for the major)	3

Term 7

Term 8	
Classics Major	6
Upper Division Electives	6
Social Sciences	3
TOTAL (minimum)	**120**

Term 8

*If a student elects to complete Intermediate Latin 251 or 252 or Greek 261 or 264, an additional course at the 300-level or above will need to be completed.

Requirements for the Bachelor of Arts, Classics Major – Greek Concentration

Academic Plan **Milestones**

Term 1	**Hours**
ENGL 101 (or equivalent)*	3
CLAS 121	4
Natural Science Lab*	4
Quantitative Reasoning Elective*	3-4
General Elective	0-1

Term 1
Complete 12 hours

Term 2	
ENGL 102 (or equivalent)*	3
CLAS 122	4
Natural Science Lab (continuation of sequence)*	4
Quantitative Reasoning Elective*	3-4
General Elective	0-1

Term 2
ENGL 101

Term 3	
CLAS 261	3
Non U.S. History	3
Arts and Humanities	3
Social Science	3
Natural Science	3

Term 3
Complete 12 hours

Term 4	
CLAS 264	3
Non U.S. History (continuation of sequence)	3
Arts and Humanities	3
Social Science	3
Classics Major	3

Term 4
CLAS 122
ENGL 102

Term 5	
Classics Major	3

Term 5
CLAS 261

Upper Division Elective	3	Additional Classics 200-level or above (excluding CLAS 201 and CLAS 273) or HIST 382 or HIST 400 or PHIL 320
Arts and Humanities	3	
Communicating Orally Elective*	3	
Upper Level Distribution	3	

Term 6		**Term 6**
Classics Major	3	
Social Sciences	6	
Upper Level Distribution	3	
Upper Division Elective	3	

Term 7		**Term 7**
CLAS 401	3	
CLAS 405	3	
Upper Division Elective	6	
Communicating Through Writing* or General Elective (if PHIL 320 taken for the major)	3	

Term 8		**Term 8**
CLAS 402	3	
CLAS 406	3	
Upper Division Elective	3	
General Elective	6	
TOTAL (minimum)	**120**	

Requirements for the Bachelor of Arts, Classics Major – Latin Concentration

Academic Plan		**Milestones**
Term 1	**Hours**	**Term 1**
ENGL 101 (or equivalent)*	3	Complete 12 hours
CLAS 111 or Elective	4	
Natural Science Lab*	4	
Quantitative Reasoning Elective*	3-4	
General Elective	0-1	

Term 2		**Term 2**
ENGL 102 (or equivalent)*	3	ENGL 101
CLAS 112 or CLAS 150 or Elective (per placement)	4	
Natural Science Lab (continuation of sequence)*	4	
Quantitative Reasoning Elective*	3-4	
General Elective	0-1	

Term 3		**Term 3**
CLAS 251	3	Complete 12 hours
Non U.S. History	3	
Arts and Humanities	3	
Social Science	3	
Natural Science	3	

Term 4		**Term 4**
CLAS 252	3	CLAS 112 or CLAS 150 (per placement)
Non U.S. History (continuation of sequence)	3	ENGL 102
Arts and Humanities	3	
Social Science	3	
Classics Major	3	

Term 5		**Term 5**
Classics Major	3	CLAS 251
Upper Division Elective	3	Additional Classics 200-level or above (excluding CLAS 201 and CLAS 273) or HIST 382 or HIST 400 or PHIL 320
Arts and Humanities	3	
Communicating Orally Elective*	3	
Upper Level Distribution	3	

Term 6	
Classics Major	3
Social Sciences	6
Upper Level Distribution	3
Upper Division Elective	3

Term 6

Term 7	
Classics 300 level or higher	6
Communicating Through Writing* or General Elective (if PHIL 320 taken for the major)	3
Upper Division Elective	6

Term 7

Term 8	
Classics 300 level or higher	6
Upper Division Elective	3
General Elective	6
TOTAL (minimum)	**120**

Term 8

Requirements for the Bachelor of Arts, Economics Major (Arts & Sciences)

Academic Plan **Milestones**

Term 1	Hours
ENGL 101 (or equivalent)*	3
Foreign Language (intermediate level)*	3
MATH 125* or MATH 141* or MATH 147*	3-4
Natural Science Lab*	4
Unrestricted Elective	0-1

Term 1
MATH 119 or Math ACT score of 25 or higher

Term 2	
ENGL 102 (or equivalent)*	3
Foreign Language (intermediate level)*	3
Natural Science Lab (continuation of sequence)*	4
Social Sciences (List A)*	3
STAT 201* or STAT 207*	3

Term 2
ENGL 101
MATH 125 or MATH 141

Term 3	
Arts and Humanities (List A)*	3
Communicating Orally Elective*	3
ECON 201* or ECON 207*	4
Natural Science	3
Unrestricted Electives	2

Term 3
Complete at least 36 hours by the end of the term

Term 4	
Arts and Humanities (List B)*	3
Communicating through Writing Elective*	3
Non-U.S. History*	3
Social Sciences (List A or B)	3
Unrestricted Electives	3

Term 4
ECON 201
ENGL 102
STAT 201

Term 5	
Arts and Humanities (List A, B, or C)	3
ECON 311	3
Economics (major)	3
Non-U.S. History (continuation of sequence)*	3
Social Sciences (List A or B)	3

Term 5
One 300- or 400-level Economics course with a grade of C or better

Term 6	
ECON 313	3
Economics (major)	6
Unrestricted Electives	3
Upper-Level Distribution (U.S. Studies)	3
Term 7	
Economics (major)	6
Unrestricted Electives	3

Term 6
Term 7

Unrestricted Electives (300- or 400-level)	3
Upper-Level Distribution (Foreign Studies)	3
Term 8	
Economics (major)	6
Unrestricted Electives	3
Unrestricted Electives (300- or 400-level)	6
TOTAL (minimum)	**120**

Requirements for the Bachelor of Arts, English Major – Creative Writing Concentration

Academic Plan		**Milestones**
Term 1	**Hours**	**Term 1**
ENGL 101 (or equivalent)*	3	Complete at least 12 hours by the end of the term
Foreign Language (intermediate level)*	3	
Natural Science Lab*	4	
Quantitative Reasoning Elective*	3-4	
Unrestricted Electives	1-2	
Term 2		**Term 2**
ENGL 102 (or equivalent)*	3	ENGL 101
Foreign Language (intermediate level)*	3	
Natural Science Lab (continuation of sequence)*	4	
Quantitative Reasoning Elective*	3-4	
Unrestricted Electives	1-2	
Term 3		**Term 3**
English (200-level literature or writing course from Arts and Humanities List A)*	3	ENGL 102
Non-U.S. History*	3	
Social Sciences (List A)*	6	
Unrestricted Electives	3	
Term 4		**Term 4**
English (200-level literature or writing course from Arts and Humanities List A or C)	3	One 200-level English course (literature or writing)
Natural Science	3	
Non-U.S. History (continuation of sequence)*	3	
Social Sciences (List A)*	3	
Unrestricted Electives	3	
Term 5		**Term 5**
Arts and Humanities (List B)*	3	One additional 200-level English course (literature or writing)
ENGL 363 or ENGL 364	3	
English (major)	6	
Upper-Level Distribution (U.S. Studies)	3	
Term 6		**Term 6**
Communicating Orally Elective*	3	
Communicating through Writing Elective* (if this requirement has not been satisfied in the major) or Unrestricted Electives	3	
English (major)	3	
Social Sciences (List A or B)	3	
Upper-Level Distribution (Foreign Studies)	3	
Term 7		**Term 7**
ENGL 463 or ENGL 464	3	
English (major)	6	
Unrestricted Electives (300- or 400-level)	6	
Term 8		**Term 8**
English (major)	9	
Social Sciences (List A or B)	3	
Unrestricted Electives	3	
TOTAL (minimum)	**120**	

Requirements for the Bachelor of Arts, English Major – Literature Concentration

Academic Plan		Milestones
Term 1	**Hours**	**Term 1**
ENGL 101 (or equivalent)*	3	Complete at least 12 hours by the end of the term
Foreign Language (intermediate level)*	3	
Natural Science Lab*	4	
Quantitative Reasoning Elective*	3-4	
Unrestricted Electives	1-2	
Term 2		**Term 2**
ENGL 102 (or equivalent)*	3	ENGL 101
Foreign Language (intermediate level)*	3	
Natural Science Lab (continuation of sequence)*	4	
Quantitative Reasoning Elective*	3-4	
Unrestricted Electives	1-2	
Term 3		**Term 3**
English (200-level literature or writing course from Arts and Humanities List A)*	3	ENGL 102
Non-U.S. History*	3	
Social Sciences (List A)*	6	
Unrestricted Electives	3	
Term 4		**Term 4**
English (200-level literature or writing course from Arts and Humanities List A or C)	3	One 200-level English course (literature or writing)
Natural Science	3	
Non-U.S. History (continuation of sequence)*	3	
Social Sciences (List A)*	3	
Unrestricted Electives	3	
Term 5		**Term 5**
Arts and Humanities (List B)*	3	One additional 200-level English course (literature or writing)
ENGL 376	3	
English (major)	6	
Upper-Level Distribution (U.S. Studies)	3	
Term 6		**Term 6**
Communicating Orally Elective*	3	
Communicating through Writing Elective* (if this requirement has not been satisfied in the major) or Unrestricted Electives	3	
English (major)	6	
Upper-Level Distribution (Foreign Studies)	3	
Term 7		**Term 7**
English (major)	6	
Social Sciences (List A or B)	3	
Unrestricted Electives (300- or 400-level)	6	
Term 8		**Term 8**
English (major)	9	
Social Sciences (List A or B)	3	
Unrestricted Electives	3	
TOTAL (minimum)	**120**	

Requirements for the Bachelor of Arts, English Major – Rhetoric and Writing Concentration

Academic Plan		Milestones
Term 1	**Hours**	**Term 1**
ENGL 101 (or equivalent)*	3	Complete at least 12 hours by the end of the term
Foreign Language (intermediate level)*	3	
Natural Science Lab*	4	
Quantitative Reasoning Elective*	3-4	
Unrestricted Electives	1-2	

Term 2		**Term 2**
ENGL 102 (or equivalent)*	3	ENGL 101
Foreign Language (intermediate level)*	3	
Natural Science Lab (continuation of sequence)*	4	
Quantitative Reasoning Elective*	3-4	
Unrestricted Electives	1-2	

Term 3		**Term 3**
English (200-level literature or writing course from Arts and Humanities List A)*	3	ENGL 102
Non-U.S. History*	3	
Social Sciences (List A)*	6	
Unrestricted Electives	3	
Term 4		**Term 4**
English (200-level literature or writing course from Arts and Humanities List A or C)	3	One 200-level English course (literature or writing)
Natural Science	3	
Non-U.S. History (continuation of sequence)*	3	
Social Sciences (List A)*	3	
Unrestricted Electives	3	

Term 5		**Term 5**
Arts and Humanities (List B)*	3	One additional 200-level English course (literature or writing)
ENGL 355	3	
English (major)	6	
Upper-Level Distribution (U.S. Studies)	3	
Term 6		**Term 6**
Communicating Orally Elective*	3	
Communicating through Writing Elective* (if this requirement has not been satisfied in the major) or Unrestricted Electives	3	
English (major)	3	
Social Sciences (List A or B)	3	
Upper-Level Distribution (Foreign Studies)	3	

Term 7		**Term 7**
English (major)	9	
Unrestricted Electives (300- or 400-level)	6	

Term 8		**Term 8**
English (major)	9	
Social Sciences (List A or B)	3	
Unrestricted Electives	3	
TOTAL (minimum)	**120**	

Requirements for the Bachelor of Arts, English Major – Technical Communication Concentration

Academic Plan		**Milestones**
Term 1	**Hours**	**Term 1**
ENGL 101 (or equivalent)*	3	Complete at least 12 hours by the end of the term
Foreign Language (intermediate level)*	3	
Natural Science Lab*	4	
Quantitative Reasoning Elective*	3-4	
Unrestricted Electives	1-2	

Term 2		**Term 2**
ENGL 102 (or equivalent)*	3	ENGL 101
Foreign Language (intermediate level)*	3	
Natural Science Lab (continuation of sequence)*	4	
Quantitative Reasoning Elective*	3-4	
Unrestricted Electives	1-2	

Term 3		**Term 3**
English (200-level literature or writing course from	3	ENGL 102

Arts and Humanities List A)*		
Non-U.S. History*	3	
Social Sciences (List A)*	6	
Unrestricted Electives	3	

Term 4		**Term 4**
ENGL (200-level literature or writing course from Arts and Humanities List A or C)	3	One 200-level English course (literature or writing)
Natural Science	3	
Non-U.S. History (continuation of sequence)*	3	
Social Sciences (List A)*	3	
Unrestricted Electives	3	

Term 5		**Term 5**
Arts and Humanities (List B)*	3	One additional 200-level English course (literature or writing)
ENGL 360	3	
English (major)	6	
Upper-Level Distribution (U.S. Studies)	3	
Term 6		**Term 6**
Communicating Orally Elective*	3	
Communicating through Writing Elective* (if this requirement has not been satisfied in the major) or Unrestricted Electives	3	
English (major)	3	
Social Sciences (List A or B)	3	
Upper-Level Distribution (Foreign Studies)	3	

Term 7		**Term 7**
English (major)	9	
Unrestricted Electives (300- or 400-level)	6	

Term 8		**Term 8**
English (major)	9	
Social Sciences (List A or B)	3	
Unrestricted Electives	3	
TOTAL (minimum)	**120**	

Requirements for the Bachelor of Science, Geology and Environmental Studies Major – Environmental Studies Concentration

Academic Plan		**Milestones**
Term 1	**Hours**	**Term 1**
ENGL 101 (or equivalent)*	3	Completion of at least 12 credit hours
CHEM 100*, CHEM 120*, CHEM 128* or PHYS 221*	4	
MATH 123*, MATH 125*, MATH 141*, MATH 147*, or MATH 151*	3-4	
Foreign Language (intermediate level)*	3	
General Elective	1	

Term 2		**Term 2**
ENGL 102 (or equivalent)*	3	ENGL 101
CHEM 110*, CHEM 130*, CHEM 138*, or PHYS 222*	4	MATH 119 or Math ACT 25
Completion of required math sequence	3-4	
Foreign Language (intermediate level)*	3	
Social Science (List A)*	3	

Term 3		**Term 3**
GEOL 202 or GEOL 206	3	BIOL 101 or BIOL 111 or BIOL 130
BIOL 101*, BIOL 111, BIOL 130*, or BIOL 138*	4	GEOL 101 or GEOL 102 or GEOL 103 or GEOL 104
GEOL 101*, GEOL 102*, GEOL 103*, GEOL 104*, GEOL 107*, or GEOL 108*	4	MATH 123 or MATH 125 or MATH 141 or MATH 151
Environmental Studies (major)	3	
General Elective	1	

Term 4	
BIOL 102*, BIOL 112*, BIOL 140*, or BIOL 148*	4
ECON 201* or ECON 207*	4
Environmental Studies (major)	3
Arts and Humanities (List A or B)*	3

Term 4
BIOL 102 or BIOL 112 or BIOL 140
ENGL 102
Completion of a required math sequence

Term 5	
Environmental Studies (major)	6
BIOL 250	4
Arts and Humanities (List A, B, or C)*	3
Non U.S. History	3

Term 5
One 300-level or higher Environmental Studies major course (grade of C or better)

Term 6	
Environmental Studies (major)	9
Communicating through Writing Elective*	3
Non-U.S. History (continuation of sequence)	3

Term 6

Term 7	
GEOL 455 or GEOL 456	3
EEB 481 or EEB 484 or GEOL 436	3
Environmental Studies (major)	3
Upper Level Distribution (U.S. Studies)	3
General Elective	3

Term 7

Term 8	
Environmental Studies (major)	3
GEOL 493	3
Communicating Orally Elective*	3
Upper Level Distribution (Foreign Studies)	3
General Elective	3
TOTAL (minimum)	**120**

Term 8

Requirements for the Bachelor of Science, Geology and Environmental Studies Major – Geology Concentration

Academic Plan **Milestones**

Term 1	Hours
ENGL 101 (or equivalent)*	3
CHEM 120* or CHEM 128*	4
GEOL 101*, GEOL 102*, GEOL 103*, GEOL 104*, GEOL 107*, or GEOL 108*	4
MATH 141* or MATH 147* or MATH 151*	3-4
General Elective	0-1

Term 1
GEOL 101 or GEOL 102 or GEOL 103 or GEOL 104
MATH 119 or Math ACT 25

Term 2	
ENGL 102 (or equivalent)*	3
CHEM 130* or CHEM 138*	4
Second course from GEOL 101*, GEOL 102*, GEOL 103*, GEOL 104*, GEOL 107*, or GEOL 108*	4
Completion of required math sequence	3-4
General Elective	0-1

Term 2
CHEM 120 or MATH 141 or MATH 151
ENGL 101

Term 3	
BIOL 111* or BIOL 130* or BIOL 138*	4
Social Science (List A)*	3
Foreign Language (intermediate level)*	3
GEOL 310	4
Arts and Humanities (List A or B)*	3

Term 3
Select an additional course from: GEOL 101 or GEOL 102 or GEOL 103 or GEOL 104

Term 4	
EF 151*, EF 157*, PHYS 135*, PHYS 137*, or PHYS 221*	4
Social Science (List A)*	3
Foreign Language (intermediate level)*	3
Communicating Orally Elective*	3

Term 4
CHEM 130
ENGL 102
Completion of required math sequence
One 300-level Geology course (grade of C or better)

GEOL 330	4	

Term 5		**Term 5**
GEOL 320	4	Additional 300-level Geology course (grade of C or better)
Foreign Language or General Electives	3	
GEOL 370	4	
Arts and Humanities (List A, B, or C)*	3	

Term 6		**Term 6**
GEOL 340	4	
GEOL 380	4	
Foreign Language or General Electives	3	
Communicating through Writing Elective*	3	

Term 7		**Term 7**
GEOL (400 level major course)	3	
Non-U.S. History	3	
Upper Level Distribution (U.S. Studies)	3	
GEOL 440 (to be completed the summer after Term 6)	5	

Term 8		**Term 8**
GEOL (400 level major courses)	6	
Non-U.S. History (continuation of sequence)	3	
General Elective	2	
Upper Level Distribution (Foreign Studies)	3	
TOTAL (minimum)	**120**	

Requirements for the Bachelor of Arts, Geography Major

Academic Plan		**Milestones**
Term 1	**Hours**	**Term 1**
ENGL 101 (or equivalent)*	3	Complete at least 12 hours by the end of the term
Foreign Language (intermediate level)*	3	
GEOG 131* or GEOG 137*	4	
Quantitative Reasoning Elective*	3-4	
Unrestricted Electives	0-1	
Term 2		**Term 2**
ENGL 102 (or equivalent)*	3	ENGL 101
Foreign Language (intermediate level)*	3	
GEOG 101* or GEOG 201*	3	
GEOG 132*	4	
Quantitative Reasoning Elective*	3-4	

Term 3		**Term 3**
Arts and Humanities (List A)*	3	GEOG 131
Communicating Orally Elective*	3	
GEOG 310	3	
Natural Science	3	
Unrestricted Elective	3	

Term 4		**Term 4**
Arts and Humanities (List B)*	3	ENGL 102
Communicating through Writing Elective*	3	GEOG 101 or GEOG 201
Geography (major)	3	GEOG 132
Social Sciences (List A)*	3	
Unrestricted Electives	3	

Term 5		**Term 5**
Arts and Humanities (List A, B, or C)	3	GEOG 410, GEOG 411, GEOG 413, GEOG 414, GEOG 415, or GEOG 419, with a grade of C or better
GEOG 499	3	
Geography (major)	3	
Non-U.S. History*	3	
Social Sciences (List A or B)	3	

Term 6	
Geography (major)	6
Non-U.S. History (continuation of sequence)*	3
Social Sciences (List A or B)	3
Upper-Level Distribution (U.S. Studies)	3
Term 7	
Geography (major)	3
Unrestricted Electives (300- or 400-level)	6
Unrestricted Electives	3
Upper-Level Distribution (Foreign Studies)	3

Term 6
Term 7

Term 8	
Geography (major)	6
Unrestricted Electives (300- or 400-level)	3
Unrestricted Electives	6
TOTAL (minimum)	**120**

Term 8

Requirements for the Bachelor of Arts, History Major

Academic Plan		Milestones
Term 1	**Hours**	**Term 1**
ENGL 101 (or equivalent)*	3	Complete at least 12 hours by the end of the term
Foreign Language (intermediate level)*	3	
Natural Science Lab*	4	
Quantitative Reasoning Elective*	3-4	
Unrestricted Electives	0-1	
Term 2		**Term 2**
ENGL 102 (or equivalent)*	3	ENGL 101
Foreign Language (intermediate level)*	3	
Natural Science Lab (continuation of sequence)*	4	
Quantitative Reasoning Elective*	3-4	
Social Sciences (List A)*	3	
Term 3		**Term 3**
Communicating Orally Elective*	3	Complete at least 36 hours by the end of the term
HIST 221 or HIST 227	3	
Natural Science	3	
Social Sciences (List A)*	3	
Unrestricted Electives	3	
Term 4		**Term 4**
Communicating through Writing Elective*	3	ENGL 102
HIST 222 or HIST 228	3	HIST 241, HIST 242, HIST 261, or HIST 262, with a grade of C or better
HIST 241* or HIST 247* or HIST 261* or HIST 267*	3	
Social Sciences (List A or B)	3	
Unrestricted Electives	3	
Term 5		**Term 5**
Arts and Humanities (List A)*	3	Complete a two-course sequence from HIST 241-242 or HIST 261-262, with grades of C or better in both courses
HIST 242* or HIST 248* or HIST 262* or HIST 268* (continuation of sequence)	3	
History (major)	3	
Social Sciences (List A or B)	3	
Upper-Level Distribution (U.S. Studies)	3	
Term 6		**Term 6**
Arts and Humanities (List B)*	3	
HIST 499	3	
History (major)	9	
Term 7		**Term 7**
Arts and Humanities (List A, B, or C)	3	

History (major)	6	
Unrestricted Electives (300- or 400-level)	3	
Upper-Level Distribution (Foreign Studies)	3	
Term 8		**Term 8**
History (major)	3	
Unrestricted Electives (300- or 400-level)	9	
Unrestricted Electives	3	
TOTAL (minimum)	**120**	

Requirements for the Bachelor of Arts, Interdisciplinary Programs Major – Africana Studies Concentration

Academic Plan		**Milestones**
Term 1	**Hours**	**Term 1**
ENGL 101 (or equivalent)*	3	Completion of at least 12 credit hours
Quantitative Reasoning Elective*	3-4	
Foreign Language (intermediate level)*	3	
Natural Science Lab*	4	
General Elective	1	
Term 2		**Term 2**
ENGL 102 (or equivalent)*	3	ENGL 101
Quantitative Reasoning Elective*	3	
Foreign Language (intermediate level)*	3	
Natural Science Lab (continuation of sequence)*	4	
Arts and Humanities (List B)	3	
Term 3		**Term 3**
AFST 201 or AFST 235*	3	Completion of at least 12 credit hours
Foreign Language or General Elective	3	
Communicating Orally Elective*	3	
Arts and Humanities (List A)	3	
Natural Science	3	
Term 4		**Term 4**
AFST 202 or AFST 236*	3	ENGL 102
Foreign Language or General Elective	3	AFST 201 or AFST 235
Communicating through Writing Elective*	3	
Non-U.S. History or General Elective (if AFST 235 taken)	3	
Social Science (List A) or General Elective (if AFST 201 taken)	3	
Term 5		**Term 5**
Arts and Humanities (List A, B, or C)	3	Complete required AFST sequence:
Non-U.S. History or General Elective (if AFST 236 taken)	3	AFST 201-AFST 202 or AFST 235-AFST 236
Upper Level Distribution (U.S. Studies)	3	
Africana Studies (300-400 level major course)	3	
Social Science (List A) or General Elective (if AFST 202 taken)	3	
Term 6		**Term 6**
Upper Level Distribution (Foreign Studies)	3	
Africana Studies (300-400 level major courses)	6	
AFST 431	3	
Elective (300-400 level)	3	
Term 7		**Term 7**
AFST 432	3	
Electives (300-400 level)	9	
Social Science (List A or B)	3	
Term 8		**Term 8**
Electives (300-400 level)	9	
Social Science (List A or B)	3	
General Elective	3	

TOTAL (minimum)	**120**

* Students may elect to take either AFST 201-AFST202 or AFST 235-AFST236. Both course sequences are used in this plan to allow students additional study in the area while still satisfying Arts and Sciences degree requirements

Requirements for the Bachelor of Arts, Interdisciplinary Programs Major – American Studies Concentration

Academic Plan		**Milestones**
Term 1	**Hours**	**Term 1**
ENGL 101 (or equivalent)*	3	Completion of at least 12 credit hours
Quantitative Reasoning Elective*	3-4	
Foreign Language (intermediate level)*	3	
Natural Science Lab*	4	
General Elective	0-1	
Term 2		**Term 2**
ENGL 102 (or equivalent)*	3	ENGL 101
Foreign Language (intermediate level)*	3	
Quantitative Reasoning Elective*	3-4	
Natural Science Lab (continuation of sequence)*	4	
Social Science (List A)	3	
Term 3		**Term 3**
Foreign Language or General Elective	3	Completion of at least 12 credit hours
Communicating Orally Elective*	3	
ENGL 231*	3	
Non-U.S. History	3	
Social Science (List A)	3	
Term 4		**Term 4**
Foreign Language or General Elective	3	ENGL 102
ENGL 232* or ENGL 233*	3	
Non-U.S. History (continuation of sequence)	3	
Social Science (List A or B)	3	
Natural Science	3	
Term 5		**Term 5**
AMST 310	3	ENGL 231
Arts and Humanities (List B)	3	One upper-level course towards American Studies major
Social Science (List A or B)	3	
Communicating through Writing Elective*	3	
General Elective	3	
Term 6		**Term 6**
American Studies (major)	9	
Upper Level Distribution (U.S. Studies)	3	
General Elective	3	
Term 7		**Term 7**
American Studies (major)	6	
Upper Level Distribution (Foreign Studies)	3	
Electives (300-400 level)	6	
Term 8		**Term 8**
American Studies (major)	9	
Elective (300-400 level)	3	
General elective	3	
TOTAL (minimum)	**120**	

Requirements for the Bachelor of Arts, Interdisciplinary Programs Major – Asian Studies Concentration

Academic Plan		**Milestones**
Term 1	**Hours**	**Term 1**
ENGL 101 (or equivalent)*	3	Completion of at least 12 credit hours
Quantitative Reasoning Elective*	3-4	
Foreign Language (intermediate level in geographic-cultural area)*	4-5	
Natural Science Lab*	4	

General Elective	0-1	

Term 2		**Term 2**
ENGL 102 (or equivalent)*	3	ENGL 101
Foreign Language (intermediate level in geographic-cultural area)*	4-5	
Quantitative Reasoning Elective*	3-4	
Natural Science Lab (continuation of sequence)*	4	
Social Science (List A)	3	

Term 3		**Term 3**
Foreign Language or General Elective	3	Completion of at least 12 credit hours
Communicating Orally Elective*	3	
Social Science (List A)	3	
Non-U.S. History	3	
Arts and Humanities (List A)	3	

Term 4		**Term 4**
Foreign Language or General Elective	3	ENGL 102
Natural Science	3	
Non-U.S. History (continuation of sequence)	3	
Social Science (List A or B)	3	
Arts and Humanities (List B)	3	

Term 5		**Term 5**
Communicating through Writing Elective*	3	One upper-division course towards Asian Studies major
Asian Studies (major)	3	
Social Science (List A or B)	3	
~~Communicating through Writing~~ (duplicate)	~~3~~	
General Elective	3	

Term 6		**Term 6**
Asian Studies (major)	9	
Upper Level Distribution (U.S. Studies)	3	
General Elective	3	

Term 7		**Term 7**
Asian Studies (major)	9	
Upper Level Distribution (Foreign Studies)	3	
Electives (300-400 level)	3	

Term 8		**Term 8**
Asian Studies (major)	5	
Elective (300-400 level, to reach 42 minimum upper-division hours)	7	
General elective (to reach 120 minimum total hours)	2	
TOTAL (minimum)	**120**	

Requirements for the Bachelor of Arts, Interdisciplinary Programs Major – Comparative Literature Concentration

Academic Plan		**Milestones**
Term 1	**Hours**	**Term 1**
ENGL 101 (or equivalent)*	3	Completion of at least 12 credit hours
Quantitative Reasoning Elective*	3-4	
Foreign Language (intermediate level)*	3	
Natural Science Lab*	4	
General Elective	1-2	

Term 2		**Term 2**
ENGL 102 (or equivalent)*	3	ENGL 101
Foreign Language (intermediate level)*	3	
Quantitative Reasoning Elective*	3-4	
Natural Science Lab (continuation of sequence)*	4	
Social Science (List A)	3	

Term 3		**Term 3**

Foreign Language or General Elective	3	Completion of at least 12 credit hours
Communicating Orally Elective*	3	
Social Science (List A)	3	
Non-U.S. History	3	
Arts and Humanities (List A)	3	

Term 4		**Term 4**
Foreign Language or General Elective	3	ENGL 102
COLI 202	3	
Non-U.S. History (continuation of sequence)	3	
Social Science (List A or B)	3	
Arts and Humanities (List B)	3	

Term 5		**Term 5**
Communicating through Writing Elective*	3	COLI 202
Comparative Literature (major)	3	
Social Science (List A or B)	3	
General Elective	6	

Term 6		**Term 6**
Comparative Literature (major)	9	
Upper Level Distribution (U.S. Studies)	3	
Electives (300-400 level)	3	

Term 7		**Term 7**
Comparative Literature (major)	6	
Upper Level Distribution (Foreign Studies)	3	
Electives (300-400 level)	3	
COLI 401	3	

Term 8		**Term 8**
Electives (300-400 level, to reach 42 minimum upper-division hours)	6	
General electives (to reach 120 minimum total hours)	6	
COLI 402	3	
TOTAL (minimum)	**120**	

Requirements for the Bachelor of Arts, Interdisciplinary Programs Major – Global Studies Concentration

Academic Plan		**Milestones**
Term 1	**Hours**	**Term 1**
ENGL 101 (or equivalent)*	3	Completion of at least 12 credit hours
Quantitative Reasoning Elective*	3-4	
Foreign Language (intermediate level)*	3	
Natural Science Lab*	4	
General Elective	1	

Term 2		**Term 2**
ENGL 102 (or equivalent)*	3	ENGL 101
Foreign Language (intermediate level)*	3	
Quantitative Reasoning Elective*	3	
Natural Science Lab (continuation of sequence)*	4	
Social Science (List A)	3	

Term 3		**Term 3**
SOCI 250*	4	Completion of at least 12 credit hours
Foreign Language or General Elective	3	
Communicating Orally Elective*	3	
Arts and Humanities (List A)	3	
Natural Science	3	

Term 4		**Term 4**
Social Science (List A)	3	ENGL 102
Foreign Language or General Elective	3	SOCI 250
Arts and Humanities (List A, B, or C)	3	

Communicating through Writing Elective*	3	
Non-U.S. History	3	

Term 5		**Term 5**
Arts and Humanities (List B)	3	Completion of at least 12 credit hours
Non-U.S. History (continuation of sequence)	3	
Social Science (List A or B)	3	
Upper Level Distribution (U.S. Studies)	3	
Global Studies major	3	

Term 6		**Term 6**
Upper Level Distribution (Foreign Studies)	3	
Global Studies major	9	
General Elective	3	

Term 7		**Term 7**
Global Studies major	9	
Elective (300-400 level)	3	
General Elective	3	

Term 8		**Term 8**
Global Studies major	9	
Elective (300-400 level)	3	
General Elective	3	
TOTAL (minimum)	**120**	

Requirements for the Bachelor of Arts, Interdisciplinary Programs Major – Judaic Studies Concentration

Academic Plan		**Milestones**
Term 1	**Hours**	**Term 1**
ENGL 101 (or equivalent)*	3	Completion of at least 12 credit hours
Quantitative Reasoning Elective*	3-4	
Foreign Language (intermediate level)*	3	
Natural Science Lab*	4	
General Elective	0-1	

Term 2		**Term 2**
ENGL 102 (or equivalent)*	3	ENGL 101
Foreign Language (intermediate level)*	3	
Quantitative Reasoning Elective*	3-4	
Natural Science Lab (continuation of sequence)*	4	
Social Science (List A)	3	

Term 3		**Term 3**
Foreign Language or General Elective	3	Completion of at least 12 credit hours
Communicating Orally Elective*	3	
Arts and Humanities (List A)	3	
Non-U.S. History	3	
Social Science (List A)	3	

Term 4		**Term 4**
Foreign Language or General Elective	3	ENGL 102
Arts and Humanities (List B)	3	
Non-U.S. History (continuation of sequence)	3	
Social Science (List A or B)	3	
Natural Science	3	

Term 5		**Term 5**
HIST 383	3	One course towards the Judaic Studies major
Arts and Humanities (List A, B, or C)	3	
Social Science (List A or B)	3	
Communicating through Writing Elective*	3	
Judaic Studies (major)	3	

Term 6		**Term 6**
REST 381	3	

Judaic Studies (major)	3	
Elective (300-400 level)	3	
Upper Level Distribution (U.S. Studies)	3	
General Elective	3	

Term 7		**Term 7**
Judaic Studies (major)	6	
Upper Level Distribution (Foreign Studies)	3	
General Elective	3	
Elective (300-400 level)	3	

Term 8		**Term 8**
Judaic Studies (major)	9	
Elective (300-400 level)	3	
General Elective	3	
TOTAL	**120**	

Requirements for the Bachelor of Arts, Interdisciplinary Programs Major – Latin American and Caribbean Studies
Concentration – Brazilian Track

Academic Plan **Milestones**

Term 1	**Hours**	**Term 1**
ENGL 101 (or equivalent)*	3	Completion of at least 12 credit hours
Quantitative Reasoning Elective*	3-4	
Foreign Language (intermediate level)*	3	
Natural Science Lab*	4	
General Elective	0-1	

Term 2		**Term 2**
ENGL 102 (or equivalent)*	3	ENGL 101
Foreign Language (intermediate level)*	3	
Quantitative Reasoning Elective*	3	
Natural Science Lab (continuation of sequence)*	4	
Social Science (List A)	3	

Term 3		**Term 3**
Foreign Language or General Elective	3	Completion of at least 12 credit hours
Communicating Orally Elective*	3	
Arts and Humanities (List A)	3	
Non-U.S. History	3	
Social Science (List A)	3	

Term 4		**Term 4**
Foreign Language or General Elective	3	ENGL 102
Arts and Humanities (List B)	3	
Non-U.S. History (continuation of sequence)	3	
Social Science (List A or B)	3	
Natural Science	3	

Term 5		**Term 5**
Latin American and Caribbean Studies (major)	3	One course for the LAC Studies Major
Arts and Humanities (List A, B, or C)	3	
Social Science (List A or B)	3	
Communicating through Writing Elective*	3	
Elective (300-400 level)	3	

Term 6		**Term 6**
Latin American and Caribbean Studies (major)	6	
Elective (300-400 level)	3	
Upper Level Distribution (U.S. Studies)	3	
General Elective	3	

Term 6 ½ (Summer Abroad)		**Term 6 ½ (Summer Abroad)**
PORT 491 or PORT 493	6	

Term 7		**Term 7**

Latin American and Caribbean Studies (major)	9	Apply to graduate
Upper Level Distribution (Foreign Studies)	3	

Term 8		**Term 8**
Latin American and Caribbean Studies (major)	3	
Elective (300-400 level)	3	
General Elective	6	
TOTAL (minimum)	**120**	

Requirements for the Bachelor of Arts, Interdisciplinary Programs Major – Latin American and Caribbean Studies Concentration – General Studies Track

Academic Plan		**Milestones**
Term 1	**Hours**	**Term 1**
ENGL 101 (or equivalent)*	3	Completion of at least 12 credit hours
Quantitative Reasoning Elective*	3-4	
Foreign Language (intermediate level)*	3	
Natural Science Lab*	4	
General Elective	0-1	
Term 2		**Term 2**
ENGL 102 (or equivalent)*	3	ENGL 101
Foreign Language (intermediate level)*	3	
Quantitative Reasoning Elective*	3	
Natural Science Lab (continuation of sequence)*	4	
Social Science (List A)	3	
Term 3		**Term 3**
Foreign Language or General Elective	3	Completion of at least 12 credit hours
Communicating Orally Elective*	3	
Arts and Humanities (List A)	3	
Non-U.S. History	3	
Social Science (List A)	3	
Term 4		**Term 4**
Foreign Language or General Elective	3	ENGL 102
Arts and Humanities (List B)	3	
Non-U.S. History (continuation of sequence)	3	
Social Science (List A or B)	3	
Natural Science	3	
Term 5		**Term 5**
PORT 315, PORT 326, or SPAN 323	3	One course for the LAC studies major
Arts and Humanities (List A, B, or C)	3	
Social Science (List A or B)	3	
Communicating through Writing Elective*	3	
Elective (300-400 level)	3	
Term 6		**Term 6**
Latin American and Caribbean Studies (major)	6	
Elective (300-400 level)	3	
Upper Level Distribution (U.S. Studies)	3	
General Elective	3	
Term 7		**Term 7**
Latin American and Caribbean Studies (major)	9	
Upper Level Distribution (Foreign Studies)	3	
General Elective	3	
Term 8		**Term 8**
Latin American and Caribbean Studies (major)	9	
Elective (300-400 level)	3	
General Elective	3	
TOTAL (minimum)	**120**	

Requirements for the Bachelor of Arts, Interdisciplinary Programs Major – Linguistics Concentration

Academic Plan **Milestones**

Term 1	Hours	Term 1
ENGL 101 (or equivalent)*	3	Completion of at least 12 credit hours
Quantitative Reasoning Elective*	3-4	
Foreign Language (intermediate level)*	3	
Natural Science Lab*	4	
General Elective	0-1	

Term 2		Term 2
ENGL 102 (or equivalent)*	3	ENGL 101
Foreign Language (intermediate level)*	3	
Quantitative Reasoning Elective*	3	
Natural Science Lab (continuation of sequence)*	4	
Social Science (List A)	3	

Term 3		Term 3
Foreign Language (300 level)	3	Completion of at least 12 credit hours
Communicating Orally Elective*	3	
Arts and Humanities (List A)	3	
Non-U.S. History	3	
Social Science (List A)	3	

Term 4		Term 4
Foreign Language (300 level)	3	ENGL 102
AUSP 305	3	Complete elementary foreign language
Non-U.S. History (continuation of sequence)	3	
Social Science (List A or B) or LING 200	3	
Natural Science	3	

Term 5		Term 5
ENGL 371	3	AUSP 305
Arts and Humanities (List B)	3	One course towards intermediate foreign language proficiency
Non Indo-European Language Sequence	3-5	
LING 425	3	
Upper Level Distribution (U.S. Studies)	3	

Term 6		Term 6
Upper Level Distribution (Foreign Studies)	3	
ENGL 372	3	
Linguistics (major)	3	
Non Indo-European Language Sequence	3-5	
General Elective	0-3	

Term 7		Term 7
ENGL 471	3	Apply to graduate
LING 423	3	
Linguistics (major)	3	
Elective (300-400 level)	3	
Social Science (List A or B)	3	

Term 8		Term 8
Communicating through Writing	3	
LING 426	3	
Linguistics (major)	3	
Arts and Humanities (List A, B, or C)	3	
Elective (300-400 level)	3	
TOTAL (minimum)	**120**	

Requirements for the Bachelor of Arts, Interdisciplinary Programs Major – Medieval and Renaissance Studies Concentration

Academic Plan **Milestones**

Term 1	Hours	Term 1
ENGL 101 (or equivalent)*	3	Completion of at least 12 credit hours
Quantitative Reasoning Elective*	3-4	
Foreign Language (intermediate level)*	3	

Natural Science Lab*	4	
General Elective	1	

Term 2		**Term 2**
ENGL 102 (or equivalent)*	3	ENGL 101
Foreign Language (intermediate level)*	3	
Quantitative Reasoning Elective*	3	
Natural Science Lab (continuation of sequence)*	4	
Social Science (List A)	3	

Term 3		**Term 3**
Social Science (List A)	3	Completion of at least 12 credit hours
Foreign Language or General Elective	3	
MRST 201*	3	
Arts and Humanities (List A)	3	
Natural Science	3	

Term 4		**Term 4**
Social Science (List A or B)	3	ENGL 102
Foreign Language or General Elective	3	MRST 201 or MRST 202
Arts and Humanities (List B)	3	
Communicating through Writing Elective*	3	
MRST 202*	3	

Term 5		**Term 5**
Arts and Humanities (List A, B, or C)	3	Medieval and Renaissance Studies foundational course
Communicating Orally Elective*	3	
Social Science (List A or B)	3	
Upper Level Distribution (U.S. Studies)	3	
Medieval and Renaissance Studies (foundational course)	3	

Term 6		**Term 6**
Upper Level Distribution (Foreign Studies)	3	
Medieval and Renaissance Studies (upper-division)	6	
Elective (300-400 level)	3	
Medieval and Renaissance Studies (foundational course)	3	

Term 7		**Term 7**
Medieval and Renaissance Studies (upper-division)	6	
Medieval and Renaissance Studies (Capstone)	3	
Elective (300-400 level)	3	
HIST 314	3	

Term 8		**Term 8**
Medieval and Renaissance Studies (upper-division)	3	
Elective (300-400 level)	9	
General Elective	3	
TOTAL (minimum)	**120**	

Requirements for the Bachelor of Arts, Interdisciplinary Programs Major – Neuroscience Concentration

Academic Plan		**Milestones**
Term 1	**Hours**	**Term 1**
BIOL 130* or BIOL 138*	4	Completion of at least 12 credit hours
CHEM 120* or CHEM 128*	4	
ENGL 101 (or equivalent)*	3	
INPG 200	1	
MATH 125*, MATH 141*, MATH 147*, or MATH 151*	3-4	

Term 2		**Term 2**

BIOL 140 or BIOL 148*	4	ENGL 101
CHEM 130 or CHEM 138*	4	MATH 125 or MATH 141 or MATH 151
ENGL 102 (or equivalent)*	3	
Social Science (List A)	3	
MATH 142*, MATH 147*, MATH 152*, STAT 201*, or STAT 207*	3-4	

Term 3		**Term 3**
Foreign Language (intermediate level)*	3	BIOL 130
CHEM 350 or CHEM 358	3	
PHIL 345*	3	
PHYS 221*	4	
PSYC 110* or PSYC 117*	3	

Term 4		**Term 4**
Foreign Language (intermediate level)*	3	ENGL 102
CHEM 360 or CHEM 368	3	
CHEM 369	2	
PHYS 222*	4	
BCMB 311 or BCMB 401	3-4	

Term 5		**Term 5**
Non-US History	3	BIOL 140
BCMB 415	3	
Communicating Orally Elective*	3	
PSYC 210	3	
Neuroscience Major (lecture)	3	

Term 6		**Term 6**
Non-US History (continuation of sequence)	3	PSYC 210
INPG 400	2	
Social Science (List A or B)	3	
Arts & Humanities (List A)	3	
Neuroscience Major (lecture)	3	
Neuroscience Major (lab)	2-3	

Term 7		**Term 7**
Social Science (List A or B)	3	
Neuroscience Major (lecture)	6	
INPG 400	2	
Upper-Level Distribution	3	
Neuroscience Major (lab)	2-3	

Term 8		**Term 8**
Upper-Level Distribution	3	
Neuroscience Major (lecture)	3	
Arts & Humanities (List A, B, or C)	3	
Electives (to reach 120 total hours)	1	
TOTAL (minimum)	**120**	

Requirements for the Bachelor of Arts, Interdisciplinary Programs Major – Sustainability Concentration

Academic Plan		**Milestones**
Term 1	**Hours**	**Term 1**
ENGL 101 (or equivalent)*	3	Completion of at least 12 credit hours
Foreign Language (intermediate level)*	3	
GEOG 131*, GEOL 137*, or GEOL 103*	4	
Quantitative Reasoning Elective*	3-4	
General Elective	0-1	

Term 2		**Term 2**
ENGL 102 (or equivalent)*	3	ENGL 101
Foreign Language (intermediate level)*	3	
Natural Science Lab (continuation of sequence)*	4	
Quantitative Reasoning Elective*	3-4	
Social Science (List A)	3	

Term 3	
Non-U.S. History	3
GEOL 206*	3
Arts and Humanities (List A)	3
SOCI 250*	3
General Elective	3

Term 3
GEOL 103 or GEOG 131

Term 4	
Sustainability (major)	3
Arts and Humanities (List B)	3
Non-U.S. History (continuation of sequence)	3
ECON 201* or ECON 207*	4
General Elective	3

Term 4
ENGL 102
GEOL 206
ECON 201

Term 5	
BIOL 250 or FWF 250*	3-4
Arts and Humanities (List A, B, or C)	3
Sustainability (major)	6
Social Science (List A or B)	3

Term 5
SOCI 250

Term 6	
Sustainability (major)	9
Electives (300-400 level)	6

Term 6

Term 7	
Sustainability (major)	3
GEOL 493	3
Upper Level Distribution (U.S. Studies)	3
Communicating Orally Elective*	3
General Elective	3

Term 7

Term 8	
Sustainability (major)	3
Upper Level Distribution (Foreign Studies)	3
Communicating through Writing Elective*	3
General Elective	1-3
Elective (300-400 level)	3
TOTAL (minimum)	**120**

Term 8

Requirements for the Bachelor of Arts, Interdisciplinary Programs Major – Women's Studies Concentration

Academic Plan	
Term 1	**Hours**
ENGL 101 (or equivalent)*	3
Quantitative Reasoning Elective*	3-4
Foreign Language (intermediate level)*	3
Natural Science Lab*	4
General Elective	1

Milestones
Term 1
Completion of at least 12 credit hours

Term 2	
ENGL 102 (or equivalent)*	3
Quantitative Reasoning Elective*	3
Foreign Language (intermediate level)*	3
Natural Science Lab (continuation of sequence)*	4
Social Science (List A)	3

Term 2
ENGL 101

Term 3	
Social Science (List A)	4
Foreign Language or General Elective	3
Communicating Orally Elective*	3
WOST 210 or WOST 215	3
Natural Science	3

Term 3
Completion of at least 12 credit hours

Term 4	
WOST 220*	3

Term 4
ENGL 102

Foreign Language or General Elective	3	WOST 210 or WOST 215
Arts and Humanities (List A, B or C)	3	
Communicating through Writing Elective*	3	
Non-U.S. History	3	

Term 5		**Term 5**
Arts and Humanities (List B)	3	WOST 202 or WOST 310
Non-U.S. History (continuation of sequence)	3	
Social Science (List A or B)	3	
Upper Level Distribution (U.S. Studies)	3	
WOST 310	3	

Term 6		**Term 6**
Upper Level Distribution (Foreign Studies)	3	
General Elective	6	
Women's Studies (major)	6	

Term 7		**Term 7**
Women's Studies (major)	6	
WOST 493	3	
General Elective	6	

Term 8		**Term 8**
Women's Studies (major)	6	
Electives (must reach a minimum of 120 total hours and 42 upper-division hours)	9	
TOTAL (minimum)	**120**	

* WOST 330 and WOST 382 satisfy the General Education Communicating through Writing requirement and can be simultaneously applied to the major. Students who complete either of these courses may replace 3 hours of major courses with general electives in term 8.

Requirements for the Bachelor of Science, Mathematics Major

Academic Plan		**Milestones**
Term 1	**Hours**	**Term 1**
ENGL 101 (or equivalent)*	3	MATH 130 or higher (Note: students who place into MATH 119 should complete the course the summer prior to fall term)
Foreign Language (intermediate level)*	3	
MATH 141* or MATH 147*	4	
Natural Science Lab*	4	
Unrestricted Elective	1	

Term 2		**Term 2**
ENGL 102 (or equivalent)*	3	ENGL 101
Foreign Language (intermediate level)*	3	MATH 141
MATH 142* or MATH 148*	4	
Natural Science Lab (continuation of sequence)*	4	
Unrestricted Elective	1	

Term 3		**Term 3**
MATH 231	3	MATH 142
MATH 241 or MATH 247	4	
Non-U.S. History*	3	
Social Sciences (List A)*	3	
Unrestricted Electives	2	

Term 4		**Term 4**
COSC 102* or MATH 171	3-4	ENGL 102
MATH 251 or MATH 257	3	MATH 241 with a grade of C or better
MATH 300 or MATH 307	3	
Non-U.S. History (continuation of sequence)*	3	
Unrestricted Electives	2-3	

Term 5		**Term 5**
Arts and Humanities (List A or B)*	3	COSC 102 or MATH 171
Mathematics (major)	6	MATH 231 with a grade of C or better
Unrestricted Electives	3	MATH 251 with a grade of C or better
Upper-Level Distribution (U.S. Studies)	3	

Term 6		**Term 6**
Arts and Humanities (List A, B, or C)*	3	
Mathematics (major)	6	
Social Sciences (List A)*	3	
Unrestricted Electives (300- or 400-level)	3	
Term 7		**Term 7**
Communicating Orally Elective*	3	
Communicating through Writing Elective*	3	
Mathematics (major)	6	
Unrestricted Electives	3	
Term 8		**Term 8**
Mathematics (major)	6	
Unrestricted Electives (300- or 400-level)	6	
Upper-Level Distribution (Foreign Studies)	3	
TOTAL (minimum)	**120**	

Requirements for the Bachelor of Arts, Modern Foreign Languages and Literatures Major – Language and World Business/Chinese Concentration

Academic Plan		**Milestones**
Term 1	**Hours**	**Term 1**
ENGL 101 (or equivalent)*	3	2.3 cumulative GPA
ASLN 131	5	
Natural Science Lab*	4	
MATH 125*, MATH 141*, or MATH 147*	3-4	
General Elective	0-2	
Term 2		**Term 2**
ENGL 102 (or equivalent)*	3	ENGL 101
ASLN 132	5	MATH 125 or MATH 141
Natural Science Lab (continuation of sequence)*	4	2.4 cumulative GPA and 3.0 GPA in Chinese language courses
STAT 201* or STAT 207*	3	ASLN 132
Social Science (List A)	3	
Term 3		**Term 3**
MFLL 199	2	2.5 cumulative GPA and 3.0 GPA in Chinese language courses
ACCT 200 or ACCT 207*	3	STAT 201
ASLN 231	5	
ECON 201* or ECON 207*	4	
Arts and Humanities (List A, B, or C)	3	
Term 4		**Term 4**
MGT 201	3	ACCT 200
Social Science (List A or B)	3	ECON 201
ASLN 232	5	ENGL 102
PHIL 244 (AH,OC)*	3	ASLN 232
Natural Science	3	2.6 cumulative GPA in all courses and a 3.0 GPA in Chinese language courses
Term 5		**Term 5**
ASLN 331	4	300-level Chinese language course
Social Science (List A or B)	3	2.7 cumulative GPA in all courses and a 3.0 GPA in Chinese language courses
Professional Emphasis	3-6	MGT 201
Non-U.S. History	3	MFLL 199
Term 6		**Term 6**
ASLN 332	4	
Communicating through Writing/Arts and Humanities (List A)	3	
Professional Emphasis	3-6	
ASLN 490 or ASLN 491	3	
Term 7		**Term 7**

Chinese Language & World Business (major)	6	
Non-U.S. History (continuation of sequence)	3	
Upper Level Distribution (U.S. Studies)	3	
Professional Emphasis	3	

Term 8		**Term 8**
Chinese Language & World Business (major)	3	
Upper Level Distribution (Foreign Studies)	3	
Professional Emphasis	3-4	
Elective (300-400 level)	0-4	
General Elective	0-3	
TOTAL (minimum)	**120**	

Requirements for the Bachelor of Arts, Modern Foreign Languages and Literatures Major – French and Francophone Studies Concentration

Academic Plan **Milestones**

Term 1	**Hours**	**Term 1**
ENGL 101 (or equivalent)*	3	Completion of at least 12 credit hours
FREN 211* or FREN 217*	3	
Natural Science Lab*	4	
Quantitative Reasoning Elective*	3	
General Elective	2	

Term 2		**Term 2**
ENGL 102 (or equivalent)*	3	ENGL 101
FREN 212* or FREN 218*	3	
Natural Science Lab (continuation of sequence)*	4	
Quantitative Reasoning Elective*	3	
Social Science (List A)	3	

Term 3		**Term 3**
FREN 333	3	FREN 211 or FREN 123
Non-U.S. History	3	
Natural Science	3	
Social Science (List A)	3	
Arts and Humanities (List A)	3	

Term 4		**Term 4**
FREN 334	3	ENGL 102
Social Science (List A or B)	3	FREN 212 or FREN 223
Non-U.S. History (continuation of sequence)	3	
Communicating Orally Elective*	3	
General Elective	3	

Term 5		**Term 5**
FREN 353	3	300-level French course
French (major)	3	
Arts and Humanities (List B)	3	
Social Science (List A or B)	3	
Communicating through Writing Elective*	3	

Term 6		**Term 6**
French (major)	6	
Arts and Humanities (List A, B, or C)	3	
Upper Level Distribution (U.S. Studies)	3	
General Elective	3	

Term 7		**Term 7**
French (major)	3	
FREN 422	3	
Upper Level Distribution (Foreign Studies)	3	
Elective (300-400 Level)	3	
General Elective	3	

Term 8	
FREN 440	3
400-level French Literature	3
Elective (300-400 Level)	3
General Elective	5
TOTAL (minimum)	**120**

Term 8

Requirements for the Bachelor of Arts, Modern Foreign Languages and Literatures Major – Language and World Business/French and Francophone Studies Concentration

Academic Plan **Milestones**

Term 1	Hours
ENGL 101 (or equivalent)*	3
FREN 211* or FREN 217*	3
Natural Science Lab	4
MATH 125*, MATH 141*, or MATH 147*	3-4
General Elective	0-1

Term 1
2.3 cumulative GPA

Term 2	
ENGL 102 (or equivalent)*	3
FREN 212* or FREN 218*	3
Natural Science Lab (continuation of sequence)*	4
STAT 201* or STAT 207*	3
Social Science (List A)	3

Term 2
ENGL 101
MATH 125 or MATH 141
2.4 cumulative GPA and 3.0 GPA in French language courses

Term 3	
MFLL 199	2
ACCT 200 or ACCT 207	3
French (major)	3
ECON 201* or ECON 207*	4
Arts and Humanities (List A)	3

Term 3
2.5 cumulative GPA and 3.0 GPA in French language courses
STAT 201
FREN 211 or FREN 123

Term 4	
MGT 201	3
Social Science (List A or B)	3
French (major)	3
PHIL 244 (AH,OC)*	3
Natural Science	3

Term 4
ACCT 200
ECON 201
ENGL 102
FREN 212 or FREN 223
2.6 cumulative GPA and 3.0 GPA in French language courses

Term 5	
French (major)	6
Social Science (List A or B)	3
Professional Emphasis	6

Term 5
300-level French language course
2.7 cumulative GPA and 3.0 GPA in French language courses
MGT 201
MFLL 199

Term 6	
French (major)	3
Communicating through Writing/Arts and Humanities (List A)*	3
Professional Emphasis	6
FREN 490, FREN 491, or FREN 493	3

Term 6

Term 7	
French (major)	6
Non-U.S. History	3
Upper Level Distribution (U.S. Studies)	3
Professional Emphasis	3

Term 7

Term 8	
French (major)	6
Non-U.S. History (continuation of sequence)	3
Professional Emphasis	3-4
Upper Level Distribution (Foreign Studies)	3
TOTAL (minimum)	**120**

Term 8

Requirements for the Bachelor of Arts, Modern Foreign Languages and Literatures Major – German Studies Concentration

Academic Plan		Milestones
Term 1	**Hours**	**Term 1**
ENGL 101 (or equivalent)*	3	Completion of at least 12 credit hours
GERM 101	3	
Natural Science Lab*	4	
Quantitative Reasoning Elective*	3-4	
General Elective	0-1	
Term 2		**Term 2**
ENGL 102 (or equivalent)*	3	ENGL 101
GERM 102	3	
Natural Science Lab (continuation of sequence)*	4	
Quantitative Reasoning Elective*	3	
Social Science (List A)	3	
Term 3		**Term 3**
Non-U.S. History	3	GERM 201 or GERM 123
Natural Science	3	
GERM 201*	3	
Social Science (List A)	3	
Arts and Humanities (List A)	3	
Term 4		**Term 4**
Non-U.S. History (continuation of sequence)	3	ENGL 102
Social Science (List A)	3	GERM 202 or GERM 223
GERM 202*	3	
Arts and Humanities (List B)	3	
German (major)	3	
Term 5		**Term 5**
German (major)	6	300-level German course
Social Science (List A or B)	3	
Arts and Humanities (List A, B, or C)	3	
Upper Level Distribution (U.S. Studies)	3	
Term 6		**Term 6**
German (major)	9	
Communicating Orally Elective*	3	
Upper Level Distribution (Foreign Studies)	3	
Term 7		**Term 7**
German (major)	9	
Communicating through Writing Elective*	3	
General Elective	3	
Term 8		**Term 8**
German (major)	9	
General Electives	6	
TOTAL (minimum)	**120**	

Requirements for the Bachelor of Arts, Modern Foreign Languages and Literatures Major – German Language and Literature Concentration

Academic Plan		Milestones
Term 1	**Hours**	**Term 1**
ENGL 101 (or equivalent)*	3	Completion of at least 12 credit hours
GERM 101	3	
Natural Science Lab*	4	
Quantitative Reasoning Elective*	3-4	
General Elective	0-1	
Term 2		**Term 2**
ENGL 102 (or equivalent)*	3	ENGL 101
GERM 102	3	
Natural Science Lab (continuation of sequence)*	4	
Quantitative Reasoning Elective*	3	

Social Science (List A)	3	

Term 3		**Term 3**
Non-U.S. History	3	GERM 201 or GERM 123
Natural Science	3	
GERM 201*	3	
Social Science (List A)	3	
Arts and Humanities (List A)	3	

Term 4		**Term 4**
Non-U.S. History (continuation of sequence)*	3	ENGL 102
Social Science (List A or B)	3	GERM 202 or GERM 223
GERM 202*	3	
Arts and Humanities (List B)	3	
German (major)	3	

Term 5		**Term 5**
German (major)	3	300-level German course
Social Science (List A or B)	3	
Arts and Humanities (List A, B, or C)	3	
Upper Level Distribution (U.S. Studies)	3	
GERM 301	3	

Term 6		**Term 6**
German (major)	6	
Communicating Orally	3	
Upper Level Distribution (Foreign Studies)	3	
GERM 302	3	

Term 7		**Term 7**
German (major)	6	
Communicating Through Writing Elective*	3	
Electives (300-400 level)	6	

Term 8		**Term 8**
German (major)	6	
General Electives	9	
TOTAL (minimum)	**120**	

Requirements for the Bachelor of Arts, Modern Foreign Languages and Literatures Major – Language and World Business/German Concentration

Academic Plan **Milestones**

Term 1	**Hours**	**Term 1**
ENGL 101 (or equivalent)*	3	2.3 cumulative GPA
GERM 101	3	
Natural Science Lab*	4	
MATH 125*, MATH 141*, or MATH 147*	3-4	
General Elective	0-1	

Term 2		**Term 2**
ENGL 102 (or equivalent)*	3	ENGL 101
GERM 102	3	MATH 125 or MATH 141
Natural Science Lab (continuation of sequence)*	4	2.4 cumulative GPA and 3.0 GPA in German language courses
STAT 201* or STAT 207*	3	
Social Science (List A)	3	

Term 3		**Term 3**
MFLL 199	2	2.5 cumulative GPA and 3.0 GPA in German language courses
ACCT 200 or ACCT 207	3	STAT 201
GERM 201*	3	GERM 201 or MATH 123
ECON 201* or ECON 207*	4	
Arts and Humanities (List A, B, or C)	3	

Term 4		**Term 4**
MGT 201	3	ACCT 200

Social Science (List A or B)	3	ECON 201
GERM 202*	3	ENGL 102
PHIL 244 (AH,OC)*	3	GERM 202 or GERM 223
Natural Science	3	2.6 cumulative GPA and 3.0 GPA in German language courses

Term 5		**Term 5**
German (major)	6	300-level German language course
Social Science (List A or B)	3	2.7 cumulative GPA and 3.0 GPA in German language courses
Professional Emphasis	6	MGT 201
		MFLL 199

Term 6		**Term 6**
German (major)	6	
Communicating through Writing/Arts & Humanities List (List A)*	3	
Professional Emphasis	6	
GERM 490, GERM 491, or GERM 493	3	

Term 7		**Term 7**
German (major)	6	
Non-U.S. History	3	
Upper Level Distribution (German literature course)	3	
Professional Emphasis	3	

Term 8		**Term 8**
German (major)	6	
Non-U.S. History (continuation of sequence)	3	
Professional Emphasis	3-4	
Upper Level Distribution (U.S. Studies)	3	
TOTAL (minimum)	**120**	

Requirements for the Bachelor of Arts, Modern Foreign Languages and Literatures Major – Hispanic Studies Concentration

Academic Plan **Milestones**

Term 1	**Hours**	**Term 1**
ENGL 101 (or equivalent)*	3	Completion of at least 12 credit hours
SPAN 211* or SPAN 217*	3	
Natural Science Lab*	4	
Quantitative Reasoning Elective*	3	
General Elective	2	

Term 2		**Term 2**
ENGL 102 (or equivalent)*	3	ENGL 101
SPAN 212* or SPAN 218*	3	
Natural Science Lab (continuation of sequence)*	4	
Quantitative Reasoning Elective*	3	
Social Science (List A)	3	

Term 3		**Term 3**
SPAN 300 (unless B or better in SPAN 218*)	3	SPAN 211 or SPAN 123
Non-U.S. History	3	
Natural Science	3	
Social Science (List A)	3	
Arts and Humanities (List A)	3	

Term 4		**Term 4**
SPAN 323	3	ENGL 102
Social Science (List A)	3	SPAN 212 or SPAN 223
Non-U.S. History (continuation of sequence)	3	
Communicating Orally Elective*	3	
General Elective	3	

Term 5		**Term 5**
SPAN 332, SPAN 333, or SPAN 334	3	300-level Spanish course
SPAN 330	3	

Arts and Humanities (List B)	3
Social Science (List A or B)	3
Communicating through Writing Elective*	3

Term 6	
SPAN 331	3
Spanish (major)	3
Arts and Humanities (List A, B, or C)	3
Upper Level Distribution (U.S. Studies)	3
General Elective	3

Term 7	
Spanish (major)	6
Upper Level Distribution (Foreign Studies)	3
Elective (300-400 level)	3
General Elective	3

Term 8	
Spanish (major)	9
General Electives	5
TOTAL (minimum)	**120**

Requirements for the Bachelor of Arts, Modern Foreign Languages and Literatures Major – Language and World Business/Hispanic Studies Concentration

Academic Plan

Term 1	**Hours**
ENGL 101 (or equivalent)*	3
SPAN 211* or SPAN 217*	3
Natural Science Lab*	4
MATH 125*, MATH 141*, or MATH 147*	3-4
General Elective	0-1

Term 2	
ENGL 102 (or equivalent)*	3
SPAN 212* or SPAN 218*	3
Natural Science Lab (continuation of sequence)*	4
STAT 201* or STAT 207*	3
Social Science (List A)	3

Term 3	
MFLL 199	2
ACCT 200 or ACCT 207	3
SPAN 300 (unless B or better in SPAN 218*)	3
ECON 201* or ECON 207*	4
Arts and Humanities (List A, B, or C)	3

Term 4	
MGT 201	3
Social Science (List A or B)	3
Spanish (major)	3
PHIL 244 (AH,OC)*	3
Natural Science	3

Term 5	
Spanish (major)	6
Social Science (List A or B)	3
Professional Emphasis	6

Term 6	
Spanish (major)	6
Communicating through Writing/Arts & Humanities (List A)*	3
Professional Emphasis	6
SPAN 490, SPAN 491, or SPAN 493	3

Milestones

Term 1
2.3 cumulative GPA

Term 2
ENGL 101
MATH 125 or MATH 141
2.4 cumulative GPA and 3.0 GPA in Spanish language courses

Term 3
2.5 cumulative GPA and 3.0 GPA in Spanish language courses
STAT 201
SPAN 211 or SPAN 123

Term 4
ACCT 200
ECON 201
ENGL 102
SPAN 212 or SPAN 223
2.6 cumulative GPA and 3.0 GPA in Spanish language courses

Term 5
300-level Spanish language course
2.7 cumulative GPA and 3.0 GPA in Spanish language courses
MGT 201
MFLL 199

Term 6

Term 7	
Spanish (major)	6
Non-U.S. History	3
Upper Level Distribution (Spanish literature course)	3
Professional Emphasis	3

Term 7

Term 8	
Spanish (major)	6
Non-U.S. History (continuation of sequence)	3
Professional Emphasis	3-4
Upper Level Distribution (U.S. Studies)	3
TOTAL (minimum)	**120**

Term 8

Requirements for the Bachelor of Arts, Modern Foreign Languages and Literatures Major – Italian Concentration

Academic Plan **Milestones**

Term 1	Hours
ENGL 101 (or equivalent)*	3
ITAL 111	3
Natural Science Lab*	4
Quantitative Reasoning Elective*	3
General Elective	2

Term 1
Completion of at least 12 credit hours

Term 2	
ENGL 102 (or equivalent)*	3
ITAL 112	3
Natural Science Lab (continuation of sequence)*	4
Quantitative Reasoning Elective*	3
Social Science (List A)	3

Term 2
ENGL 101

Term 3	
ITAL 211*	3
Non-U.S. History	3
Natural Science	3
Social Science (List A)	3
Arts and Humanities (List A)	3

Term 3
ITAL 211 or ITAL 123

Term 4	
ITAL 212*	3
Social Science (List A)	3
Non-U.S. History (continuation of sequence)	3
Communicating Orally Elective*	3
General Elective	3

Term 4
ENGL 102
ITAL 212 or ITAL 223

Term 5	
Italian (major)	6
Arts and Humanities (List B)	3
Social Science (List A or B)	3
Communicating through Writing Elective*	3

Term 5
300-level Italian course

Term 6	
Italian (major)	6
Arts and Humanities (List A, B, or C)	3
Upper Level Distribution (U.S. Studies)	3
General Elective	3

Term 6

Term 7	
Italian (major)	6
Upper Level Distribution (Foreign Studies)	3
Elective (300-400 level)	3
General Elective	3

Term 7

Term 8	
Italian (major)	9
General Electives	5

Term 8

TOTAL (minimum)	**120**

Requirements for the Bachelor of Arts, Modern Foreign Languages and Literatures Major – Language and World Business/Italian Concentration

Academic Plan

Term 1	**Hours**
ENGL 101 (or equivalent)*	3
ITAL 111	3
Natural Science Lab*	4
MATH 125*, MATH 141* or MATH 147*	3-4
General Elective	0-1

Term 2	
ENGL 102 (or equivalent)*	3
ITAL 112	3
Natural Science Lab (continuation of sequence)*	4
STAT 201* or STAT 207*	3
Social Science (List A)	3

Term 3	
MFLL 199	2
ACCT 200 or ACCT 207	3
ITAL 211*	3
ECON 201* or ECON 207*	4
Arts and Humanities (List A, B, or C)	3

Term 4	
MGT 201	3
Social Science (List A or B)	3
ITAL 212*	3
PHIL 244 (AH,OC)*	3
Natural Science	3

Term 5	
Italian (major)	6
Social Science (List A or B)	3
Professional Emphasis	6

Term 6	
Italian (major)	3
Communicating through Writing/Arts & Humanities (List A)*	3
Professional Emphasis	6
ITAL 490, ITAL 491, or ITAL 493	3

Term 7	
Italian (major)	6
Non-U.S. History	3
Upper Level Distribution (Italian literature course)	3
Professional Emphasis	3

Term 8	
Italian (major)	6
Non-U.S. History (continuation of sequence)	3
Professional Emphasis	3-4
Upper Level Distribution (U.S. Studies)	3
TOTAL (minimum)	**120**

Milestones

Term 1
2.3 cumulative GPA

Term 2
ENGL 101
MATH 125 or MATH 141
2.4 cumulative GPA and 3.0 GPA in Italian language courses

Term 3
2.5 cumulative GPA and 3.0 GPA in Italian language courses
STAT 201
ITAL 211 or ITAL 123

Term 4
ACCT 200
ECON 201
ENGL 102
ITAL 212 or ITAL 223
2.6 cumulative GPA and 3.0 GPA in Italian language courses

Term 5
300-level Italian language course
2.7 cumulative GPA and 3.0 GPA in Italian language courses
MGT 201
MFLL 199

Term 6

Term 7

Term 8

Requirements for the Bachelor of Arts, Modern Foreign Languages and Literatures Major – Language and World Business/Japanese Concentration

Academic Plan

Term 1	**Hours**
ENGL 101 (or equivalent)*	3
ASLN 151	4

Milestones

Term 1
2.3 cumulative GPA

Natural Science Lab*	4	
MATH 125*, MATH 141*, or MATH 147*	3-4	
General Elective	0-2	

Term 2		**Term 2**
ENGL 102 (or equivalent)*	3	ENGL 101
ASLN 152	4	MATH 125 or MATH 141
Natural Science Lab (continuation of sequence)*	4	2.4 cumulative GPA and 3.0 GPA in Japanese language courses
STAT 201* or STAT 207*	3	ASLN 152
Social Science (List A)	3	

Term 3		**Term 3**
MFLL 199	2	2.5 cumulative GPA and 3.0 GPA in Japanese language courses
ACCT 200 or ACCT 207	3	STAT 201
ASLN 251*	4	
ECON 201* or ECON 207*	4	
Arts and Humanities (List A)	3	

Term 4		**Term 4**
MGT 201	3	ACCT 200
Social Science (List A or B)	3	ECON 201
ASLN 252*	4	ENGL 102
Arts and Humanities (List B)	3	ASLN 252
Natural Science	3	2.6 cumulative GPA and 3.0 GPA in Japanese language courses

Term 5		**Term 5**
ASLN 351	3	300-level Japanese language course
Social Science (List A or B)	3	2.7 cumulative GPA and 3.0 GPA in Japanese language courses
Professional Emphasis	3-6	MGT 201
Non-U.S. History	3	MFLL 199
Communicating Orally Elective*	3	

Term 6		**Term 6**
ASLN 352	3	
Communicating through Writing Elective*	3	
Professional Emphasis	3-6	
ASLN 490 or ASLN 491	3	
Arts and Humanities (List A, B, or C)	3	

Term 7		**Term 7**
Japanese Language and World Business (major)	6	
Non-U.S. History (continuation of sequence)	3	
Upper Level Distribution (U.S. Studies)	3	
Professional Emphasis	3	
MFLL 495	0	

Term 8		**Term 8**
Japanese Language and World Business (major)	6	
Upper Level Distribution (Foreign Studies)	3	
Professional Emphasis	3-4	
TOTAL (minimum)	**120**	

Requirements for the Bachelor of Arts, Modern Foreign Languages and Literatures Major – Language and World Business/Portuguese Concentration

Academic Plan **Milestones**

Term 1	**Hours**	**Term 1**
ENGL 101 (or equivalent)*	3	2.3 cumulative GPA
PORT 111	3	
Natural Science Lab*	4	
MATH 125*, MATH 141*, or MATH 147*	3-4	
General Elective	0-1	

Term 2	
ENGL 102 (or equivalent)*	3
PORT 112	3
Natural Science Lab (continuation of sequence)*	4
STAT 201* or STAT 207*	3
Social Science (List A)	3

Term 2
ENGL 101
MATH 125 or MATH 141
2.4 cumulative GPA and 3.0 GPA in Portuguese language courses

Term 3	
MFLL 199	2
ACCT 200	3
PORT 211*	3
ECON 201* or ECON 207*	4
Arts and Humanities (List A, B, or C)	3

Term 3
2.5 cumulative GPA in all courses and a 3.0 GPA in Portuguese language courses
STAT 201
PORT 211 or 123

Term 4	
MGT 201	3
Social Science (List A or B)	3
PORT 212*	3
PHIL 244 (AH,OC)	3
Natural Science	3

Term 4
ACCT 200
ECON 201
ENGL 102
PORT 212 or PORT 223
2.6 cumulative GPA and 3.0 GPA in Portuguese language courses

Term 5	
Portuguese (major)	6
Social Science (List A or B)	3
Professional Emphasis	6

Term 5
300-level Portuguese language course
2.7 cumulative GPA and 3.0 GPA in Portuguese language courses
MGT 201
MFLL 199

Term 6	
Portuguese (major)	6
Communicating through Writing/Arts and Humanities (List A)*	3
Professional Emphasis	6
PORT 490, PORT 491, or PORT 493	3

Term 6

Term 7	
Portuguese (major)	6
Non-U.S. History	3
Upper Level Distribution (Portuguese literature course)	3
Professional Emphasis	3

Term 7

Term 8	
Portuguese (major)	9
Non-U.S. History (continuation of sequence)	3
Professional Emphasis	3-4
Upper Level Distribution (US Studies)	3
TOTAL (minimum)	**120**

Term 8

Requirements for the Bachelor of Arts, Modern Foreign Languages and Literatures Major – Russian Studies Concentration

Academic Plan

Term 1	**Hours**
ENGL 101 (or equivalent)*	3
RUSS 101	4
Natural Science Lab*	4
Quantitative Reasoning Elective*	3-4
General Elective	0-1

Milestones

Term 1
Completion of at least 12 credit hours

Term 2	
ENGL 102 (or equivalent)*	3
RUSS 102	4
Natural Science Lab (continuation of sequence)*	4
Quantitative Reasoning Elective*	3-4

Term 2
ENGL 101
RUSS 102

General Elective	0-1	

Term 3		**Term 3**
Non-U.S. History	3	RUSS 201
Natural Science	3	
RUSS 201*	4	
Social Science (List A)	3	
Arts and Humanities (List A)	3	

Term 4		**Term 4**
Non-U.S. History (continuation of sequence)	3	ENGL 102
Social Science (List A)	6	RUSS 202
RUSS 202*	4	
Arts and Humanities (List B)	3	

Term 5		**Term 5**
RUSS 311	3	300-level Russian course
Russian (major)	3	
Social Science (List A or B)	3	
Arts and Humanities (List A, B, or C)	3	
General Elective	3	

Term 6		**Term 6**
RUSS 312	3	
Communication Orally Elective*	3	
Russian (major)	6	
Upper Level Distribution (U.S. Studies)	3	

Term 7		**Term 7**
RUSS 401	3	
Russian (major)	6	
Upper Level Distribution (Foreign Studies)	3	
Elective (300-400 level)	3	

Term 8		**Term 8**
RUSS 402	3	
Russian (major)	3	
Elective (300-400 level)	3	
Communicating Through Writing Elective*	3	
General Elective	1	
TOTAL (minimum)	**120**	

Requirements for the Bachelor of Arts, Modern Foreign Languages and Literatures Major – Language and World Business/Russian Studies Concentration

Academic Plan **Milestones**

Term 1	**Hours**	**Term 1**
ENGL 101 (or equivalent)*	3	2.3 cumulative GPA
RUSS 101	4	
Natural Science Lab*	4	
MATH 125*, MATH 141*, or MATH147*	3-4	

Term 2		**Term 2**
ENGL 102 (or equivalent)*	3	ENGL 101
RUSS 102	4	MATH 125 or 141
Natural Science Lab (continuation of sequence)*	4	2.4 cumulative GPA and 3.0 GPA in Russian language courses
STAT 201* or STAT 207*	3	RUSS 102
Social Science (List A)	3	

Term 3		**Term 3**
MFLL 199	2	2.5 cumulative GPA and 3.0 GPA in Russian language courses
ACCT 200 or ACCT 207	3	STAT 201
RUSS 201*	4	
ECON 201* or ECON 207*	4	
Arts and Humanities (List A, B, or C)	3	

Term 4	
MGT 201	3
Social Science (List A or B)	3
RUSS 202*	4
PHIL 244 (AH,OC)	3
Natural Science	3

Term 4
ACCT 200
ECON 201
ENGL 102
RUSS 202
2.6 cumulative GPA and 3.0 GPA in Russian language courses

Term 5	
Russian (major)	6
Social Science (List A or B)	3
Professional Emphasis	6

Term 5
300-level Russian language course
2.7 cumulative GPA and 3.0 GPA in Russian language courses
MGT 201
MFLL 199

Term 6	
Russian (major)	6
Communicating through Writing/Arts & Humanities (List A)*	3
Professional Emphasis	6
RUSS 490, RUSS 491, or RUSS 493	3

Term 6

Term 7	
Russian (major)	6
Non-U.S. History	3
Upper Level Distribution (Russian literature course)	3
Professional Emphasis	3

Term 7

Term 8	
Russian (major)	6
Non-U.S. History (continuation of sequence)	3
Professional Emphasis	3-4
Upper Level Distribution (U.S. Studies)	3
TOTAL (minimum)	**120**

Term 8

Requirements for the Bachelor of Arts, Music Major

Academic Plan **Milestones**

Term 1	Hours
ENGL 101	3
MUTH 110	3
MUTH 130	1
Music Performance (100 level)	1
Music Ensemble	1
MUCO 110	3
Natural Science lab	4
MUSC 200	0

Term 1
Complete 12 hours

Term 2	
ENGL 102	3
MUTH 120	3
MUTH 140	1
Music Performance (100 level)	1
Music Ensemble	1
Quantitative Reasoning	3
Natural Science lab	4
MUSC 200	0

Term 2
ENGL 101
One MUPF class
MUSC 200 (1st time)
One MUEN class
MUCO 110

Term 3	
MUTH 210	3
MUTH 230	1
MUCO 210	3
Music Performance (200 level or above)	2
Music Ensemble	1
Natural Science	3
Foreign Language	3
MUSC 200	0

Term 3
MUTH 110
MUTH 130

Term 4	
MUTH 220	3
MUTH 240	1
MUCO 220	3
Music Performance (200 level or above)	2
Music Ensemble	1
Quantitative Reasoning	3
Foreign Language	3
MUSC 200	0

Term 4
ENGL 102
Second MUPF course
MUSC 200 (2nd time)
Second MUEN course
MUCO 210 or 220

Term 5	
MUTH 310	3
Music Performance (200 level or above)	2
Electives or Foreign Language	0-3
Arts and Humanities List A	3
Non-US History	3
Social Science	3

Term 5
Third MUPF course
MUSC 200 (3rd time)
Third MUEN course
MUTH 120
MUTH 140

Term 6	
Social Science	3
Music Performance (200 level or above)	2
Electives or Foreign Language	0-3
Arts and Humanities List B	3
Non-US History	3
Upper Division Electives	3

Term 6

Term 7	
MUCO 350 or 380	3
Upper Level Distribution	3
*Social Science (Upper Division)	3
*Communicating Though Writing (Upper Division)	3
Upper Division Electives	3-4

Term 7

Term 8	
*Social Science (Upper Division)	3
Upper Level Distribution	3
Communicating Orally	3
*Music Elective (Upper Division)	0-3
Upper Division Electives	3-7
TOTAL	**120**

Term 8

*At least 42 hours at the 300 level or above required

Requirements for the Bachelor of Arts, Music Major – Music and Culture Concentration

Academic Plan **Milestones**

Term 1	**Hours**
ENGL 101	3
MUTH 110	3
MUTH 130	1
Music Performance (100 level)	1
MUCO 110, MUCO 115, MUCO 120, or MUCO 125	3
Natural Science lab	4
MUSC 200	0

Term 1
Complete 12 hours

Term 2	
ENGL 102	3
MUTH 120	3
MUTH 140	1
Music Performance (100 level)	1
ANTH 130, REST 101, REST 102, or SOCI 120	3
Natural Science lab	4
MUSC 200	0

Term 2
ENGL 101
Any 100-level MUCO course

Term 3	
MUTH 210	3

Term 3
MUTH 110

MUTH 230	1
MUCO 210	3
Quantitative Reasoning	3
Natural Science	3
Foreign Language	3
MUSC 200	0

MUTH 130

Term 4	
MUJZ 110 or MUTH 220	2-3
Arts and Humanities List A	3
MUCO 220	3
Social Science	3
Foreign Language	3
Non-US History	3
MUSC 200	0

Term 4
ENGL 102
Any two courses from MUCO 210, 220 and 290

Term 5	
MUCO 290	3
Music Ensemble (300 level)	1
Electives or Foreign Language	0-3
MUED 310, MUJZ 130, MUJZ 210, MUKB 110, MUKB 230, and/or MUVC 110	2
Non-US History	3
Interdisciplinary Elective	3
Upper Division Electives	3

Term 5
one of ANTH 130, SOCI 120, Religious Studies (REST) 101 or 102
one course in MUPF or one of MUEN 303, 304, 305, 315, 320, 330, 340, 350, 352, 353, 370, 380, 383, 389
MUTH 120
MUTH 140

Term 6	
Social Science	3
Music Ensemble (300 level)	1
Electives or Foreign Language	0-3
MUCO 380	3
Quantitative Reasoning	3
Upper Division Electives	6

Term 6

Term 7	
*Arts and Humanities List B	3
Upper Level Distribution	3
*Social Science (Upper Division)	3
*Communicating Though Writing (Upper Division)	3
Musicology (300-400 level)	3

Term 7

Term 8	
*Social Science (Upper Division)	3
Upper Level Distribution	3
Communicating Orally	3
Musicology (300-400 level)	3
Upper Division Electives	4
TOTAL	**120**

Term 8

*At least 42 hours at the 300 level or above required

Requirements for the Bachelor of Music, Music Major – Brass Instruments Concentration

Academic Plan **Milestones**

Term 1	**Hours**
ENGL 101	3
MUTH 110	3
MUTH 130	1
Music Performance (100 level)	3
Music Ensemble	1
MUKB 110	1
Cultures and Civilizations Elective	3
MUSC 200	0

Term 1
MUSC 200 (1st time)
One from MUEN 353, 350, 352, 370; OR one from MUEN 383, 389, 330, 303, 305, 304, 306 (no more than 2 credits)

Term 2	
ENGL 102	3
MUTH 120	3
MUTH 140	1
Music Performance (100 level)	3
Music Ensemble	1
MUKB 120	1
Cultures and Civilizations Elective	3
MUSC 200	0
MUCO 110	3

Term 2
ENGL 101
MUSC 200 (2nd time)
MUCO 110
A second course from MUEN 353, 350, 352, 370; OR one from MUEN 383, 389, 330, 303, 305, 304, 306 (no more than 2 credits)
One MUPF course

Term 3	
MUTH 210	3
MUTH 230	1
MUCO 210	3
Music Performance (200 level)	3
Music Ensemble	1
MUKB 210	1
Social Science Elective	3
MUSC 200	0

Term 3
MUSC 200 (3rd time)
A third course from MUEN 353, 350, 352, 370; OR one from MUEN 383, 389, 330, 303, 305, 304, 306 (no more than 2 credits)
MUTH 110
MUTH 130

Term 4	
MUTH 220	3
MUTH 240	1
MUCO 220	3
Music Performance (200 level)	3
Music Ensemble	1
MUKB 220	1
Social Science Elective	3
MUSC 200	0

Term 4
MUSC 200 (4th time)
Select one from MUCO 210 or 220
A fourth course from MUEN 353, 350, 352, 370; OR one from MUEN 383, 389, 330, 303, 305, 304, 306 (no more than 2 credits)
Second MUPF course
ENGL 102

Term 5	
MUTH 310	3
Music Performance (300 level)	3
Music Ensemble	1
MUCO 380	3
MUSC 200	0
Natural Science Elective	4

Term 5
Third MUPF course
MUSC 200 (5th time)
A fifth course from MUEN 353, 350, 352, 370; OR one from MUEN 383, 389, 330, 303, 305, 304, 306 (no more than 2 credits)
MUTH 120
MUTH 140
Select one from remaining MUCO 210 or 220

Term 6	
MUTH 320	2
Music Performance (300 level)	3
Music Ensemble	1
MUIN 310, MUIN 320, or MUIN 330	3
MUSC 200	0
MUSC 301	0
Natural Science Elective	3
Electives	3

Term 6

Term 7	
MUED 310	3
Music Electives	4
Music Performance (400 level)	3
Music Ensemble	1
MUSC 200	0
Quantitative Reasoning Elective	3

Term 7

Term 8	
Music Performance (400 level)	3

Term 8

Music Ensemble	1
MUSC 200	0
MUSC 401	0
Quantitative Reasoning Elective	3
Communicating Orally Elective	3
Electives	4
TOTAL	**120**

Requirements for the Bachelor of Music, Music Major – Music Education Concentration – String Emphasis

Academic Plan		**Milestones**
Term 1	**Hours**	**Term 1**
ENGL 101	3	MUSC 200 (1st time)
MUTH 110	3	One MUEN course - MUEN 370 or one of MUEN 350, 352, 353, 330, 380, 383, or 389 (2 max in degree)
MUTH 130	1	
Music Performance (100 level)	2	
MUEN 370	1	
MUKB 110	1	
MUED 240	1	
MUSC 200	0	
Term 2		**Term 2**
ENGL 102	3	ENGL 101
MUTH 120	3	MUSC 200 (2nd time)
MUTH 140	1	
Music Performance (100 level)	2	
MUEN 370	1	MUCO 110
MUKB 120	1	A second MUEN course - MUEN 370 or one of MUEN 350, 352, 353, 330, 380, 383, or 389 (2 max in degree)
MUED 241	1	One MUPF course
MUSC 200	0	
MUCO 110	3	
Term 3		**Term 3**
MUTH 210	3	MUSC 200 (3rd time)
MUTH 230	1	
MUCO 210	3	A third MUEN course - MUEN 370 or one of MUEN 350, 352, 353, 330, 380, 383, or 389 (2 max in degree)
Music Performance (200 level)	2	MUTH 110
MUEN 370	1	MUTH 130
Cultures and Civilizations Elective	3	
MUSC 200	0	
MUED 210 or 211	1	
CFS 210	3	
Term 4		**Term 4**
MUTH 220	3	MUSC 200 (4th time)
MUTH 240	1	ENGL 102
MUCO 220	3	
Music Performance (200 level)	2	Select one from MUCO 210 or 220
MUEN 370	1	A second MUPF course
Cultures and Civilizations Elective	3	A fourth MUEN course - MUEN 370 or one of MUEN 350, 352, 353, 330, 380, 383, or 389 (2 max in degree)
MUSC 200	0	
MUED 220 or 221	1	
Term 5		**Term 5**
MUED 230	1	A third MUPF course
Music Performance (200 or 300 level)	2	MUSC 200 (5th time)
MUEN 370	1	A fifth MUEN course - MUEN 370 or one of MUEN 350, 352, 353, 330, 380, 383, or 389 (2 max in degree)
MUCO 380	3	MUTH 120
MUSC 200	0	MUTH 140
MATH 115	3	Select one remaining from MUCO 210 or 220

MUED 310	3	
MUEN 315	1	
MUED 200	1	
Communicating Orally Elective	3	

Term 6		**Term 6**
MUTH 320	2	
Music Performance (200 or 300 level)	2	
Music Ensemble	1	
MUSC 200	0	
MUED 350	1	
Natural Science Elective	4	
MUED 340	3	
MUED 320	2	
MUEN 315	1	

Term 7		**Term 7**
MUED 350	1	
MUED 420	3	
Music Performance (300 or 400 level)	1	
Music Ensemble	1	
MUSC 200	0	
Quantitative Reasoning Elective	3	
MUED 441	2	
TPTE 486	3	

Term 8		**Term 8**
Music Performance (300 or 400 level)	1	
MUED 430	3	
MUSC 200	0	
MUSC 301	0	
Social Science Elective	3	
Natural Science Elective	3	
EDPY 401	3	
SPED 402	3	
TOTAL	**122**	

Requirements for the Bachelor of Music, Music Major – Music Education Concentration – Vocal-General/Keyboard Emphasis

Academic Plan **Milestones**

Term 1	**Hours**	**Term 1**
ENGL 101	3	MUSC 200 (1st time)
MUTH 110	3	One from MUEN 330, 380, 383 or 389
MUTH 130	1	
Music Performance (100 level Keyboard)	2	
MUEN 330 or MUEN 380 or MUEN 383 or MUEN 389	1	
MUPF 155, MUPF 156 or MUVC 110	1	
MUED 240	1	
MUSC 200	0	
Communicating Orally Elective	3	

Term 2		**Term 2**
ENGL 102	3	One MUPF course
MUTH 120	3	MUSC 200 (2nd time)
MUTH 140	1	A second course from MUEN 330, 380, 383 or 389
Music Performance (100 level Keyboard)	2	MUCO 110
MUEN 330 or MUEN 380 or MUEN 383 or MUEN 389	1	ENGL 101
MUPF 155, MUPF 156 or MUVC 110	1	
MUCO 110	3	
MUSC 200	0	

Term 3		**Term 3**
MUTH 210	3	MUSC 200 (3rd time)
MUTH 230	1	A third course from MUEN 330, 380, 383 or 389

MUCO 210	3
Music Performance (200 level Keyboard)	2
MUEN 330 or MUEN 380 or MUEN 383 or MUEN 389	1
Cultures and Civilizations Elective	3
MUSC 200	0
MUED 200	1
MUPF 155, MUPF 156 or MUPF 255, MUPF 256 (Voice)	1

MUTH 110
MUTH 130

Term 4	
MUTH 220	3
MUTH 240	1
MUCO 220	3
Music Performance (200 level Keyboard)	2
MUEN 330 or MUEN 380 or MUEN 383 or MUEN 389	1
Cultures and Civilizations Elective	3
MUSC 200	0
CFS 210	3
MUPF 155, MUPF 156 or MUPF 255, MUPF 256 (Voice)	1

Term 4
MUSC 200 (4th time)
Select one from MUCO 210 or 220
A second MUPF course
A fourth MUEN from 330, 380, 383 or 389
ENGL 102

Term 5	
Music Performance (200 or 300 level Keyboard)	2
MUEN 330 or MUEN 380 or MUEN 383 or MUEN 389	1
MUCO 380	3
MUSC 200	0
MATH 115	3
MUED 310	3
MUEN 399	1
MUED 210 or MUED 211	1
MUED 251	1
MUVC 450	2

Term 5
A third MUPF course
MUSC 200 (5th time)
A fifth MUEN course from 330, 380, 383 or 389
MUTH 120
MUTH 140
Select remaining course from MUCO 210 or 220

Term 6	
Music Performance (200 or 300 level Keyboard)	2
MUEN 330 or MUEN 380 or MUEN 383 or MUEN 389	1
MUSC 200	0
MUED 350	1
Natural Science Elective	4
MUEN 340	1
MUED 320	2
MUEN 399	1
MUTH 450	2
TPTE 486	3

Term 6

Term 7	
MUED 340	3
MUED 200	1
Music Performance (300 or 400 level)	1
MUEN 330 or MUEN 380 or MUEN 383 or MUEN 389	1
MUSC 200	0
Quantitative Reasoning Elective	3
Social Science Elective	3

Term 7

Term 8	
Music Performance (300 or 400 level)	1
MUED 430	3
MUED 350	1
MUSC 200	0

Term 8

MUSC 301	0	
Natural Science Elective	3	
EDPY 401	3	
SPED 402	3	
TOTAL	**121**	

Requirements for the Bachelor of Music, Music Major – Music Education Concentration – Vocal-General/Vocal Emphasis

Academic Plan		**Milestones**
Term 1	**Hours**	**Term 1**
ENGL 101	3	MUSC 200 (1st time)
MUTH 110	3	One course from MUEN 330, 380, 383, 389
MUTH 130	1	
Music Performance (100 level Voice)	2	
MUEN 330 or MUEN 380 or MUEN 383 or MUEN 389	1	
MUKB 110	1	
MUED 240	1	
MUSC 200	0	
Communicating Orally Elective	3	
Term 2		**Term 2**
ENGL 102	3	MUSC 200 (2nd time)
MUTH 120	3	ENGL 101
MUTH 140	1	A second MUEN course – one of MUEN 330, 380, 383, 389
Music Performance (100 level Voice)	2	MUCO 110
MUEN 330 or MUEN 380 or MUEN 383 or MUEN 389	1	One MUPF course
MUKB 120	1	
MUCO 110	3	
MUSC 200	0	
Term 3		**Term 3**
MUTH 210	3	MUSC 200 (3rd time)
MUTH 230	1	A third MUEN course – one of MUEN 330, 380, 383, 389
MUCO 210	3	MUTH 110
Music Performance (200 level Voice)	2	MUTH 130
MUEN 330 or MUEN 380 or MUEN 383 or MUEN 389	1	
Cultures and Civilizations Elective	3	
MUSC 200	0	
MUED 200	1	
MUKB 210	1	
Term 4		**Term 4**
MUTH 220	3	MUSC 200 (4th time)
MUTH 240	1	A second MUPF course
MUCO 220	3	A fourth MUEN course – one of MUEN 330, 380, 383, 389
Music Performance (200 level Voice)	2	MUCO 210 or 220
MUEN 330 or MUEN 380 or MUEN 383 or MUEN 389	1	ENGL 102
Cultures and Civilizations Elective	3	
MUSC 200	0	
CFS 210	3	
MUKB 220	1	
Term 5		**Term 5**
Music Performance (200 or 300 level Voice)	2	A third MUPF course
MUEN 330 or MUEN 380 or MUEN 383 or MUEN 389	1	MUSC 200 (5th time)
MUCO 380	3	A fifth MUEN course – one of MUEN 330, 380, 383, 389
MUSC 200	0	MUTH 120
MATH 115	3	MUTH 140
MUED 310	3	Select one from remaining MUCO 210 or 220
MUED 210 or MUED 211	1	

MUED 250	2
MUVC 450	2

Term 6	
Music Performance (200 or 300 level Voice)	2
MUEN 330 or MUEN 380 or MUEN 383 or MUEN 389	1
MUSC 200	0
MUED 350	1
Natural Science Elective	4
MUEN 340	1
MUED 320	2
MUTH 450	2
TPTE 486	3

Term 7	
MUED 340	3
MUED 200	1
Music Performance (300 or 400 level Voice)	1
MUEN 330 or MUEN 380 or MUEN 383 or MUEN 389	1
MUSC 200	0
Quantitative Reasoning Elective	3
Social Science Elective	3

Term 8	
Music Performance (300 or 400 level Voice)	1
MUEN 330 or MUEN 380 or MUEN 383 or MUEN 389	1
MUED 430	3
MUED 350	1
MUSC 200	0
MUSC 301	0
Natural Science Elective	3
EDPY 401	3
SPED 402	3
TOTAL	**121**

Requirements for the Bachelor of Music, Music Major – Music Education Concentration – Woodwind/Brass/Percussion Emphasis

Academic Plan

Term 1	**Hours**
ENGL 101	3
MUTH 110	3
MUTH 130	1
Music Performance (100 level)	2
Music Ensemble	1
MUKB 110	1
MUED 230	1
MUSC 200	0
MUEN 359	1

Term 2	
ENGL 102	3
MUTH 120	3
MUTH 140	1
Music Performance (100 level)	2
Music Ensemble	1
MUKB 120	1
MUED 240 or MUED 241	1
MUSC 200	0
MUCO 110	3

Milestones

Term 1
MUSC 200 (1st time)
One course from MUEN 350, 352, 353 or one of 370, 330, 380, 383, or 389 (2 max in degree)

Term 2
ENGL 101
MUSC 200 (2nd time)
MUCO 110
A MUPF course
A second MUEN course – one of MUEN 350, 352, 353 or one of 370, 330, 380, 383, or 389 (2 max in degree)

Term 3	
MUTH 210	3
MUTH 230	1
MUCO 210	3
Music Performance (200 level)	2
Music Ensemble	1
Cultures and Civilizations Elective	3
MUSC 200	0
MUED 210	1
MUED 220	1
MUEN 359	1

Term 3
MUSC 200 (3rd time)
A third MUEN course – one of MUEN 350, 352, 353 or one of 370, 330, 380, 383, or 389 (2 max in degree)
MUTH 110
MUTH 130

Term 4	
MUTH 220	3
MUTH 240	1
MUCO 220	3
Music Performance (200 level)	2
Music Ensemble	1
Cultures and Civilizations Elective	3
MUSC 200	0
MUED 211	1
MUED 221	1
CFS 210	3

Term 4
MUSC 200 (4th time)
ENGL 102
Select one from MUCO 210 or 220
A second MUPF course
A fourth MUEN course - one of MUEN 350, 352, 353 or one of 370, 330, 380, 383, or 389 (2 max in degree)

Term 5	
Music Performance (200 or 300 level)	2
Music Ensemble	1
MUCO 380	3
MUSC 200	0
MATH 115	3
MUED 310	3
MUEN 359	1
MUED 200	1
Communicating Orally Elective	3

Term 5
A third MUPF course
MUSC 200 (5th time)
A fifth MUEN course – one of MUEN 350, 352, 353 or one of 370, 330, 380, 383, or 389 (2 max in degree)
MUTH 120
MUTH 140
Select one course remaining from MUCO 210 or 220

Term 6	
MUTH 320	2
Music Performance (200 or 300 level)	2
Music Ensemble	1
MUSC 200	0
MUED 350	1
Natural Science Elective	4
MUED 340	3
MUED 320	2
MUED 212	1

Term 6

Term 7	
MUED 350	1
MUED 420	3
Music Performance (300 or 400 level)	1
Music Ensemble	1
MUSC 200	0
Quantitative Reasoning Elective	3
MUED 440	2
TPTE 486	3

Term 7

Term 8	
Music Performance (300 or 400 level)	1
MUED 430	3
MUSC 200	0

Term 8

MUSC 301	0	
Social Science Elective	3	
Natural Science Elective	3	
EDPY 401	3	
SPED 402	3	
TOTAL	**125**	

Requirements for the Bachelor of Music, Music Major – Organ Concentration

Academic Plan		**Milestones**
Term 1	**Hours**	**Term 1**
ENGL 101	3	MUSC 200 (1st time)
MUTH 110	3	One of (MUEN 380, 330, 383, 389) or (MUEN 399 -no more than 4 times)
MUTH 130	1	
MUPF 189	3	
Music Ensemble	1	
Foreign Language (200-level sequence)	3	
MUSC 200	0	
Term 2		**Term 2**
ENGL 102	3	MUSC 200 (2nd time)
MUTH 120	3	MUCO 110
MUTH 140	1	MUPF 189
MUPF 190	3	A second course from (MUEN 380, 330, 383, 389) or (MUEN 399 - no more than 4 times)
Music Ensemble	1	English 101
Foreign Language (200-level sequence)	3	
MUSC 200	0	
MUCO 110	3	
Term 3		**Term 3**
MUTH 210	3	MUSC 200 (3rd time)
MUTH 230	1	A third course from (MUEN 380, 330, 383, 389) or (MUEN 399 - no more than 4 times)
MUCO 210	3	MUTH 110
MUPF 289	3	MUTH 130
Music Ensemble	1	
Quantitative Reasoning Elective	3	
MUSC 200	0	
Term 4		**Term 4**
MUTH 220	3	MUSC 200 (4th time)
MUTH 240	1	MUPF 190
MUCO 220	3	A fourth course from (MUEN 380, 330, 383, 389) or (MUEN 399 - no more than 4 times)
MUPF 290	3	ENGL 102
Music Ensemble	1	Select one from MUCO 210 or 220
Quantitative Reasoning Elective	3	
MUSC 200	0	
Electives	2	
Term 5		**Term 5**
MUTH 310	3	MUPF 289
MUPF 389	3	MUSC 200 (5th time)
Music Ensemble	1	A fifth course from (MUEN 380, 330, 383, 389) or (MUEN 399 - no more than 4 times)
MUCO 380	3	MUTH 120
MUSC 200	0	MUTH 140
Social Science Elective	3	Select remaining from MUCO 210 or 220
Communicating Orally Elective	3	
Term 6		**Term 6**
MUPF 390	3	
Music Ensemble	1	
MUSC 200	0	

MUSC 301	0	
Social Science Elective	3	
MUTH 430	3	
MUKB 410	1	
MUKB 230	1	
Electives	3	

Term 7		**Term 7**
MUPF 489	3	
Music Ensemble	1	
MUSC 200	0	
Natural Science Elective	4	
MUKB 460	3	
MUKB 410	1	
Electives	2	

Term 8		**Term 8**
MUPF 490	3	
Music Ensemble	1	
MUSC 200	0	
MUSC 401	0	
Natural Science Elective	3	
MUED 310	3	
MUKB 470	3	
MUKB 410	1	
TOTAL	**120**	

Requirements for the Bachelor of Music, Music Major – Piano Concentration

Academic Plan **Milestones**

Term 1	**Hours**	**Term 1**
ENGL 101	3	MUSC 200 (1st time)
MUTH 110	3	One course from MUEN 380, 330, 383, 389, 353, 352, 350, 370
MUTH 130	1	
MUPF 180	3	
Music Ensemble	1	
Cultures and Civilizations Elective	3	
MUSC 200	0	

Term 2		**Term 2**
ENGL 102	3	ENGL 101
MUTH 120	3	MUSC 200 (2nd time)
MUTH 140	1	MUPF 180
MUPF 181	3	Second MUEN course – one of MUEN 380, 330, 383, 389, 353, 352, 350, 370
Music Ensemble	1	MUCO 110
Cultures and Civilizations Elective	3	
MUSC 200	0	
MUCO 110	3	

Term 3		**Term 3**
MUTH 210	3	MUSC 200 (3rd time)
MUTH 230	1	MUEN 399 (first time)
MUCO 210	3	MUTH 110
MUPF 280	3	MUTH 130
MUEN 399	1	
Natural Science Elective	4	
MUSC 200	0	

Term 4		**Term 4**
MUTH 220	3	ENGL 102
MUTH 240	1	MUEN 399 (second time)
MUCO 220	3	Select one from MUCO 210 or 220
MUPF 281	3	MUPF 181
MUEN 399	1	MUSC 200 (4th time)
Natural Science Elective	3	

Communicating Orally Elective	3
MUSC 200	0

Term 5	
MUTH 310	3
MUPF 380	3
MUEN 399	1
MUCO 380	3
MUSC 200	0
Social Science Elective	3
MUKB 430	3

Term 6	
MUPF 381	3
MUEN 399	1
MUSC 200	0
MUSC 301	0
Social Science Elective	3
MUKB 420	3
MUED 310	3

Term 7	
MUKB 230	1
MUPF 480	3
MUEN 399	1
MUSC 200	0
Quantitative Reasoning Elective	3
Electives	6

Term 8	
MUKB 340	3
MUPF 481	3
MUEN 399	1
MUSC 200	0
MUSC 401	0
Quantitative Reasoning Elective	3
Electives	4
TOTAL	**120**

Term 5
MUPF 280
MUSC 200 (fifth time)
MUEN 399 (third time)
MUTH 120
MUTH 140
Remaining course MUCO 210 or 220

Term 6

Term 7

Term 8

Requirements for the Bachelor of Music, Music Major – Piano Pedagogy Concentration

Academic Plan	
Term 1	**Hours**
ENGL 101	3
MUTH 110	3
MUTH 130	1
MUPF 180	2
Music Ensemble	1
Cultures and Civilizations Elective	3
MUSC 200	0

Term 2	
ENGL 102	3
MUTH 120	3
MUTH 140	1
MUPF 181	2
Music Ensemble	1
Cultures and Civilizations Elective	3
MUSC 200	0
MUCO 110	3

Term 3	
MUTH 210	3
MUTH 230	1
MUCO 210	3

Milestones
Term 1
MUSC 200 (first time)
one of MUEN 380, 330, 383, 389, 353, 352, 350, 370

Term 2
ENGL 101
MUSC 200 (second time)
MUPF 180
a second MUEN course - one of MUEN 380, 330, 383, 389, 353, 352, 350, 370
MUCO 110

Term 3
MUSC 200 (third time)
MUEN 399 (first time)
MUTH 110

MUPF 280	2
MUEN 399	1
Natural Science Elective	4
MUSC 200	0
MUKB 340	3

MUTH 130

Term 4	
MUTH 220	3
MUTH 240	1
MUCO 220	3
MUPF 281	2
MUEN 399	1
Natural Science Elective	3
MUKB 350	3
MUSC 200	0

Term 4
MUSC 200 (fourth time)
MUPF 181
MUEN 399 (second time)
MUCO 210 or 220
ENGL 102

Term 5	
MUTH 310	3
MUPF 380	2
MUEN 399	1
MUCO 380	3
MUSC 200	0
PSYC 110	3
MUKB 360	3

Term 5
MUPF 280
MUSC 200 (fifth time)
MUEN 399 (third time)
MUTH 120
MUTH 140
Remaining course MUCO 210 or 220

Term 6	
MUPF 381	2
MUEN 399	1
MUSC 200	0
MUSC 301	0
Social Science Elective	3
MUKB 370	3
MUED 310	3
MUKB 480	3

Term 6

Term 7	
MUKB 420	3
MUPF 480	2
MUEN 399	1
MUSC 200	0
Quantitative Reasoning Elective	3
MUKB 491	2
MUKB 230	1
Electives	2

Term 7

Term 8	
MUKB 430	3
MUPF 481	2
MUEN 399	1
MUSC 200	0
MUSC 401	0
Quantitative Reasoning Elective	3
Communicating Orally Elective	3
MUKB 490	2
TOTAL	**120**

Term 8

Requirements for the Bachelor of Music, Music Major – Sacred Music Concentration – Organ Track

Academic Plan	
Term 1	**Hours**
ENGL 101	3
MUTH 110	3
MUTH 130	1
MUPF 189	2
Music Ensemble	1
Foreign Language (200-level sequence)	3

Milestones
Term 1
MUSC 200 (first time)
One course from MUEN 380, 330, 383, 389

MUSC 200	0
MUVC 110 or MUPF 155	1

Term 2	
ENGL 102	3
MUTH 120	3
MUTH 140	1
MUPF 190	2
Music Ensemble	1
Foreign Language (200-level sequence)	3
MUSC 200	0
MUVC 110 or MUPF 155	1
MUCO 110	3

Term 2
MUPF 189
MUSC 200 (second time)
Second MUEN course –one of MUEN 380, 330, 383, 389
MUCO 110
ENGL 101

Term 3	
MUTH 210	3
MUTH 230	1
MUCO 210	3
MUPF 289	2
Music Ensemble	1
Quantitative Reasoning Elective	3
MUPF 155, MUPF 156, MUPF 255, or MUPF 256	1
MUSC 200	0

Term 3
MUSC 200 (third time)
Third MUEN course – one of MUEN 380, 330, 383, 389, 399

Term 4	
MUTH 220	3
MUTH 240	1
MUCO 220	3
MUPF 290	2
Music Ensemble	1
Quantitative Reasoning Elective	3
MUPF 155, MUPF 156, MUPF 255, or MUPF 256	1
MUED 200	1
MUSC 200	0

Term 4
MUSC 200 (fourth time)
Fourth MUEN course – one of MUEN 380, 330, 383, 389, 399
MUPF 190
one course from MUCO 210 or MUCO 220
ENGL 102

Term 5	
MUTH 310	3
MUPF 389	2
Music Ensemble	1
MUCO 380	3
MUSC 200	0
Social Science Elective	3
MUKB 230	1
MUED 310	3

Term 5
MUPF 289
MUSC 200 (fifth time)
Fifth MUEN course – one of MUEN 380, 330, 383, 389, 399
MUTH 120
MUTH 140
one course from remaining MUCO 210 or MUCO 220

Term 6	
MUPF 390	2
Music Ensemble	1
MUCO 480	3
MUSC 200	0
MUSC 301	0
Communicating Orally Elective	3
MUKB 410	1
MUED 320	2
Religious Studies	3

Term 6

Term 7	
MUKB 410	1
MUPF 489	2
Music Ensemble	1
MUSC 200	0
MUSC 495	3
Natural Science Elective	4
MUKB 460	3

Term 7

Term 8	
MUKB 410	1
MUPF 490	2
Music Ensemble	1
MUSC 200	0
MUSC 401	0
Natural Science Elective	3
Social Science Elective	3
MUKB 470	3
Electives	2
TOTAL	**120**

Term 8

Requirements for the Bachelor of Music, Music Major – Sacred Music Concentration – Piano Track

Academic Plan **Milestones**

Term 1	Hours
ENGL 101	3
MUTH 110	3
MUTH 130	1
MUPF 189	1
Music Ensemble	1
Foreign Language (200-level sequence)	3
MUSC 200	0
MUPF 180	2

Term 1
MUSC 200 (first time)
One course from MUEN 380, 330, 383, 389

Term 2	
ENGL 102	3
MUTH 120	3
MUTH 140	1
MUPF 190	1
Music Ensemble	1
Foreign Language (200-level sequence)	3
MUSC 200	0
MUPF 181	2
MUCO 110	3

Term 2
MUSC 200 (second time)
MUCO 110
MUPF 180
Second MUEN course from course – one of MUEN 380, 330, 383, 389
ENGL 101

Term 3	
MUTH 210	3
MUTH 230	1
MUCO 210	3
MUPF 289	1
Music Ensemble	1
Quantitative Reasoning Elective	3
MUPF 280	2
MUSC 200	0
MUKB 230	1

Term 3
MUSC 200 (third time)
Third MUEN course – one of MUEN 380, 330, 383, 389, 399
MUTH 110
MUTH 130

Term 4	
MUTH 220	3
MUTH 240	1
MUCO 220	3
MUPF 290	1
Music Ensemble	1
Quantitative Reasoning Elective	3
MUPF 281	2
MUED 200	1
MUSC 200	0
MUKB 410	1

Term 4
Fourth MUEN course – one of MUEN 380, 330, 383, 389, 399
one course from MUCO 210 or MUCO 220
MUPF 181
MUSC 200 (fourth time)
ENGL 102

Term 5	
MUTH 310	3
MUPF 380	2
Music Ensemble	1
MUCO 380	3

Term 5
MUPF 280
MUSC 200 (fifth time)
Fifth MUEN course – one of MUEN 380, 330, 383, 389, 399
MUTH 120

MUSC 200	0	MUTH 140
Social Science Elective	3	one course from remaining MUCO 210 or MUCO 220
MUPF 155	1	
MUED 310	3	

Term 6		**Term 6**
MUPF 381	2	
Music Ensemble	1	
MUCO 480	3	
MUSC 200	0	
MUSC 301	0	
Social Science Elective	3	
MUPF 156	1	
MUED 320	2	
Religious Studies	3	

Term 7		**Term 7**
MUKB 410	1	
MUPF 480	2	
Music Ensemble	1	
MUSC 200	0	
MUSC 495	3	
Natural Science Elective	4	
MUPF 155 or MUPF 255	1	
MUKB 420 or MUKB 430	3	

Term 8		**Term 8**
MUKB 410	1	
MUPF 481	2	
Music Ensemble	1	
MUSC 200	0	
MUSC 401	0	
Natural Science Elective	3	
Communicating Orally Elective	3	
MUPF 156 or MUPF 256	1	
Elective	1	
TOTAL	**120**	

Requirements for the Bachelor of Music, Music Major – Sacred Music Concentration – Voice Track

Academic Plan		**Milestones**
Term 1	**Hours**	**Term 1**
ENGL 101	3	MUSC 200 (first time)
MUTH 110	3	One course from MUEN 380, 330, 383, 389
MUTH 130	1	
MUPF 155	2	
Music Ensemble	1	
Foreign Language (200-level sequence)	3	
MUSC 200	0	
Music Performance	1	

Term 2		**Term 2**
ENGL 102	3	MUSC 200 (second time)
MUTH 120	3	MUCO 110
MUTH 140	1	MUPF 155
MUPF 156	2	Second MUEN course – one of MUEN 380, 330, 383, 389
Music Ensemble	1	ENGL 101
Foreign Language (200-level sequence)	3	
MUSC 200	0	
Music Performance	1	
MUCO 110	3	

Term 3		**Term 3**
MUTH 210	3	MUSC 200 (third time)
MUTH 230	1	Third MUEN course – one of MUEN 380, 330, 383, 389

MUCO 210	3	MUTH 110
MUPF 255	2	MUTH 130
Music Ensemble	1	
Natural Science Elective	3	
Music Performance	1	
MUSC 200	0	

Term 4		**Term 4**
MUTH 220	3	MUSC 200 (fourth time)
MUTH 240	1	MUPF 156
MUCO 220	3	Fourth MUEN course – one of MUEN 380, 330, 383, 389, 340
MUPF 256	2	one course from MUCO 210 or MUCO 220
Music Ensemble	1	ENGL 102
Natural Science Elective	4	
Music Performance	1	
MUED 200	1	
MUSC 200	0	

Term 5		**Term 5**
MUTH 310	3	MUPF 255
MUPF 355	2	MUSC 200 (fifth time)
Music Ensemble	1	Fifth MUEN course – one of MUEN 380, 330, 383, 389, 340
MUCO 380	3	MUTH 120
MUSC 200	0	MUTH 140
Social Science Elective	3	one from remaining MUCO 210 or MUCO 220
MUED 310	3	

Term 6		**Term 6**
MUPF 356	2	
Music Ensemble	1	
MUCO 480	3	
MUSC 200	0	
MUSC 301	0	
Social Science Elective	3	
Communicating Orally Elective	3	
MUED 320	2	

Term 7		**Term 7**
Religious Studies	3	
MUPF 455	2	
Music Ensemble	1	
MUSC 200	0	
MUSC 495	3	
Quantitative Reasoning Elective	3	
MUVC 450	2	
MUVC 580	2	

Term 8		**Term 8**
MUPF 456	2	
Music Ensemble	1	
MUSC 200	0	
MUSC 401	0	
Quantitative Reasoning Elective	3	
MUVC 460	1	
MUVC 585	2	
Electives	5	
TOTAL	**120**	

Requirements for the Bachelor of Music, Music Major – Strings Concentration

Academic Plan		**Milestones**
Term 1	**Hours**	**Term 1**
ENGL 101	3	MUSC 200 (first time)
MUTH 110	3	MUEN 370 (first time)
MUTH 130	1	

Music Performance (100 level)	3	
MUEN 370	1	
MUKB 110	1	
Natural Science Elective	4	
MUSC 200	0	

Term 2		**Term 2**
ENGL 102	3	MUSC 200 (second time)
MUTH 120	3	MUEN 370 (second time)
MUTH 140	1	One MUPF course
Music Performance (100 level)	3	MUCO 110
MUEN 370	1	ENGL 101
MUKB 120	1	
MUSC 200	0	
MUCO 110	3	

Term 3		**Term 3**
MUTH 210	3	MUSC 200 (third time)
MUTH 230	1	MUEN 370 (3rd time)
MUCO 210	3	MUTH 110
Music Performance (200 level)	3	MUTH 130
MUEN 370	1	
MUKB 210	1	
Cultures and Civilizations Elective	3	
MUSC 200	0	

Term 4		**Term 4**
MUTH 220	3	MUSC 200 (fourth time)
MUTH 240	1	ENGL 102
MUCO 220	3	MUEN 370 (fourth time)
Music Performance (200 level)	3	Select one from MUCO 210 or 220
MUEN 370	1	second MUPF course
MUKB 220	1	
Cultures and Civilizations Elective	3	
MUSC 200	0	

Term 5		**Term 5**
MUTH 310	3	Third MUPF course
Music Performance (300 level)	3	MUSC 200 (fifth time)
MUEN 370	1	MUEN 370 (fifth time)
MUCO 380	3	MUTH 120
MUSC 200	0	MUTH 140
Social Science Elective	3	Select one remaining from MUCO 210 or 220

Term 6		**Term 6**
MUTH 320	2	
Music Performance (300 level)	3	
MUEN 370	1	
MUED 310	3	
MUSC 200	0	
MUSC 301	0	
Social Science Elective	3	
Communicating Orally Elective	3	

Term 7		**Term 7**
MUIN 340	3	
Electives	3	
Music Performance (400 level)	3	
MUEN 370	1	
MUSC 200	0	
Quantitative Reasoning Elective	3	
Natural Science Elective	3	

Term 8		**Term 8**
MUIN 350	3	

Music Performance (400 level)	3
MUEN 370	1
MUSC 200	0
MUSC 401	0
Quantitative Reasoning Elective	3
Electives	5
TOTAL	**120**

Requirements for the Bachelor of Music, Music Major – Studio Music and Jazz Concentration

Academic Plan **Milestones**

Term 1	**Hours**	**Term 1**
ENGL 101	3	MUSC 200 (first time)
MUTH 110	3	One course from MUEN 303, 305, 304, 306
MUTH 130	1	
Music Performance (100 level)	2	
Music Ensemble	1	
MUJZ 130	1	
MUCO 110	3	
MUSC 200	0	

Term 2		**Term 2**
ENGL 102	3	MUSC 200 (second time)
MUTH 120	3	one MUPF course
MUTH 140	1	Second MUEN course –one of MUEN 303, 305, 304, 306
Music Performance (100 level)	2	MUCO 110
Music Ensemble	1	ENGL 101
MUJZ 140	1	
MUSC 200	0	
MUCO 350	3	
MUJZ 110	2	

Term 3		**Term 3**
MUTH 210	3	MUSC 200 (third time)
MUTH 230	1	Third MUEN course – one of MUEN 303, 305, 304, 306
MUCO 210	3	MUCO 350
Music Performance (200 level)	2	MUTH 110
Music Ensemble	1	MUTH 130
MUJZ 210	2	
Social Science Elective	3	
MUSC 200	0	

Term 4		**Term 4**
MUTH 220	3	MUSC 200 (fourth time)
MUTH 240	1	Second MUPF course
MUCO 220	3	Select one from MUCO 210 or 220
Music Performance (200 level)	2	Fourth MUEN course – one of MUEN 303, 305, 304, 306
Music Ensemble	1	MUJZ 110
MUTC 340	3	ENGL 102
MUJZ 120	2	
MUJZ 220	2	
MUSC 200	0	

Term 5		**Term 5**
MUTH 310	3	Third MUPF course
Music Performance (300 level)	2	MUSC 200 (fifth time)
Music Ensemble	1	Fifth MUEN course – one of MUEN 303, 305, 304, 306
MUJZ 310	2	MUTH 120
MUSC 200	0	MUTH 140
Natural Science Elective	3	Select one remaining from MUCO 210 or 220
Cultures and Civilizations Elective	3	

Term 6		**Term 6**
Music Performance (300 level)	2	
Music Ensemble	1	
MUJZ 320	2	

MUSC 200	0
MUSC 301	0
MUCO 380	3
Natural Science Elective	4
Cultures and Civilizations Elective	3

Term 7	
MUJZ 410	3
Music Performance (400 level)	2
Music Ensemble	1
MUSC 200	0
Social Science Elective	3
MUTC 290 (QR)	3
Electives	3

Term 8	
Music Performance (400 level)	2
Music Ensemble	1
MUSC 200	0
MUSC 401	0
MUJZ 420	1
Quantitative Reasoning Elective	3
Communicating Orally Elective	3
Electives	4
TOTAL	**120**

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

Academic Plan		**Milestones**
Term 1	**Hours**	**Term 1**
ENGL 101* or ENGL 118*	3	MUSC 200 (first time)
MUKB 110	1	One course from MUEN 353, 350, 352, 370, 383, 389, 380, 330, 303, 305, 304, or 306
MUSC 200	0	
MUTC 340	3	
MUTH 110, MUTH 130	4	
[1]Music Ensemble	1	
[2]Quantitative Reasoning Elective*	3	

Term 2		**Term 2**
ENGL 102*	3	ENGL 101*
MUCO 110*	3	MUCO 110*
MUKB 120	1	MUSC 200 (second time)
MUSC 200	0	Second MUEN course – one from MUEN 353, 350, 352, 370, 383, 389, 380, 330, 303, 305, 304, or 306
MUTC 290*	3	
MUTH 120, MUTH 140	4	
[1]Music Ensemble	1	

Term 3		**Term 3**
[3]Cultures and Civilizations Elective*	3	MUSC 200 (third time)
MUCO 210*	3	MUTH 110, MUTH 130
MUKB 210	1	Third MUEN course – one from MUEN 353, 350, 352, 370, 383, 389, 380, 330, 303, 305, 304, or 306
MUPF 294	2	
MUSC 200	0	
MUTH 210, MUTH 230	4	
[1]Music Ensemble	1	

Term 4		**Term 4**
[3]Cultures and Civilizations Elective*	3	ENGL 102*
MUCO 220*	3	MUCO 210* or MUCO 220*
MUKB 220	1	MUPF 294
MUPF 295	2	MUSC 200 (fourth time)
MUSC 200	0	MUTH 120, MUTH 140
MUTC 390	3	Fourth MUEN course – one from MUEN 353, 350, 352, 370,

MUTH 220, MUTH 240	4
[1]Music Ensemble	1

383, 389, 380, 330, 303, 305, 304, or 306

Term 5	
CMST 210* or CMST 217*	3
MUCO 380*	3
MUPF 394, MUPF 395, or MUPF 396	2
MUSC 200	0
MUTH 310	3
[1]Music Ensemble	1
Music Performance	1
[4]Natural Sciences Elective*	4

Term 5
MUSC 200 (fifth time)
MUTH 120, MUTH 140
One course from remaining MUCO 210* or MUCO 220*
Fifth MUEN course – one from MUEN 353, 350, 352, 370, 383, 389, 380, 330, 303, 305, 304, or 306

Term 6	
MUPF 394, MUPF 395, or MUPF 396	2
MUSC 200	0
MUTH 420	3
[1]Music Ensemble	1
Music Performance	1
[4]Natural Sciences Elective*	3
Unrestricted Electives	5

Term 6

Term 7	
MUED 310	3
MUPF 494, MUPF 495, or MUPF 496	2
MUSC 200	0
MUTH 430, MUTH 490	4
[1]Music Ensemble	1
Music Performance	1
[5]Social Sciences Elective*	3

Term 7

Term 8	
MUPF 494, MUPF 495, or MUPF 496	2
MUSC 200, MUSC 411	0
MUTH 490	1
[1]Music Ensemble	1
Music Performance	1
[5]Social Sciences Elective*	3
Unrestricted Electives	5
TOTAL	**120**

Term 8

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

Academic Plan

Term 1	**Hours**
ENGL 101* or ENGL 118*	3
MUKB 110	1
MUSC 200	0
MUTC 340	3
MUTH 110, MUTH 130	4
[1]Music Ensemble	1
[2]Quantitative Reasoning Elective*	3

Milestones

Term 1
MUSC 200 (first time)
One course from MUEN 353, 350, 352, 370, 383, 389, 380, 330, 303, 305, 304, or 306

Term 2	
ENGL 102*	3
MUCO 110*	3
MUKB 120	1
MUSC 200	0
MUTC 290*	3
MUTH 120, MUTH 140	4
[1]Music Ensemble	1

Term 2
ENGL 101*
MUCO 110*
MUSC 200 (second time)
Second MUEN course – one from MUEN 353, 350, 352, 370, 383, 389, 380, 330, 303, 305, 304, or 306

Term 3	

Term 3

[3]Cultures and Civilizations Elective*	3	MUSC 200 (third time)
MUCO 210*	3	MUTH 110, MUTH 130
MUKB 210	1	Third MUEN course – one from MUEN 353, 350, 352, 370, 383, 389, 380, 330, 303, 305, 304, or 306
MUPF 294	1	
MUSC 200	0	
MUTH 210, MUTH 230	4	
[1]Music Ensemble	1	

Term 4		**Term 4**
[3]Cultures and Civilizations Elective*	3	ENGL 102*
MUCO 220*	3	MUCO 210* or MUCO 220*
MUKB 220	1	MUPF 294
MUPF 295	1	MUSC 200 (fourth time)
MUSC 200	0	MUTH 120, MUTH 140
MUTC 390	3	Fourth MUEN course – one from MUEN 353, 350, 352, 370, 383, 389, 380, 330, 303, 305, 304, or 306
MUTH 220, MUTH 240	4	
[1]Music Ensemble	1	

Term 5		**Term 5**
CMST 210* or CMST 217*	3	MUSC 200 (fifth time)
MUCO 380*	3	MUTH 120, MUTH 140
MUSC 200	0	One course from remaining MUCO 210* or MUCO 220*
MUTH 310, MUTH 450	5	Fifth MUEN course – one from MUEN 353, 350, 352, 370, 383, 389, 380, 330, 303, 305, 304, or 306
[1]Music Ensemble	1	
Music Performance	1	
[4]Natural Sciences Elective*	4	
Term 6		**Term 6**
MUSC 200	0	
MUTH 420	3	
MUTH 451 (Arranging)	3	
[1]Music Ensemble	1	
Music Performance	1	
[4]Natural Sciences Elective*	3	
Unrestricted Electives	4	
Term 7		**Term 7**
MUED 310	3	
MUSC 200	0	
MUTH 430, MUTH 490	4	
MUTH 451 (Pedagogy)	3	
[1]Music Ensemble	1	
Music Performance	1	
[5]Social Sciences Elective*	3	
Term 8		**Term 8**
MUSC 200	0	
MUTH 490	1	
MUTH 493 (Thesis)	4	
[1]Music Ensemble	1	
Music Performance	1	
[5]Social Sciences Elective*	3	
Unrestricted Electives	4	
TOTAL	**120**	

Requirements for the Bachelor of Music, Music Major – Voice Concentration

Academic Plan		**Milestones**
Term 1	**Hours**	**Term 1**
ENGL 101	3	MUSC 200 (first time)
MUTH 110	3	One course from MUEN 380, 330, 383, 389
MUTH 130	1	
MUPF 155	3	
Music Ensemble	1	

Foreign Language	3	
MUSC 200	0	
MUKB 110	1	

Term 2		**Term 2**
ENGL 102	3	MUSC 200 (second time)
MUTH 120	3	MUCO 110
MUTH 140	1	MUPF 155
MUPF 156	3	Second MUEN course –one of MUEN 380, 330, 383, 389
Music Ensemble	1	ENGL 101
Foreign Language	3	
MUSC 200	0	
MUCO 110	3	
MUKB 120	1	

Term 3		**Term 3**
MUTH 210	3	MUSC 200 (third time)
MUTH 230	1	Third MUEN course –one of MUEN 380, 330, 383, 389
MUCO 210	3	MUTH 110
MUPF 255	3	MUTH 130
Music Ensemble	1	
MUKB 210	1	
MUVC 240	2	
MUSC 200	0	

Term 4		**Term 4**
MUTH 220	3	MUSC 200 (fourth time)
MUTH 240	1	ENGL 102
MUCO 220	3	MUCO 210 or 220
MUPF 256	3	MUPF 156
Music Ensemble	1	Fourth MUEN course –one of MUEN 380, 330, 383, 389, 340
MUKB 220	1	
MUVC 250	2	
MUSC 200	0	

Term 5		**Term 5**
MUTH 310	3	MUPF 255
MUPF 355	3	MUSC 200 (fifth time)
Music Ensemble	1	Fifth MUEN course –one of MUEN 380, 330, 383, 389, 340
MUEN 340	1	MUTH 120
MUSC 200	0	MUTH 140
Natural Science Elective	3	one course from the remaining MUCO 210 or MUCO 220
Foreign Language	3	
MUED 310	3	

Term 6		**Term 6**
MUCO 380	3	
MUPF 356	3	
Music Ensemble	1	
MUEN 340	1	
MUSC 200	0	
MUSC 301	0	
Natural Science Elective	4	
Foreign Language	3	
Social Science Elective	3	

Term 7		**Term 7**
Communicating Orally Elective	3	
MUPF 455	3	
MUVC 410	2	
MUSC 200	0	
MUVC 450	2	
Quantitative Reasoning Elective	3	
MUEN 340	1	

Term 8	
MUPF 456	3
MUVC 420	2
MUSC 200	0
MUSC 401	0
Quantitative Reasoning Elective	3
MUEN 340	1
MUVC 460	1
Social Science Elective	3
TOTAL	**123**

Term 8

Requirements for the Bachelor of Music, Music Major – Woodwind and Percussion Instruments Concentration

Academic Plan **Milestones**

Term 1	Hours
ENGL 101	3
MUTH 110	3
MUTH 130	1
Music Performance (100 level)	3
Music Ensemble	1
MUKB 110	1
Cultures and Civilizations Elective	3
MUSC 200	0

Term 1
MUSC 200 (first time)
One course from MUEN 353, 350, 352, 370, 304, 305

Term 2	
ENGL 102	3
MUTH 120	3
MUTH 140	1
Music Performance (100 level)	3
Music Ensemble	1
MUKB 120	1
Cultures and Civilizations Elective	3
MUSC 200	0
MUCO 110	3

Term 2
MUSC 200 (second time)
MUCO 110
One MUPF course
Second MUEN course – one of MUEN 353, 350, 352, 370, 304, 305
ENGL 101

Term 3	
MUTH 210	3
MUTH 230	1
MUCO 210	3
Music Performance (200 level)	3
Music Ensemble	1
MUKB 210	1
Social Science Elective	3
MUSC 200	0

Term 3
MUSC 200 (third time)
Third MUEN course – one of MUEN 353, 350, 352, 370, 304, 305
MUTH 110
MUTH 130

Term 4	
MUTH 220	3
MUTH 240	1
MUCO 220	3
Music Performance (200 level)	3
Music Ensemble	1
MUKB 220	1
Social Science Elective	3
MUSC 200	0

Term 4
MUSC 200 (fourth time)
second MUPF course
Fourth MUEN course – one of MUEN 353, 350, 352, 370, 304, 305
Select one from MUCO 210 or MUCO 220
ENGL 102

Term 5	
MUTH 310	3
Music Performance (300 level)	3
Music Ensemble	1
MUCO 380	3
MUSC 200	0
Natural Science Elective	4

Term 5
Third MUPF course
MUSC 200 (fifth time)
Fifth MUEN course – one of MUEN 353, 350, 352, 370, 304, 305
MUTH 120
MUTH 140
one from remaining MUCO 210 or MUCO220

Term 6	
MUTH 320	2
Music Performance (300 level)	3
Music Ensemble	1
MUIN 310, MUIN 320, or MUIN 330	3
MUSC 200	0
MUSC 301	0
Natural Science Elective	3
Electives	3

Term 6

Term 7	
MUED 310	3
Music Electives	4
Music Performance (400 level)	3
Music Ensemble	1
MUSC 200	0
Quantitative Reasoning Elective	3

Term 7

Term 8	
Music Performance (400 level)	3
Music Ensemble	1
MUSC 200	0
MUSC 401	0
Quantitative Reasoning Elective	3
Communicating Orally Elective	3
Electives	4
TOTAL	**120**

Term 8

Requirements for the Bachelor of Arts, Philosophy Major – General Concentration

Academic Plan		Milestones
Term 1	**Hours**	**Term 1**
ENGL 101 (or equivalent)*	3	Complete at least 12 hours by the end of the term
Foreign Language (intermediate level)*	3	
Natural Science Lab*	4	
Quantitative Reasoning Elective*	3-4	
Unrestricted Electives	0-1	

Term 2	
ENGL 102 (or equivalent)*	3
Foreign Language (intermediate level)*	3
Natural Science Lab (continuation of sequence)*	4
PHIL 235	3
Quantitative Reasoning Elective*	3-4

Term 2
ENGL 101

Term 3	
Arts and Humanities (List A)*	3
Communicating Orally Elective*	3
Non-U.S. History*	3
Social Sciences (List A)*	3
Unrestricted Electives	3

Term 3
Complete at least 36 hours by the end of the term

Term 4	
Arts and Humanities (List B)*	3
Natural Science	3
Non-U.S. History (continuation of sequence)*	3
Social Sciences (List A)*	3
Unrestricted Electives	3

Term 4
ENGL 102

Term 5	
Arts and Humanities (List A, B, or C)	3
Communicating through Writing Elective*	3
Philosophy (major)	3

Term 5
One 200-level or higher Philosophy course with a grade of C or better

Social Sciences (List A or B)	3
Unrestricted Electives	3

Term 6	
Philosophy (major)	9
Social Sciences (List A or B)	3
Upper-Level Distribution (U.S. Studies)	3
Term 7	
Philosophy (major)	6
Unrestricted Electives (300- or 400-level)	6
Upper-Level Distribution (Foreign Studies)	3

Term 8	
Philosophy (major)	9
Unrestricted Electives (300- or 400-level)	6
TOTAL (minimum)	**120**

Requirements for the Bachelor of Arts, Philosophy Major – Legal and Political Philosophy Concentration

Academic Plan		**Milestones**
Term 1	**Hours**	**Term 1**
ENGL 101 (or equivalent)*	3	Complete at least 12 hours by the end of the term
Foreign Language (intermediate level)*	3	
Natural Science Lab*	4	
Quantitative Reasoning Elective*	3-4	
Unrestricted Electives	0-1	
Term 2		**Term 2**
ENGL 102 (or equivalent)*	3	ENGL 101
Foreign Language (intermediate level)*	3	
Natural Science Lab (continuation of sequence)*	4	
PHIL 235	3	
Quantitative Reasoning Elective*	3-4	
Term 3		**Term 3**
Arts and Humanities (List A)*	3	Complete at least 36 hours by the end of the term
Communicating Orally Elective*	3	
Non-U.S. History*	3	
Social Sciences (List A)*	3	
Unrestricted Electives	3	
Term 4		**Term 4**
Arts and Humanities (List B)*	3	ENGL 102
Natural Science	3	
Non-U.S. History (continuation of sequence)*	3	
Social Sciences (List A)*	3	
Unrestricted Electives	3	
Term 5		**Term 5**
Arts and Humanities (List A, B, or C)	3	One 200-level or higher Philosophy course with a grade of C or better
PHIL 391*	3	
Social Sciences (List A or B)	3	
Unrestricted Electives	6	
Term 6		**Term 6**
PHIL 392	3	
Philosophy (major)	6	
Social Sciences (List A or B)	3	
Upper-Level Distribution (U.S. Studies)	3	
Term 7		**Term 7**
Philosophy (major)	6	
Unrestricted Electives (300- or 400-level)	6	
Upper-Level Distribution (Foreign Studies)	3	

Term 8	
Philosophy (major)	9
Unrestricted Electives (300- or 400-level)	6
TOTAL (minimum)	**120**

Term 8

Requirements for the Bachelor of Arts, Philosophy Major – Philosophy of Science and Medicine Concentration

Academic Plan		**Milestones**
Term 1	**Hours**	**Term 1**
ENGL 101 (or equivalent)*	3	Complete at least 12 hours by the end of the term
Foreign Language (intermediate level)*	3	
Natural Science Lab*	4	
Quantitative Reasoning Elective*	3-4	
Unrestricted Electives	0-1	
Term 2		**Term 2**
ENGL 102 (or equivalent)*	3	ENGL 101
Foreign Language (intermediate level)*	3	
Natural Science Lab (continuation of sequence)*	4	
PHIL 235	3	
Quantitative Reasoning Elective*	3-4	
Term 3		**Term 3**
Arts and Humanities (List A)*	3	Complete at least 36 hours by the end of the term
Communicating Orally Elective*	3	
Non-U.S. History*	3	
Social Sciences (List A)*	3	
Unrestricted Electives	3	
Term 4		**Term 4**
Arts and Humanities (List B)*	3	ENGL 102
Natural Science	3	
Non-U.S. History (continuation of sequence)*	3	
Social Sciences (List A)*	3	
Unrestricted Electives	3	
Term 5		**Term 5**
Arts and Humanities (List A, B, or C)	3	One 200-level or higher Philosophy course with a grade of C or better
PHIL 345*	3	
Social Sciences (List A or B)	3	
Unrestricted Electives	6	
Term 6		**Term 6**
PHIL 360	3	
Philosophy (major)	6	
Social Sciences (List A or B)	3	
Upper-Level Distribution (U.S. Studies)	3	
Term 7		**Term 7**
Philosophy (major)	6	
Unrestricted Electives (300- or 400-level)	6	
Upper-Level Distribution (Foreign Studies)	3	
Term 8		**Term 8**
Philosophy (major)	9	
Unrestricted Electives (300- or 400-level)	6	
TOTAL (minimum)	**120**	

Requirements for the Bachelor of Science, Physics Major – Academic Concentration

Academic Plan		**Milestones**
Term 1	**Hours**	**Term 1**
ENGL 101 (or equivalent)*	3	MATH 119 or MATH ACT 25
MATH 141* or MATH 147*	4	
PHYS 135* or PHYS 137*	4-5	

Social Science (List A)*	3	
General Elective	1	

Term 2		**Term 2**
ENGL 102 (or equivalent)*	3	ENGL 101
MATH 142* or MATH 148*	4	MATH 130 or MATH ACT 28
PHYS 136* or PHYS 138*	4-5	
COSC 102*	4	
General Elective	0-1	

Term 3		**Term 3**
PHYS 250	4	MATH 141
Social Science (List A)*	3	PHYS 135
Foreign Language (intermediate level)*	3	
MATH 231	3	
Non-U.S. History	3	

Term 4		**Term 4**
PHYS 321	3	ENGL 102
PHYS 421	4	MATH 142
Foreign Language (intermediate level)*	3	PHYS 136
MATH 241	4	COSC 102
Non-U.S. History (continuation of sequence)	3	

Term 5		**Term 5**
PHYS 311	3	MATH 231
MATH 435	3	MATH 241
PHYS 361	3	PHYS 250
Arts and Humanities (List A or B)	3	
Communicating Orally Elective*	3	

Term 6		**Term 6**
PHYS 461	3	
PHYS 312	3	
Arts and Humanities (List A, B, or C)	3	
Upper Level Distribution (U.S. Studies)	3	
General Elective	3	

Term 7		**Term 7**
PHYS 411	3	
PHYS 431	3	
Upper Level Distribution (Foreign Studies)	3	
Communicating through Writing Elective*	3	
Physics (major)	3	

Term 8		**Term 8**
PHYS 432	3	
PHYS 412	3	
Elective (300-400 level)	3	
General Elective	3-6	
TOTAL (minimum)	**120**	

Requirements for the Bachelor of Science, Physics Major – Applied Concentration

Academic Plan		**Milestones**
Term 1	**Hours**	**Term 1**
ENGL 101 (or equivalent)*	3	MATH 119 or MATH ACT 25
MATH 141* or MATH 147*	4	
PHYS 135* or PHYS 137*	4-5	
Social Science (List A)*	3	
General Elective	1	

Term 2		**Term 2**
ENGL 102 (or equivalent)*	3	ENGL 101
MATH 142* or MATH 148*	4	MATH 130 or MATH ACT 28
PHYS 136* or PHYS 138*	4-5	

COSC 102*	4
General Elective	0-1

Term 3	
PHYS 250	4
Social Science (List A)*	3
Foreign Language (intermediate level)*	3
MATH 231	3
Non U.S. History	3

Term 3
MATH 141
PHYS 135

Term 4	
PHYS 321	3
PHYS 421	4
Foreign Language (intermediate level)*	3
MATH 241	4
Non-U.S. History (continuation of sequence)	3

Term 4
ENGL 102
MATH 142
PHYS 136
COSC 102

Term 5	
PHYS 311	3
MATH 435	3
PHYS 361	3
Arts and Humanities (List A or B)	3
Communicating Orally Elective*	3

Term 5
MATH 231
MATH 241
PHYS 250

Term 6	
PHYS 461	3
PHYS 401	3
Social Science (List A)* (duplicate?)	3
Upper Level Distribution (U.S. Studies)	3
Arts and Humanities (List A, B, or C)	3

Term 6

Term 7	
PHYS 411	3
PHYS 453	3
PHYS 431	3
Upper Level Distribution (Foreign Studies)	3
General Elective	3

Term 7

Term 8	
PHYS 454	3
Elective (300-400 level)	3
Physics (major)	3
Communicating through Writing Elective*	3
General Elective	3-6
TOTAL (minimum)	**120**

Term 8

Requirements for the Bachelor of Science, Physics Major – Astronomy Concentration

Academic Plan **Milestones**

Term 1	**Hours**
ENGL 101 (or equivalent)*	3
MATH 141* or MATH 147*	4
PHYS 135* or PHYS 137*	4-5
Social Science (List A)*	3

Term 1
MATH 119 or MATH ACT 25

Term 2	
ENGL 102 (or equivalent)*	3
MATH 142* or MATH 148*	4
PHYS 136* or PHYS 138*	4-5
COSC 102*	4

Term 2
ENGL 101
MATH 130 or MATH ACT 28

Term 3	
PHYS 250	4
ASTR 217*	4
Foreign Language (intermediate level)*	3
MATH 231	3

Term 3
MATH 141
PHYS 135

Non U.S. History	3	

Term 4		**Term 4**
PHYS 321	3	ENGL 102
ASTR 218*	4	MATH 142
Foreign Language (intermediate level)*	3	PHYS 136
MATH 241	4	COSC 102

Term 5		**Term 5**
PHYS 311	3	MATH 231
MATH 435	3	MATH 241
PHYS 361	3	PHYS 250
Arts and Humanities (List A or B)	3	
Non-U.S. History (continuation of sequence)	3	

Term 6		**Term 6**
Elective (300-400 level)	2	
PHYS 421	4	
Social Science (List A)*	3	
Upper Level Distribution (U.S. Studies)	3	
Arts and Humanities (List A, B, or C)	3	

Term 7		**Term 7**
PHYS 411	3	
Upper Level Distribution (Foreign Studies)	3	
PHYS 431	3	
ASTR 490	3	
Communicating Through Writing Elective*	3	

Term 8		**Term 8**
PHYS 461	3	
Elective (300-400 level)	6	
ASTR 411	3	
Communicating Orally Elective*	3	
TOTAL (minimum)	**120**	

Requirements for the Bachelor of Science, Physics Major – General Concentration

Academic Plan		**Milestones**
Term 1	**Hours**	**Term 1**
ENGL 101 (or equivalent)*	3	MATH 119 or MATH ACT 25
MATH 141* or MATH 147*	4	
PHYS 135* or PHYS 137*	4-5	
Social Science (List A)*	3	
General Elective	1	

Term 2		**Term 2**
ENGL 102 (or equivalent)*	3	ENGL 101
MATH 142* or MATH 148*	4	MATH 130 or MATH ACT 28
PHYS 136* or PHYS 138*	4-5	
COSC 102*	4	
General Elective	0-1	

Term 3		**Term 3**
PHYS 250	4	MATH 141
PHYS 311	3	PHYS 135
Foreign Language (intermediate level)*	3	
MATH 231	3	
Non-U.S. History	3	

Term 4		**Term 4**
PHYS 321	3	ENGL 102
PHYS 421	4	MATH 142
Foreign Language (intermediate level)*	3	PHYS 136

MATH 241	4	COSC 102
Non-U.S. History (continuation of sequence)	3	

Term 5		**Term 5**
PHYS 361	3	MATH 231
MATH 435	3	MATH 241
Communicating Through Writing Elective*	3	PHYS 250
Arts & Humanities (List A or B)	3	
Communicating Orally Elective*	3	

Term 6		**Term 6**
Physics (major)	3	
Arts & Humanities (List A, B, or C)	3	
Social Science (List A)*	3	
Upper Level Distribution (U.S. Studies)	3	
General Elective	3	

Term 7		**Term 7**
PHYS 411	3	
Upper Level Distribution (Foreign Studies)	3	
PHYS 431	3	
Physics (major)	6	

Term 8		**Term 8**
PHYS 461	3	
Elective (300-400 level)	3	
Physics (major)	3	
General Electives	3-6	
TOTAL (minimum)	**120**	

Requirements for the Bachelor of Arts, Political Science Major – General Concentration

Academic Plan		**Milestones**
Term 1	**Hours**	**Term 1**
ENGL 101 (or equivalent)*	3	Complete at least 12 hours by the end of the term
Foreign Language (intermediate level)*	3	
Natural Science Lab*	4	
Quantitative Reasoning Elective*	3-4	
Unrestricted Electives	0-1	
Term 2		**Term 2**
ENGL 102 (or equivalent)*	3	ENGL 101
Foreign Language (intermediate level)*	3	
Natural Science Lab (continuation of sequence)*	4	
POLS 101* or POLS 107*	3	
Quantitative Reasoning Elective*	3-4	

Term 3		**Term 3**
Arts and Humanities (List A)*	3	Complete at least 36 hours by the end of the term
Communicating Orally Elective*	3	
Natural Science	3	
POLS 102*	3	
Unrestricted Electives	3	

Term 4		**Term 4**
Arts and Humanities (List B)*	3	ENGL 102
Communicating through Writing Elective*	3	POLS 101
Non-U.S. History*	3	POLS 102
Social Sciences (List A or B)	3	
Unrestricted Electives	3	

Term 5		**Term 5**
Arts and Humanities (List A, B, or C)	3	Complete at least 60 hours by the end of the term
Non-U.S. History (continuation of sequence)*	3	
Political Science (major)	3	
Social Sciences (List A or B)	3	
Upper-Level Distribution (U.S. Studies)	3	

Term 6	
Political Science (major)	6
Unrestricted Electives (300- or 400-level)	6
Upper-Level Distribution (Foreign Studies)	3

Term 6

Term 7	
Political Science (major)	9
Unrestricted Electives	3
Unrestricted Electives (300- or 400-level)	3

Term 7

Term 8	
Political Science (major)	6
Unrestricted Electives	6
Unrestricted Electives (300- or 400-level)	3
TOTAL (minimum)	**120**

Term 8

Requirements for the Bachelor of Arts, Political Science Major – Public Administration Concentration

Academic Plan

Term 1	**Hours**
ENGL 101 (or equivalent)*	3
Foreign Language (intermediate level)*	3
Natural Science Lab*	4
Quantitative Reasoning Elective*	3-4
Unrestricted Electives	0-1

Term 2	
ENGL 102 (or equivalent)*	3
Foreign Language (intermediate level)*	3
Natural Science Lab (continuation of sequence)*	4
POLS 101* or POLS 107*	3
Quantitative Reasoning Elective*	3-4

Term 3	
Arts and Humanities (List A)*	3
Communicating Orally Elective*	3
Natural Science	3
POLS 102*	3
Unrestricted Electives	3

Term 4	
Arts and Humanities (List B)*	3
Communicating through Writing Elective*	3
ECON 201* or ECON 207*	4
Non-U.S. History*	3
Unrestricted Electives	2

Term 5	
Arts and Humanities (List A, B, or C)	3
Non-U.S. History (continuation of sequence)*	3
Political Science (major)	3
Social Sciences (List A or B)	3
Upper-Level Distribution (U.S. Studies)	3

Term 6	
Political Science (major)	9
Unrestricted Electives (300- or 400-level)	3
Upper-Level Distribution (Foreign Studies)	3

Term 7	
Political Science (major)	9
Unrestricted Electives (300- or 400-level)	6

Term 8	
Political Science (major)	6

Milestones

Term 1
Complete at least 12 hours by the end of the term

Term 2
ENGL 101

Term 3
Complete at least 36 hours by the end of the term

Term 4
ENGL 102
POLS 101
POLS 102

Term 5
ECON 201

Term 6

Term 7

Term 8

Unrestricted Electives	9
TOTAL (minimum)	**120**

Requirements for the Bachelor of Science, Pre-Professional Programs Major – Clinical Laboratory Science Concentration

Academic Plan		**Milestones**
Term 1	**Hours**	**Term 1**
BIOL 130*, BIOL 138*, or BIOL 101*-102*	4-8	MATH 119 or Math ACT score of 25 or higher
CHEM 120* or CHEM 128*	4	One course from BIOL 130 or CHEM 120, with a grade of C or higher
ENGL 101 (or equivalent)*	3	
Foreign Language (intermediate level)*	3	
Quantitative Reasoning Elective* (see note 1)	3-4	
Term 2		**Term 2**
BIOL 140* or BIOL 148*	4	One additional course from BIOL 130, CHEM 120, or CHEM 130, with a grade of C or higher
CHEM 130* or CHEM 138*	4	ENGL 101
ENGL 102 (or equivalent)*	3	
Foreign Language (intermediate level)*	3	
[1]Quantitative Reasoning Elective*	3-4	
Term 3		**Term 3**
BIOL 240	4	One additional course from BIOL 130 or BIOL 140, with a grade of C or higher
CHEM 350 or CHEM 358	3	
Communicating through Writing Elective*	3	
Non-U.S. History*	3	
Social Science (List A)*	3	
Term 4		**Term 4**
CHEM 360-369 or CHEM 368-369	5	One additional course from BIOL 140 or BIOL 240, with a grade of C or higher
Communicating Orally Elective*	3	One additional course from CHEM 130 or CHEM 350, with a grade of C or higher
MICR 310-319	5	ENGL 102
Non-U.S. History (continuation of sequence)*	3	
Term 5		**Term 5**
Arts and Humanities (List A or B)*	3	One course from BCMB 230 or MICR 310, with a grade of C or higher
BCMB 230	5	CHEM 350 with a grade of C or higher
MICR 430	3	
[2]Unrestricted Electives	0-1	
Upper-Level Distribution (U.S. Studies)	3	
Term 6		**Term 6**
Arts and Humanities (List A, B, or C)*	3	
MICR 420-429	5	
Social Science (List A)*	3	
[2]Unrestricted Electives	0-1	
Upper-Level Distribution (Foreign Studies)	3	
Total for Terms 1-6 (minimum)	93	
[3]**Terms 7 and 8**		[3]**Terms 7 and 8**
Complete the 12-month Clinical Laboratory Science program of study at the UT Medical Center in Knoxville by successfully completing the following 36 hours of course work:		
CLS 410 - Microbiology I	4	
CLS 411 - Microbiology II	4	
CLS 420 - Clinical Chemistry I	5	
CLS 421 - Clinical Chemistry II	5	
CLS 430 - Hematology and Clinical Microscopy I	4	
CLS 431 - Hematology and Clinical Microscopy II	4	
CLS 440 - Immunohematology I	3	
CLS 441 - Immunohematology II	3	

CLS 450 - Clinical Serology and Immunology	2
CLS 470 - Orientation and Basic Techniques	1
CLS 480 - Principles of Supervision and Education in Medicine	1
Total for Terms 7-8	36
TOTAL (minimum)	**120**

[1] MATH 115-MATH 125, MATH 123-MATH 125, MATH 151-MATH 152, or MATH 141-MATH 142 are required for pre-clinical laboratory science students. Math placement depends on high school courses and grades, ACT scores, and BA/BS requirements.
[2] CLAS 273 is a highly recommended elective.
[3] Twelve-month program at UT Medical Center begins in January of each year. Deadline for application is May 15. Details can be found at the following website: http://www.utmedicalcenter.org/for-health-professionals/educational-opportunities/clinical-laboratory-science-medical-technology/

Requirements for the Bachelor of Science, Pre-Professional Programs Major – Pre-Dentistry Concentration

Academic Plan		**Milestones**
Term 1	**Hours**	**Term 1**
BIOL 130*, BIOL 138*, or BIOL 101*-102*	4-8	MATH 119 or Math ACT score of 25 or higher
CHEM 120* or CHEM 128*	4	One course from BIOL 130 or CHEM 120, with a grade of C or higher
ENGL 101 (or equivalent)*	3	
[1]Quantitative Reasoning Elective*	3-4	
Term 2		**Term 2**
BIOL 140* or BIOL 148*	4	One additional course from BIOL 130, CHEM 120, or CHEM 130, with a grade of C or higher
CHEM 130* or CHEM 138*	4	ENGL 101
Communicating Orally Elective*	3	
ENGL 102 (or equivalent)*	3	
[1]Quantitative Reasoning Elective*	3-4	
Term 3		**Term 3**
BIOL 240	4	One additional course from BIOL 130 or BIOL 140, with a grade of C or higher
CHEM 350 or CHEM 358	3	
Foreign Language (intermediate level)*	3	
Non-U.S. History*	3	
PHYS 221*	4	
Term 4		**Term 4**
CHEM 360-369 or CHEM 368-369	5	One additional course from BIOL 140 or BIOL 240, with a grade of C or higher
Foreign Language (intermediate level)*	3	One additional course from CHEM 130 or CHEM 350, with a grade of C or higher
Non-U.S. History (continuation of sequence)*	3	ENGL 102
PHYS 222*	4	
Term 5		**Term 5**
Arts and Humanities (List A or B)*	3	CHEM 350 with a grade of C or higher
BCMB 401	4	PHYS 221 with a grade of C or higher
Social Science (List A)*	6	
Upper-Level Distribution (U.S. Studies)	3	
Term 6		**Term 6**
Arts and Humanities (List A, B, or C)*	3	
Communicating through Writing Elective*	3	
MICR 310-310 or MICR 210 or EEB 240	3-5	
Upper-Level Distribution (Foreign Studies)	3	
Total for Terms 1-6 (minimum)	91	
Terms 7 and 8		**Terms 7 and 8**
Completion of one year at the University of Tennessee Health Science Center in Memphis.		
TOTAL (minimum)	**120**	

[1] Mathematics placement depends on high school courses and grades, ACT scores, and BA/BS requirements. MATH 130 or any calculus course is a prerequisite to physics. At least two courses must satisfy the University General Education Requirement in Quantitative Reasoning.

Requirements for the Bachelor of Science, Pre-Professional Programs Major – Pre-Medicine Concentration

Academic Plan		**Milestones**
Term 1	**Hours**	**Term 1**
BIOL 130*, BIOL 138*, or BIOL 101*-102*	4-8	MATH 119 or Math ACT score of 25 or higher
CHEM 120* or CHEM 128*	4	One course from BIOL 130 or CHEM 120, with a grade of C or higher
ENGL 101 (or equivalent)*	3	
[1]Quantitative Reasoning Elective*	3-4	
Term 2		**Term 2**
BIOL 140* or BIOL 148*	4	One additional course from BIOL 130, CHEM 120, or CHEM 130, with a grade of C or higher
CHEM 130* or CHEM 138*	4	ENGL 101
Communicating Orally Elective*	3	
ENGL 102 (or equivalent)*	3	
[1]Quantitative Reasoning Elective*	3-4	
Term 3		**Term 3**
BIOL 240 (see note 2)	4	One additional course from BIOL 130 or BIOL 140, with a grade of C or higher
CHEM 350 or CHEM 358	3	
Foreign Language (intermediate level)*	3	
Non-U.S. History*	3	
PHYS 221*	4	
Term 4		**Term 4**
CHEM 360-369 or CHEM 368-369	5	One additional course from BIOL 140 or BIOL 240, with a grade of C or higher
Foreign Language (intermediate level)*	3	One additional course from CHEM 130 or CHEM 350, with a grade of C or higher
Non-U.S. History (continuation of sequence)*	3	ENGL 102
PHYS 222*	4	
Term 5		**Term 5**
Arts and Humanities (List A or B)*	3	CHEM 350 with a grade of C or higher
BCMB 401 (see note 2)	4	PHYS 221 with a grade of C or higher
[2]Social Science (List A)*	3	
Unrestricted Electives	0-3	
Upper-Level Distribution (U.S. Studies)	3	
Term 6		**Term 6**
Arts and Humanities (List A, B, or C)*	3	
Communicating through Writing Elective*	3	
[2]Social Science (List A)*	3	
Unrestricted Electives	0-3	
Upper-Level Distribution (Foreign Studies)	3	
Total for Terms 1-6 (minimum)	91	
Terms 7 and 8		**Terms 7 and 8**
Completion of one year at the University of Tennessee Health Science Center in Memphis.		
TOTAL (minimum)	**120**	

[1] Mathematics placement depends on high school courses and grades, ACT scores, and BA/BS requirements. MATH 130 or any calculus course is a prerequisite to physics. At least two courses must satisfy the University General Education Requirement in Quantitative Reasoning.

[2] MCAT 2015 contains new content; therefore, pre-med students should complete BIOL 240 and BCMB 401 and select PSYC 110 and SOCI 120 to satisfy the University General Education Requirement in Social Science.

Requirements for the Bachelor of Science, Pre-Professional Programs Major – Pre-Pharmacy Concentration

Academic Plan		**Milestones**
Term 1	**Hours**	**Term 1**
BIOL 130*, BIOL 138*, or BIOL 101*-102*	4-8	MATH 119 or Math ACT score of 25 or higher
CHEM 120* or CHEM 128*	4	One course from BIOL 130 or CHEM 120, with a grade of C or higher
ENGL 101 (or equivalent)*	3	
MATH 125*, MATH 141*, MATH 147*, or MATH	3-4	

152*	
Social Science (List A)*	3

Term 2	
BIOL 140* or BIOL 148*	4
CHEM 130* or CHEM 138*	4
ENGL 102 (or equivalent)*	3
PHIL 244*	3
STAT 201* or STAT 207*	3

Term 2
One additional course from BIOL 130, CHEM 120, or CHEM 130, with a grade of C or higher
ENGL 101

Term 3	
BIOL 240	4
CHEM 350 or CHEM 358	3
Foreign Language (intermediate level)*	3
Non-U.S. History*	3
PHYS 221*	4

Term 3
One additional course from BIOL 130 or BIOL 140, with a grade of C or higher

Term 4	
CHEM 360-369 or CHEM 368-369	5
Foreign Language (intermediate level)*	3
MICR 210 or MICR 310-319	3 or 5
Non-U.S. History (continuation of sequence)*	3

Term 4
One additional course from BIOL 140 or BIOL 240, with a grade of C or higher
One additional course from CHEM 130 or CHEM 350, with a grade of C or higher
ENGL 102

Term 5	
[1]Arts and Humanities (List A, B, or C)*	3
BCMB 401	4
EEB 240	4
MICR 430	3
Upper-Level Distribution (U.S. Studies)	3

Term 5
CHEM 350 with a grade of C or higher
PHYS 221 with a grade of C or higher

Term 6	
BCMB 230	5
BCMB 402 or BCMB 412	4
Social Science (List A)*	3
Upper-Level Distribution (Foreign Studies)	3
Total for Terms 1-6 (minimum)	97

Term 6

Terms 7 and 8

Completion of one year at the University of Tennessee Health Science Center in Memphis.

Terms 7 and 8

TOTAL (minimum) **120**

[1] This course must also be chosen to satisfy the Communicating through Writing General Education requirement.

Requirements for the Bachelor of Science, Pre-Professional Programs Major – Pre-Veterinary Medicine Concentration

Academic Plan

Term 1	**Hours**
BIOL 130*, BIOL 138*, or BIOL 101*-102*	4-8
CHEM 120* or CHEM 128*	4
ENGL 101 (or equivalent)*	3
[1]Quantitative Reasoning Elective*	3-4

Term 2	
BIOL 140* or BIOL 148*	4
CHEM 130* or CHEM 138*	4
Communicating Orally Elective*	3
ENGL 102 (or equivalent)*	3
[1]Quantitative Reasoning Elective*	3-4

Term 3	
BIOL 240	4

Milestones

Term 1
MATH 119 or Math ACT score of 25 or higher
One course from BIOL 130 or CHEM 120, with a grade of C or higher

Term 2
One additional course from BIOL 130, CHEM 120, or CHEM 130, with a grade of C or higher
ENGL 101

Term 3
One additional course from BIOL 130 or BIOL 140, with a grade

		of C or higher
CHEM 350 or CHEM 358	3	
Foreign Language (intermediate level)*	3	
Non-U.S. History*	3	
PHYS 221*	4	

Term 4		**Term 4**
CHEM 360-369 or CHEM 368-369	5	One additional course from BIOL 140 or BIOL 240, with a grade of C or higher
Foreign Language (intermediate level)*	3	One additional course from CHEM 130 or CHEM 350, with a grade of C or higher
Non-U.S. History (continuation of sequence)*	3	ENGL 102
PHYS 222*	4	

Term 5		**Term 5**
Arts and Humanities (List A or B)*	3	CHEM 350 with a grade of C or higher
BCMB 401	4	PHYS 221 with a grade of C or higher
Social Science (List A)*	3	
Upper-Level Distribution (U.S. Studies)	3	

Term 6		**Term 6**
Arts and Humanities (List A, B, or C)*	3	
BCMB 402	4	
[2]Biology Elective	4	
Communicating through Writing Elective*	3	
Upper-Level Distribution (Foreign Studies)	3	
Total for Terms 1-6 (minimum)	92	
Terms 7 and 8		**Terms 7 and 8**
Completion of one year at the University of Tennessee College of Veterinary Medicine.		
TOTAL (minimum)	**120**	

[1] Math placement depends on high school courses and grades, ACT scores, and BA/BS requirements. MATH 130 or any calculus course is a prerequisite for physics. At least two courses must satisfy the University General Education Requirement in Quantitative Reasoning.

[2] Any BCMB course (except BCMB 401, BCMB 402, BCMB 452, BCMB 457, BCMB 492, BCMB 493); any EEB course (except EEB 304, EEB 305, EEB 309, EEB 370, EEB 400, EEB 407, EEB 413, EEB 421, EEB 490, EEB 493); any MICR course (except MICR 491, MICR 492, MICR 493).

Requirements for the Bachelor of Arts, Psychology Major

Academic Plan		**Milestones**
Term 1	**Hours**	**Term 1**
[1]BIOL 101* or other Natural Science Lab*	4	Complete at least 12 hours by the end of the term
ENGL 101 (or equivalent)*	3	
Foreign Language (intermediate level)*	3	
PSYC 110* or PSYC 117*	3	
Unrestricted Electives	1	

Term 2		**Term 2**
[1]BIOL 102* or other Natural Science Lab (continuation of sequence)*	4	ENGL 101
ENGL 102 (or equivalent)*	3	
Foreign Language (intermediate level)*	3	
Quantitative Reasoning Elective*	3-4	
Social Sciences (List A)*	3	

Term 3		**Term 3**
Communicating Orally Elective*	3	PSYC 110 with a grade of C or better
Non-U.S. History*	3	
Psychology (major)	3	
Quantitative Reasoning Elective*	3-4	
Unrestricted Electives	2-3	

Term 4		**Term 4**
Arts and Humanities (List A)*	3	ENGL 102
Communicating through Writing Elective*	3	PSYC 210 or PSYC 220 or PSYC 300 or PSYC 310 or PSYC 320 or PSYC 330 or PSYC 360 or PSYC 370, with a grade of C

		or better
Non-U.S. History (continuation of sequence)*	3	[1]Complete Biological Science requirement
PSYC 295 or PSYC 395	3	
Unrestricted Electives	3	

Term 5		**Term 5**
Arts and Humanities (List B)*	3	PSYC 295 or PSYC 395 with a grade of C or better
Natural Science	3	
Psychology (major)	3	
Social Sciences (List A or B)	3	
Unrestricted Electives (300- or 400-level)	3	
Term 6		**Term 6**
Arts and Humanities (List A, B, or C)	3	
Psychology (major)	6	
Unrestricted Electives (300- or 400-level)	3	
Upper-Level Distribution (U.S. Studies)	3	
Term 7		**Term 7**
Psychology (major)	6	
Unrestricted Electives (300- or 400-level)	6	
Upper-Level Distribution (Foreign Studies)	3	
Term 8		**Term 8**
Psychology (major)	3	
Social Sciences (List A or B)	3	
Unrestricted Electives (300- or 400-level)	9	
TOTAL (minimum)	**120**	

[1] Biological Science requirement can be completed through: (a) the two-course combinations ANTH 110-ANTH 210 or BIOL 101-BIOL 102; (b) the single courses BIOL 130, BIOL 140, or EEB 240; (c) one of ANTH 110, ANTH 210, BIOL 101, or BIOL 102 and one of ANTH 130, BCMB 230, or BCMB 306.

Requirements for the Bachelor of Arts, Religious Studies Major

Academic Plan		**Milestones**
Term 1	**Hours**	**Term 1**
ENGL 101 (or equivalent)*	3	Complete at least 12 hours by the end of the term
Foreign Language (intermediate level)*	3	
Natural Science Lab*	4	
Quantitative Reasoning Elective*	3-4	
Unrestricted Electives	1	

Term 2		**Term 2**
ENGL 102 (or equivalent)*	3	ENGL 101
Foreign Language (intermediate level)*	3	
Natural Science Lab (continuation of sequence)*	4	
Quantitative Reasoning Elective*	3-4	
Social Sciences (List A: REST 232* or REST 233* recommended)*	3	

Term 3		**Term 3**
Arts and Humanities (List A)*	3	Complete at least 36 hours by the end of the term
Communicating through Writing Elective*	3	
Natural Science	3	
Non-U.S. History*	3	
Social Sciences (List A)*	3	

Term 4		**Term 4**
Arts and Humanities (List B)*	3	ENGL 102
Non-U.S. History (continuation of sequence)*	3	One 200-level or higher Religious Studies course with a grade of C or better
Religious Studies (major)	3	
Social Sciences (List A or B)	3	
Unrestricted Electives	3	

Term 5		**Term 5**
Arts and Humanities (List A, B, or C)	3	One additional 200-level or higher Religious Studies course

		with a grade of C or better
Communicating Orally Elective*	3	
Religious Studies (major)	6	
Upper-Level Distribution (U.S. Studies)	3	
Term 6		**Term 6**
Social Sciences (List A or B)	3	
Religious Studies (major)	6	
Unrestricted Electives (300- or 400-level)	3	
Upper-Level Distribution (Foreign Studies)	3	
Term 7		**Term 7**
Religious Studies (major)	9	
Unrestricted Electives	3	
Unrestricted Electives (300- or 400-level)	3	
Term 8		**Term 8**
REST 499	3	
Religious Studies (major)	3	
Unrestricted Electives	3	
Unrestricted Electives (300- or 400-level)	6	
TOTAL (minimum)	**120**	

Requirements for the Bachelor of Arts, Sociology Major – General Concentration

Academic Plan		**Milestones**
Term 1	**Hours**	**Term 1**
ENGL 101 (or equivalent)*	3	Completion of at least 12 credit hours
Quantitative Reasoning	3	
Foreign Language (intermediate level)*	3	
Natural Science Lab*	4	
General Elective	1	
Term 2		**Term 2**
ENGL 102(or equivalent)*	3	ENGL 101
MATH 115*, STAT 201*, or STAT 207*	3	
Foreign Language (intermediate level)*	3	
Natural Science Lab (continuation of sequence)	4	
Arts and Humanities (List A)	3	
Term 3		**Term 3**
Social Science (List A)	3	Completion of at least 12 credit hours
Foreign Language or General Elective	3	
Communicating Orally Elective*	3	
SOCI 110*, SOCI 120*, or SOCI 127*	3	
Natural Science	3	
Term 4		**Term 4**
Social Science (List A)	3	ENGL 102
Foreign Language or General Elective	3	MATH 115 or STAT 201
Arts and Humanities (List A, B, or C)	3	SOCI 110 or SOCI 120
Communicating through Writing Elective*	3	
SOCI 321	3	
Term 5		**Term 5**
Arts and Humanities (List B)	3	SOCI 321 or SOCI 331
Non-U.S. History	3	
Social Science (List A or B)	3	
Upper Level Distribution (U.S. Studies)	3	
SOCI 331	3	
Term 6		**Term 6**
Upper Level Distribution (Foreign Studies)	3	
Non-U.S. History (continuation of sequence)	3	
Sociology (major)	9	

Term 7	
Sociology (major)	9
Elective (300-400 level)	3
General Elective	3

Term 7

Term 8	
Sociology major (400 level)	6
Elective (300-400 level)	3
General Electives	6
TOTAL (minimum)	**120**

Term 8

Requirements for the Bachelor of Arts, Sociology Major – Criminology and Criminal Justice Concentration

Academic Plan		**Milestones**
Term 1	**Hours**	**Term 1**
ENGL 101 (or equivalent)*	3	Completion of at least 12 credit hours
Quantitative Reasoning Elective*	3	
Foreign Language (intermediate level)*	3	
Natural Science Lab*	4	
General Elective	1	

Term 2	
ENGL 102 (or equivalent)*	3
MATH 115*, STAT 201*, or STAT 207*	3
Foreign Language (intermediate level)*	3
Natural Science Lab (continuation of sequence)*	4
Arts and Humanities (List A)	3

Term 2
ENGL 101

Term 3	
Social Science (List A)	3
Foreign Language or General Elective	3
Communicating Orally Elective*	3
SOCI 110*, SOCI 120*, or SOCI 127*	3
Natural Science	3

Term 3
Completion of at least 12 credit hours

Term 4	
Social Science (List A or B)	3
Foreign Language or General Elective	3
Arts and Humanities (List A, B, or C)	3
Communicating through Writing Elective*	3
SOCI 321	3

Term 4
ENGL 102
MATH 115 or STAT 201
SOCI 110 or SOCI 120

Term 5	
Arts and Humanities (List B)	3
Non-U.S. History	3
Social Science (List A or B)	3
Upper Level Distribution (U.S. Studies)	3
SOCI 331	3

Term 5
SOCI 321 or SOCI 331

Term 6	
Upper Level Distribution (Foreign Studies)	3
Non-U.S. History (continuation of sequence)	3
SOCI 350	3
Sociology major (300-400 level)	6

Term 6

Term 7	
SOCI 451	3
Sociology (major)	6
Elective (300-400 level)	3
General Elective	3

Term 7

Term 8	
Sociology (major)	6
Elective (300-400 level)	3
General Electives	6

Term 8

TOTAL (minimum)	**120**

Requirements for the Bachelor of Arts, Sociology Major – Environmental Issues Concentration

Academic Plan		**Milestones**
Term 1	**Hours**	**Term 1**
ENGL 101 (or equivalent)*	3	Completion of at least 12 credit hours
Quantitative Reasoning Elective*	3	
Foreign Language (intermediate level)*	3	
Natural Science Lab*	4	
General Elective	1	
Term 2		**Term 2**
ENGL 102 (or equivalent)*	3	ENGL 101
MATH 115*, STAT 201*, or STAT 207*	3	
Foreign Language (intermediate level)*	3	
Natural Science Lab (continuation of sequence)*	4	
Arts and Humanities (List A)	3	
Term 3		**Term 3**
Social Science (List A)	3	Completion of at least 12 credit hours
Foreign Language or General Elective	3	
Communicating Orally Elective*	3	
SOCI 110*, SOCI 120*, or SOCI 127*	3	
Natural Science	3	
Term 4		**Term 4**
Social Science (List B)	3	ENGL 102
Foreign Language or General Elective	3	MATH 115 or STAT 201
Arts and Humanities (List A, B, or C)	3	SOCI 110 or SOCI 120
Communicating through Writing Elective*	3	
SOCI 321	3	
Term 5		**Term 5**
Arts and Humanities List B (any)	3	SOCI 321 or SOCI 331
Non-U.S. History	3	
Social Science (List A or B)	3	
Upper Level Distribution (U.S. Studies)	3	
SOCI 331	3	
Term 6		**Term 6**
Upper Level Distribution (Foreign Studies)	3	
Non-U.S. History (continuation of sequence)	3	
SOCI 360	3	
Sociology (major)	6	
Term 7		**Term 7**
SOCI 442 or SOCI 446	3	
Sociology (major)	6	
Elective (300-400 level)	3	
General Elective	3	
Term 8		**Term 8**
Sociology (major)	6	
General Electives	6	
Elective (300-400 level)	3	
TOTAL (minimum)	**120**	

Requirements for the Bachelor of Science, Statistics Major (Arts and Sciences)

Academic Plan		**Milestones**
Term 1	**Hours**	**Term 1**
ENGL 101 (or equivalent)*	3	Complete 12 hours
Foreign Language (intermediate level)*	3	
MATH 141* or MATH 147*	4	
Communicating Orally Elective*	3	
Social Science	3	

Term 2	
ENGL 102 (or equivalent)*	3
Foreign Language (intermediate level)*	3
MATH 142* or MATH 148*	4
Social Science	3
General Elective	1

Term 2
ENGL 101

Term 3	
Foreign Language or General Elective	3
Arts and Humanities	3
MATH 241 (or approved upper division mathematics course)	4
STAT 201* or STAT 251	3
Natural Science Lab*	4

Term 3
MATH 141

Term 4	
Foreign Language or General Elective	3
General Elective	3
MATH 251 (or approved upper division mathematics course)	3
Natural Science Lab (continuation of sequence)*	4

Term 4
STAT 201 or STAT 251
MATH 142

Term 5	
Natural Science	3
Upper Level Distribution	3
STAT 320	3
Non-U.S. History	3
General Elective	3

Term 5
MATH 241 or MATH 251

Term 6	
Statistics Technical Elective (upper division)	3
Upper Division Elective	3
Non-U.S. History (continuation of sequence)	3
STAT 340	3
General Elective	3

Term 6

Term 7	
Upper Level Distribution	3
Communicating through Writing Elective*	3
Arts and Humanities	3
STAT 471	3
Statistics Technical Elective (upper division)	3

Term 7

Term 8	
Statistics Major (choose from MATH 423, MATH 424, MATH 425; STAT 474 or STAT 475)	6
Upper Division Elective	6
General Elective	3
TOTAL (minimum)	**120**

Term 8

Requirements for the Bachelor of Arts, Theatre Major

Academic Plan

Term 1	**Hours**
ENGL 101 (or equivalent)*	3
Foreign Language (intermediate level)*	3
Quantitative Reasoning Elective*	3
THEA 100*	3
Social Science (List A)	3

Milestones

Term 1
Completion of at least 12 credit hours

Term 2	
ENGL 102 (or equivalent)*	3
Foreign Language (intermediate level)*	3
Quantitative Reasoning Elective*	3
THEA 220	3
THEA 242, THEA 252, or THEA 262	3

Term 2
ENGL 101
THEA 100

Term 3	
Natural Science Lab*	4
Foreign Language or General Elective	3
Non-US History	3
One additional course from THEA 242, THEA 252, or THEA 262	3
Social Science (List A)	3

Term 3
THEA 220

Term 4	
Natural Science Lab (continuation of sequence)*	4
Foreign Language or General Elective	3
Remaining course from THEA 242, THEA 252, or THEA 262	3
THEA 300	3
Non-US History (continuation of sequence)	3

Term 4
One course from THEA 242, THEA 252, or THEA 262
ENGL 102

Term 5	
Natural Science	3
Arts and Humanities (List A)	3
Communicating Orally Elective*	3
Social Science (List A or B)	3
THEA 411	3

Term 5
Complete additional course from THEA 242, THEA 252, or THEA 262
THEA 300

Term 6	
Arts and Humanities (List B)	3
THEA 412	3
Upper Level Distribution (U.S. Studies)	3
Social Science (List A or B)	3
Elective (300-400 level)	3

Term 6

Term 7	
Theatre (upper division in major)	6
Upper Level Distribution (Foreign Studies)	3
THEA 430	3
General Elective	1

Term 7

Term 8	
Theatre (upper division in major)	6
Electives (300-400 level)	9
TOTAL (minimum)	**120**

Term 8

COLLEGE OF BUSINESS ADMINISTRATION

All changes effective Fall 2013

I. COURSE CHANGES

(BUAD) Business Administration

ADD

205 Business Ethics (3) An in-depth focus on business ethics that combines philosophical theory and empirical social science. This course examines the process of identifying, understanding, and effectively addressing contemporary ethical issues in the business enterprise. Perspectives from individual, organizational, societal and international levels are considered.
Registration Restriction(s): Majors in the College of Business Administration.

Rationale: To offer an additional option for students in meeting the business ethics requirement of the AACSB. Staffing Impact: None. Impact on Other Units: None. Financial Impact: None.

499 Special Topics (1-3) Seminar covering special topics in business.
Repeatability: May be repeated if topic differs. Maximum 6 hours.
Registration Restriction(s): Majors in the College of Business Administration.

Rationale: To add the flexibility to offer courses of special topics. Staffing Impact: No staffing impact. Course taught by existing faculty. Impact on Other Academic Units: None. Financial Impact: None.

REVISE (RE) PREREQUISITE

331 CBM I: Supply Chain Management (2)
(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).
Formerly: (RE) Prerequisite(s): Management 201 or 207.

332 CBM I: Demand Management (2)
(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).
Formerly: (RE) Prerequisite(s): Management 201 or 207.

341 CBM II: Lean Operations (2)
(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).
Formerly: (RE) Prerequisite(s): 242 with grade of C or better and Management 201 or 207.

342 CBM II: Information Management (2)
(RE) Prerequisite(s): 242 and 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).
Formerly: (RE) Prerequisite(s): 242 with grade of C or better and Management 201 or 207.

361 The Firm in a Global Context (3)
(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).
Formerly: (RE) Prerequisite(s): Management 201 or 207.

Rationale: To better reflect the courses required as prerequisites. Staffing Impact: None. Impact on Other Units: None. Financial Impact: None.

DEPARTMENT OF ECONOMICS

(ECON) Economics

REVISE (RE) COREQUISITE

381 Introduction to Econometrics (3)

(RE) Corequisite(s): 311 or 312 or 313.
Formerly: (RE) Corequisite(s): 311 or 313.

Rationale: To clearly state the acceptability of Econ 312 to meet the corequisite. Staffing Impact: None. Impact on Other Academic Units: None. Financial Impact: None.

DEPARTMENT OF FINANCE

(FINC) Finance

ADD

445 Debt and Derivatives (3) Different types of derivative financial assets and fixed-income securities are the focus of this course. Emphasis will be placed on real-world applications of theoretical and conceptual material discussed in this class.
(RE) Prerequisite(s): 301 or 307 and Accounting 301 with grades of C or better.

Rationale: The global landscape of investments has changed dramatically over the last decade, with much of the change involving derivative investments. Business students entering today's competitive job market will certainly benefit from increased exposure and a more in-depth understanding of both derivatives and fixed income securities. Such knowledge also has implications for the corporate setting in projecting project cash flows and valuing real options. Staffing Impact: None. Course taught by existing faculty. Impact on Other Academic Units: None. Financial Impact: None.

REVISE (RE) PREREQUISITE

301 Financial Management (3)
(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).
Formerly: (RE) Prerequisite(s): Management 201.

Rationale: To better reflect the courses required as prerequisites. Staffing Impact: None. Impact on Other Units: None. Financial Impact: None.

DEPARTMENT OF MANAGEMENT

(HRM) Human Resource Management

REVISE TITLE

480 Developing Human Resources (3)
Formerly: Growing Talent (3)

481 Recruitment and Selection (3)
Formerly: Acquiring Talent (3)

485 Compensation and Benefits (3)
Formerly: Retaining Talent (3)

Rationale: The new title better describes the content of the course and is more easily recognized and understood by the student. Staffing Impact: None. Impact on Other Academic Units: None. Financial Impact: None.

REVISE TITLE, REVISE DESCRIPTION, REVISE REPEATABILITY

492 Internship and Career Development (1-6) 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.
Repeatability: May be repeated once for a maximum of 6 combined hours.
Formerly: Off-Campus Study (1-6) Practical application and classroom instruction in human resources. Aspects of career development and the transition to the corporate world.
Repeatability: May be repeated. Maximum 6 hours.

Rationale: The current description is incomplete, the new description more completely describes the content and the repeatability was unclear. Credit hours earned is based partially on the number of hours spent in the internship with a maximum of two placements. Staffing Impact: None. Impact on Other Academic Units: None. Financial Impact: None.

(MGT) Management

DROP (RE) PREREQUISITE, REVISE (RE) COREQUISITE

201 Introduction to Business Management (3)
(RE) Corequisite(s): Accounting 200.
Formerly: (RE) Prerequisite(s): Accounting 200 and Economics 201 or 207.
(RE) Corequisite(s): Statistics 201 or 207.

Rationale: Revision of the course from BUAD 201 to MGT 201 reduced need for quantitative experience prior to enrollment. Making this change enhances student opportunity to graduate in 4 years, even if they had to repeat Accounting 200. Staffing Impact: None. Impact on Other Academic Units: None. Financial Impact: None.

REVISE TITLE, REVISE DESCRIPTION, REVISE REPEATABILITY

492 Internship and Career Development (1-6) Integrates classroom knowledge with skill based competencies in the management field through classroom instruction, interaction with outside speakers, attendance at professional meetings and an internship.
Repeatability: May be repeated once for a maximum of 6 combined hours.
Formerly: Management Off-Campus Study (1-6) No description.
Repeatability: May be repeated. Maximum 6 hours.

Rationale: There is currently no description, the new description describes the content and the repeatability was unclear. Credit hours earned is based partially on the number of hours spent in the internship with a maximum of two placements. Staffing Impact: None. Impact on Other Academic Units: None. Financial Impact: None.

DEPARTMENT OF MARKETING AND SUPPLY CHAIN MANAGEMENT

(LOG) Logistics

DROP ACADEMIC DISCIPLINE AND ALL COURSES

310 Intermediate Logistics (3)
411 Logistics Analytical Methods I (3)
412 Logistics Analytical Methods II (3)
413 Logistics Operations Management (3)
421 Procurement and Supply Management (3)
460 Strategic Logistics in a Global Supply Chain Environment (3)
492 Logistics Off-Campus Study (1-6)
493 Independent Study (1-6)
499 Special Topics in Supply Chain Management (1-6)

(SCM) Supply Chain Management

ADD ACADEMIC DISCIPLINE AND COURSES

310 Intermediate Supply Chain Management (6) The concepts, principles, and methods used to plan, organize, and manage supply chain elements in a global environment. A balanced view of logistics, distribution, operations and purchasing is covered along with the integration among supply chain members of these vitally important areas.
(RE) Prerequisite(s): Business Administration 331 or 337.
Registration Restriction(s): Majors in the College of Business Administration.

411 Supply Chain Modeling and Analysis (3) Introduction to the principal analytical tools and methods that are used in supply chain management, including experience in solving relevant supply chain and logistics problems. Heavy emphasis on the use of Microsoft Excel functions and add-ins to develop modeling skills including decision analysis, heuristics, network design, delivery routing and transportation mode selection.
(RE) Prerequisite(s): 310 with grade of C or better.
Registration Restriction(s): Majors in the College of Business Administration.

412 Supply Chain Information Technology (3) Introduces students to supply chain management (SCM) technologies, including a broad range of information technology (IT) capabilities form automating data capture to facilitating supply chain design. Content spans computer technology, including large server-based, data intensive software to PC-based decision technology to the current trend toward Web-based software and cloud computing. The course aims to develop and produce supply professionals who have an understanding of and appreciation for the role of IT in managing supply chains.
(RE) Prerequisite(s): 310 with grade of C or better.
Registration Restriction(s): Majors in the College of Business Administration.

413 Supply Chain Operations (3) Analysis of supply chain operations and management techniques applied to manufacturing, transportation, warehousing, and distribution center operations.

(RE) Prerequisite(s): 310 with grade of C or better.
Registration Restriction(s): Majors in the College of Business Administration.

421 Global Strategic Sourcing (3) Addresses the processes that facilitate the structure, development, and management of value added transactions and relationships between supplier and customer organizations in a global supply chain context. The course examines the management of the business purchasing function, including supplier selection and development, quality control, cost management, and performance measurement.
(RE) Prerequisite(s): 310 with grade of C or better.
Registration Restriction(s): Majors in the College of Business Administration.

460 Global Strategies for Supply Chain Management (3) Capstone course with emphasis on strategic supply chain management from a global perspective. Integrates supply chain concepts, framework, processes and tools learned in previous supply chain management course work.
(RE) Prerequisite(s): Two courses from SCM 411, 412, 413, 421 with a grade of C or better.
Registration Restriction(s): Majors in the College of Business Administration.

492 Supply Chain Management Off-Campus Study (1-6)
Grading Restriction: Satisfactory/No Credit grading only.
Repeatability: May be repeated. Maximum 6 hours.
Comment(s): Supply Chain Management majors only.
Registration Permission: Consent of instructor.

493 Independent Study (1-6) Directed research on subject of mutual interest to student and staff member.
Repeatability: May be repeated. Maximum 6 hours.
Comment(s): Supply Chain Management majors only.
Registration Permission: Consent of instructor.

499 Special Topics in Supply Chain Management (1-6) Seminar designed to study current issues in supply chain management.
Repeatability: May be repeated if topic differs. Maximum 6 hours.
(RE) Prerequisite(s): 310 with grade of C or better.

Equivalency Table

Current Courses Logistics (LOG)	Equivalent Courses Effective Fall 2013 Supply Chain Management (SCM)
310	310
411	411
412	412
413	413
421	421
460	460
492	492
493	493
499	499

Rationale: The Logistics program has changed to Supply Chain Management reflecting the discipline's evolution to this broader perspective. The department name change was approved by the UT Board of Trustees in Summer 2012. Therefore, all previous course numbers beginning with "LOG" need to be revised to "SCM." Additional revisions include: SCM 310—title, description, and credit hour change (additional hours are needed to cover new topics and to provide the necessary foundation for 400-level supply chain management courses to follow); SCM 411 and 460—title, description, and (RE) prerequisite change; SCM 412 and 413—title, description, (RE) prerequisite, and (RE) corequisite change; SCM 421—title and (RE) prerequisite change; SCM 492—title and comment change; SCM 493—comment change; SCM 499—(RE) prerequisite change. Impact on Other Academic Units: None. Financial Impact: None.

Course	Course Impact
LOG 310	Accounting major—Logistics collateral option
	Business Analytics major—Logistics collateral option
	Business Analytics major—Logistics dual concentration, 3rd year
	Business Analytics major—Fifth Year Master of Science, Logistics collateral option
	Finance major—Logistics collateral option
	LOG 411 prerequisite
	LOG 412 prerequisite
	LOG 413 prerequisite
	Logistics major—Collateral option, 3rd year
	Logistics major—Business Analytics dual concentration, 3rd year
	Logistics major—Information Management dual concentration, 3rd year
	Logistics major—Internal Auditing dual concentration, 3rd year
	Logistics major—International Business dual concentration, 3rd year
	Logistics major—Marketing dual concentration, 3rd year
	Marketing major—Logistics collateral option
	Marketing major—Logistics dual concentration, 3rd year

LOG 411	Accounting major—Logistics collateral option
	Business Analytics major—Logistics collateral option
	Business Analytics major—Logistics dual concentration, 3rd year
	Business Analytics major—Fifth Year Master of Science, Logistics collateral option
	Finance major—Logistics collateral option
	LOG 412 prerequisite
	LOG 413 corequisite
	LOG 421 prerequisite
	LOG 460 prerequisite
	LOG 499 prerequisite
	Logistics major—Collateral option, 4th year
	Logistics major—Business Analytics dual concentration, 4th year
	Logistics major—Information Management dual concentration, 4th year
	Logistics major—Internal Auditing dual concentration, 4th year
	Logistics major—International Business dual concentration, 4th year
	Logistics major—Marketing dual concentration, 4th year
	Marketing major—Logistics collateral option
	Marketing major—Logistics dual concentration, 4th year
LOG 412	Logistics major—Collateral option, 4th year
LOG 413	Business Analytics major—Logistics dual concentration, 4th year
	Logistics major—Collateral option, 4th year
	Logistics major—Business Analytics dual concentration, 4th year
	Logistics major—Information Management dual concentration, 4th year
	Logistics major—Internal Auditing dual concentration, 4th year
	Logistics major—International Business dual concentration, 4th year
	Logistics major—Marketing dual concentration, 4th year
	Marketing major—Logistics dual concentration, 4th year
LOG 421	Accounting major— Logistics collateral option and footnote 4
	Business Analytics major—Logistics dual concentration, 4th year
	Finance major—Logistics collateral option
	Logistics major—Collateral option, 4th year
	Logistics major—Business Analytics dual concentration, 4th year
	Logistics major—Information Management dual concentration, 4th year
	Logistics major—Internal Auditing dual concentration, 4th year
	Logistics major—International Business dual concentration, 4th year
	Logistics major—Marketing dual concentration, 4th year
	Marketing major—Logistics collateral option
	Marketing major—Logistics dual concentration, 4th year
LOG 460	Business Analytics major—Logistics dual concentration, 4th year
	Logistics major—Collateral option, 4th year
	Logistics major—Business Analytics dual concentration, 4th year
	Logistics major—Information Management dual concentration, 4th year
	Logistics major—Internal Auditing dual concentration, 4th year
	Logistics major—International Business dual concentration, 4th year
	Logistics major—Marketing dual concentration, 4th year
	Marketing major—Logistics dual concentration, 4th year
LOG 492	None
LOG 493	None
LOG 499	None

DEPARTMENT OF STATISTICS, OPERATIONS AND MANAGEMENT SCIENCE

(OMS) Operations and Management Science

DROP

331 Decision Analysis (3)

Rationale: OMS 331 is no longer taught. Impact on Other Units: None. Financial Impact: None.

Course	Course Impact
OMS 331	Business Analytics major—Collateral option, footnote 4
	Business Analytics major—Information Management dual concentration, footnote 4

	Business Analytics Major—International Business dual concentration, 3rd year
	Business Analytics Major—Logistics dual concentration, 3rd year
	Business Analytics Major—Marketing dual concentration, 4th year
	Logistics Major—Business Analytics dual concentration, 4th year
	Marketing Major—Business Analytics dual concentration, 4th year

II. PROGRAM CHANGES

REVISE COLLEGE TEXT (CURRICULUM HEADING, 5TH PARAGRAPH)

Simultaneously, students are completing the course work (24 hours) required by their chosen major. The College of Business Administration offers nine majors – accounting, business analytics, economics, finance, human resource management, ~~logistics,~~ management, marketing, ~~and~~ public administration, and supply chain management. Within the 24 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 15 hours in their major and 9 hours in their collateral area (with the exception of economics and business analytics majors, who complete 18 hours in their major and 6 hours in their collateral area). With a dual concentration, students complete 12 hours in 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.

REVISE COLLEGE TEXT (MAJORS WITH COLLATERALS AND CONCENTRATIONS CHART)

2013 Majors with Collaterals and Concentrations

Majors	Collaterals 9 hours: Accounting	Business Analytics	Economics	Entrepreneurship	Finance	Human Resource Mgt	Information Management	International Business	~~Logistics~~	Management	Marketing	Math	Resource Management	Supply Chain Management	Concentrations 12 hours: Business Analytics	Information Management	Internal Auditing	International Business	~~Logistics~~	Marketing	Supply Chain Management
Accounting					•		•	•	×					•				•			
Business Analytics			•		•		•		×		•			•		•		•	×	•	•
Economics*	•	•			•					•		•						•			
Finance	•	•	•	•			•	•	×	•	•			•	•		•	•			
Human Resource Management				•			•	•			•							•			
~~**Logistics**~~			×	×		×	×	×			×				×	×	×	×		×	
Management			•	•		•	•	•			•		•					•			
Marketing			•	•		•	•	•	×				•	•	•	•	•	•	×		•
Public Administration**																					
Supply Chain Management			•	•		•	•	•			•				•	•	•	•		•	

* In addition to its collateral options, Economics also offers areas of focus in international economics, industrial organization, public economics, quantitative economics, money/macroeconomics, regional/urban economics, environmental economics, labor economics, and health economics.

** Because public administration is interdisciplinary in design, it does not offer any collaterals or concentrations.

Rationale: The Logistics program has changed to Supply Chain Management reflecting the discipline's evolution to this broader perspective.
Impact on Other Academic Units: None. Financial Impact: None.

◈ADD BUSINESS ADMINISTRATION EXPLORATORY MAJOR

Academic Plan

Term 1	Hours
[1,2]ENGL 101* or ENGL 118*	3
[3]Intermediate Foreign Language*	3
[4]MATH 123*, MATH 141*, or MATH 147*	3-4
[3]Natural Sciences Elective*	3-4
[3]Social Sciences Elective*	3
	15-17

Term 2	
CMST 210*, CMST 217*, CMST 240*, or CMST 247*	3

Milestone Notes

Term 1
2.0 cumulative GPA

Term 2
2.5 cumulative GPA

ENGL 102*	3
[3]Intermediate Foreign Language*	3
[4]MATH 125*, MATH 142* or MATH 148*	3-4
[3]Natural Sciences Elective*	3-4
	15-17

Term 3	
ACCT 200 or ACCT 207	3
[3]Arts and Humanities Elective*	3
ECON 201* or ECON 207*	4
ENGL 255*, ENGL 257*, or ENGL 295*	3
[5]Unrestricted Elective	3
	16

Term 3
ACCT 200
ECON 201*
MATH 125* or MATH 141*

Term 4	
[3]Arts and Humanities Elective*	3
BUAD 242	2
MGT 201	3
STAT 201* or STAT 207*	3
[5]Unrestricted Elective	3
	14

Term 4
CMST 210* or CMST 240*
ENGL 255* or ENGL 295*
MATH 123* or MATH 142*

* 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* 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* must be completed by the end of the first semester of the Second Year.
[5] Any courses not already required for the major.

REVISE ALL MAJORS IN COLLEGE OF BUSINESS ADMINISTRATION

- Add BUAD 205, ECON 305, and MGT 311 as options with PHIL 244 and PHIL 252 for ethics requirement

Rationale: To offer additional options for students in meeting the business ethics requirement of the AACSB. Impact on Other Units: None. Financial Impact: None.

DEPARTMENT OF ACCOUNTING AND INFORMATION MANAGEMENT

REVISE DEPARTMENT AND PROGRAM TEXT (7TH PARAGRAPH)

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 ~~logistics~~.

◈REVISE ACCOUNTING MAJOR—COLLATERAL OPTION

- Add introductory program text to all UTracK plans
- Revise Finance Collateral Option—Change FINC 435 to a finance elective (FINC 435, FINC 445, FINC 463, FINC 475, or FINC 485)
- Revise Logistics Collateral Option
    - 0 Change name to Supply Chain Management
    - 0 Change LOG 310 (3 hrs) to SCM 310 (6 hrs)
    - 0 Replace LOG 411 and LOG 421 with a logistics elective (SCM 411, SCM 412, SCM 413, SCM 421)
    - 0 Update footnote 4 to replace logistics references to supply chain management

Rationale: Removing Finance 435 as a required course will better serve finance majors and collateral options. The Logistics program has changed to Supply Chain Management reflecting the discipline's evolution to this broader perspective. Impact on Other Academic Units: None. Financial Impact: None.

UTracK Requirements (for first-year students)
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 first-time, first-year, full-time, degree-seeking students entering Fall 2013. Returning, readmitted and transfer students will continue to follow the same program requirements outlined in their selected catalog.

Academic Plan		Milestone Notes
Term 1	**Hours**	**Term 1**
[1,2]ENGL 101* or ENGL 118*	3	2.0 cumulative GPA
[3]Intermediate Foreign Language*	3	
[4]MATH 123*, MATH 141*, or MATH 147*	3-4	
[3]Natural Sciences Elective*	3-4	
[3]Social Sciences Elective*	3	
	15-17	
Term 2		**Term 2**
CMST 210*, CMST 217*, CMST 240*, or CMST 247*	3	2.5 cumulative GPA
[1,2]ENGL 102*	3	
[3]Intermediate Foreign Language*	3	
[4]MATH 125*, MATH 142* or MATH 148*	3-4	
[3]Natural Sciences Elective*	3-4	
	15-17	
Term 3		**Term 3**
ACCT 200 or ACCT 207	3	ACCT 200
[3]Arts and Humanities Elective*	3	ECON 201*
ECON 201* or ECON 207*	4	MATH 125* or MATH 141*
ENGL 255*, ENGL 257*, or ENGL 295*	3	
[5]Unrestricted Elective	3	
	16	
Term 4		**Term 4**
[3]Arts and Humanities Elective*	3	CMST 210* or CMST 240*
BUAD 242	2	ENGL 255* or ENGL 295*
MGT 201	3	MATH 123* or MATH 142*
STAT 201* or STAT 207*	3	STAT 201*
[5]Unrestricted Elective	3	
	14	
Term 5		**Term 5**
ACCT 301	3	BUAD 242
BUAD 331, BUAD 332	4	
BUAD 341, BUAD 342	4	
FINC 301	3	
[5]Unrestricted Elective	2	
	16	
Term 6		**Term 6**
ACCT 311	3	2.5 cumulative GPA
BUAD 353, BUAD 361	6	ACCT 301
[6]Collateral	3	
INMT 341	3	
	15	
Term 7		**Term 7**
ACCT 321, ACCT 411	6	ACCT 311
BUAD 205 or ECON 305 or MGT 311 or PHIL 244* or PHIL 252*	3	BUAD 353
BULW 301	2	INMT 341
[6]Collateral	3	
	14	
Term 8		**Term 8**
ACCT 414 or ACCT 431	3	No milestones
[6]Collateral (or MAcc option)	3	
MGT 402	3	
[5]Unrestricted Electives	6	
	15	
TOTAL	**120**	

Accounting Collateral Options

FINANCE – FINC 425, FINC 455, and one of FINC 435, FINC 445, FINC 463, FINC 475, or FINC 485.

INFORMATION MANAGEMENT – INMT 342, INMT 442, INMT 443.

INTERNATIONAL BUSINESS – Nine hours from: IB 409, IB 429, IB 439, IB 449, IB 459, IB 492, BUAD 400 or MGT 472; and IB 489.

SUPPLY CHAIN MANAGEMENT – SCM 310, and one of SCM 411, SCM 412, SCM 413, SCM 421.

* 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* 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* must be completed by the end of the first semester of the Second Year.
[5] Any courses not already required for the major.
[6] 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 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.

REVISE ACCOUNTING MAJOR—INTERNATIONAL BUSINESS DUAL CONCENTRATION (UTRACK FORMAT ONLY)

- Add introductory program text for UTracK

UTracK Requirements (for first-year students)
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 first-time, first-year, full-time, degree-seeking students entering Fall 2013. Returning, readmitted and transfer students will continue to follow the same program requirements outlined in their selected catalog.

Academic Plan		Milestone Notes
Term 1	**Hours**	**Term 1**
[1,2]ENGL 101* or ENGL 118*	3	2.0 cumulative GPA
[3]Intermediate Foreign Language*	3	
[4]MATH 123*, MATH 141*, or MATH 147*	3-4	
[3]Natural Sciences Elective*	3-4	
[3]Social Sciences Elective*	3	
	15-17	
Term 2		**Term 2**
CMST 210*, CMST 217*, CMST 240*, or CMST 247*	3	2.5 cumulative GPA
[1,2]ENGL 102*	3	
[3]Intermediate Foreign Language*	3	
[4]MATH 125*, MATH 142* or MATH 148*	3-4	
[3]Natural Sciences Elective*	3-4	
	15-17	
Term 3		**Term 3**
[5]ACCT 200 or ACCT 207	3	ACCT 200
[3]Arts and Humanities Elective*	3	ECON 201*
[5]ECON 201* or ECON 207*	4	MATH 125* or MATH 141*
ENGL 255*, ENGL 257*, or ENGL 295*	3	
[6]Unrestricted Elective	3	
	16	
Term 4		**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*
STAT 201* or STAT 207*	3	STAT 201*
[6]Unrestricted Elective	3	
	14	
Term 5		**Term 5**
ACCT 301	3	BUAD 242
[5]BUAD 331, [4]BUAD 332	4	
BUAD 341, BUAD 342	4	
[5]FINC 301	3	
[6]Unrestricted Elective	2	
	16	

Term 6	
ACCT 311	3
[5]BUAD 353, BUAD 361	6
INMT 341	3
[6]Unrestricted Elective	3
	15

Term 6
2.5 cumulative GPA
ACCT 301
BUAD 331, BUAD 332

Term 7	
ACCT 321	3
BUAD 205 or ECON 305 or MGT 311 or PHIL 244* or PHIL 252*	3
BULW 301	2
[7]International Business coursework	6
	14

Term 7
ACCT 311
INMT 341

Term 8	
[7]International Business coursework	6
[5]MGT 402	3
[6]Unrestricted Electives	6
	15

Term 8
No milestones

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* 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* must be completed by the end of the first semester of the Second Year.
[5] Students admitted to Global Leadership Scholars will complete the honors versions of these courses: ACCT 207, BUAD 337, BUAD 338, BUAD 357, ECON 207*, FINC 307, MGT 207, MGT 407, and STAT 207*.
[6] 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] Twelve hours chosen from IB 409, IB 429, IB 439, IB 449, IB 459, IB 492, BUAD 400 or MGT 472; and IB 489.

DEPARTMENT OF ECONOMICS

◈REVISE ECONOMICS MAJOR—COLLATERAL OPTION

- Add introductory program text for UTracK
- Add Accounting Collateral Option— ACCT 321, and one of ACCT 311, ACCT 431; INMT 341.
- Add Management Collateral Option—MGT 430, MGT 435.

Rationale: Allows Economics majors to document coursework and skill sets in accounting and management. The credential can increase students' competitiveness with employers. Staffing Impact: None. Impact on Other Academic Units: None. Financial Impact: None.

UTracK Requirements (for first-year students)
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 first-time, first-year, full-time, degree-seeking students entering Fall 2013. Returning, readmitted and transfer students will continue to follow the same program requirements outlined in their selected catalog.

Academic Plan

Term 1	Hours
[1,2]ENGL 101* or ENGL 118*	3
[3]Intermediate Foreign Language*	3
[4]MATH 123*, MATH 141*, or MATH 147*	3-4
[3]Natural Sciences Elective*	3-4
[3]Social Sciences Elective*	3
	15-17

Milestone Notes

Term 1
2.0 cumulative GPA

Term 2	
CMST 210*, CMST 217*, CMST 240*, or CMST 247*	3
[1,2]ENGL 102*	3
[3]Intermediate Foreign Language*	3
[4]MATH 125*, MATH 142* or MATH 148*	3-4
[3]Natural Sciences Elective*	3-4

Term 2
2.5 cumulative GPA

		15-17	
Term 3			**Term 3**
ACCT 200 or ACCT 207		3	ACCT 200
[3]Arts and Humanities Elective*		3	ECON 201*
ECON 201* or ECON 207*		4	MATH 125* or MATH 141*
ENGL 255*, ENGL 257*, or ENGL 295*		3	
[5]Unrestricted Elective		3	
		16	
Term 4			**Term 4**
[3]Arts and Humanities Elective*		3	CMST 210* or CMST 240*
BUAD 242		2	ENGL 255* or ENGL 295*
MGT 201		3	MATH 123* or MATH 142*
STAT 201* or STAT 207*		3	STAT 201*
[5]Unrestricted Elective		3	
		14	
Term 5			**Term 5**
BUAD 331, BUAD 332		4	BUAD 242
BUAD 341, BUAD 342		4	
ECON 312		3	
FINC 301		3	
[5]Unrestricted Elective		2	
		16	
Term 6			**Term 6**
BUAD 205 or ECON 305 or MGT 311 or PHIL 244* or PHIL 252*		3	2.5 cumulative GPA
BUAD 353, BUAD 361		6	BUAD 331, BUAD 332
Collateral		3	
ECON 313		3	
		15	
Term 7			**Term 7**
BULW 301		2	ECON 312
Collateral		3	
[6]Economics Electives (300- or 400-level)		6	
[5]Unrestricted Electives		3	
		14	
Term 8			**Term 8**
[6]Economics Electives (400-level)		6	No milestones
MGT 402		3	
[5]Unrestricted Electives		6	
		15	
TOTAL		**120**	

Economics Collateral Options
ACCOUNTING - ACCT 321, and one of ACCT 311, ACCT 431; INMT 341.
BUSINESS ANALYTICS - STAT 320, STAT 474.
FINANCE - FINC 425; one of FINC 435, FINC 455.
MANAGEMENT - MGT 430, MGT 435.
QUANTITATIVE ECONOMICS AND MATH - MATH 241, MATH 251.

* 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* 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* must be completed by the end of the first semester of the Second Year.
[5] Any courses not already required for the major.
[6] Students completing the collateral in quantitative economics and math will complete ECON 381 and ECON 482 as two of the four required economics elective courses.

REVISE ECONOMICS MAJOR—INTERNATIONAL BUSINESS DUAL CONCENTRATION (UTRACK FORMAT ONLY)

- Add introductory program text for UTracK

UTracK Requirements (for first-year students)

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 first-time, first-year, full-time, degree-seeking students entering Fall 2013. Returning, readmitted and transfer students will continue to follow the same program requirements outlined in their selected catalog.

Academic Plan		Milestone Notes
Term 1	**Hours**	**Term 1**
[1,2]ENGL 101* or ENGL 118*	3	2.0 cumulative GPA
[3]Intermediate Foreign Language*	3	
[4]MATH 123*, MATH 141*, or MATH 147*	3-4	
[3]Natural Sciences Elective*	3-4	
[3]Social Sciences Elective*	3	
	15-17	
Term 2		**Term 2**
CMST 210*, CMST 217*, CMST 240*, or CMST 247*	3	2.5 cumulative GPA
[1,2]ENGL 102*	3	
[3]Intermediate Foreign Language*	3	
[4]MATH 125*, MATH 142* or MATH 148*	3-4	
[3]Natural Sciences Elective*	3-4	
	15-17	
Term 3		**Term 3**
[5]ACCT 200 or ACCT 207	3	ACCT 200
[3]Arts and Humanities Elective*	3	ECON 201*
[5]ECON 201* or ECON 207*	4	MATH 125* or MATH 141*
ENGL 255*, ENGL 257*, or ENGL 295*	3	
[6]Unrestricted Elective	3	
	16	
Term 4		**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	
	14	
Term 5		**Term 5**
[5]BUAD 331, [4]BUAD 332	4	BUAD 242
BUAD 341, BUAD 342	4	
ECON 312	3	
[5]FINC 301	3	
[6]Unrestricted Elective	2	
	16	
Term 6		**Term 6**
BUAD 205 or ECON 305 or MGT 311 or PHIL 244* or PHIL 252*	3	2.5 cumulative GPA
[5]BUAD 353, BUAD 361	6	BUAD 331, BUAD 332
BULW 301	2	
ECON 313	3	
	14	
Term 7		**Term 7**
Economics Elective (300- or 400-level)	3	ECON 312
[7]International Business coursework	6	
[6]Unrestricted Electives	6	
	15	
Term 8		**Term 8**
Economics Elective (400-level)	3	No milestones
[7]International Business coursework	6	
[5]MGT 402	3	
[6]Unrestricted Elective	3	
	15	
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* 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* must be completed by the end of the first semester of the Second Year.
[5] Students admitted to Global Leadership Scholars will complete the honors versions of these courses – ACCT 207, ECON 207*, MGT 207, STAT 207*, FINC 307, BUAD 337, BUAD 338, BUAD 357, and MGT 407.
[6] 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] Twelve hours chosen from IB 409, IB 429, IB 439, IB 449, IB 459, IB 469, IB 492, BUAD 400 or MGT 472; and IB 489.

REVISE ECONOMICS MAJOR—TRADITIONAL OPTION (UTRACK FORMAT ONLY)

- Add introductory program text for UTracK

UTracK Requirements (for first-year students)
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 first-time, first-year, full-time, degree-seeking students entering Fall 2013. Returning, readmitted and transfer students will continue to follow the same program requirements outlined in their selected catalog.

Academic Plan		Milestone Notes
Term 1	**Hours**	**Term 1**
[1,2]ENGL 101* or ENGL 118*	3	2.0 cumulative GPA
[3]Intermediate Foreign Language*	3	
[4]MATH 123*, MATH 141*, or MATH 147*	3-4	
[3]Natural Sciences Elective*	3-4	
[3]Social Sciences Elective*	3	
	15-17	
Term 2		**Term 2**
CMST 210*, CMST 217*, CMST 240*, or CMST 247*	3	2.5 cumulative GPA
[1,2]ENGL 102*	3	
[3]Intermediate Foreign Language*	3	
[4]MATH 125*, MATH 142* or MATH 148*	3-4	
[3]Natural Sciences Elective*	3-4	
	15-17	
Term 3		**Term 3**
ACCT 200 or ACCT 207	3	ACCT 200
[3]Arts and Humanities Elective*	3	ECON 201*
ECON 201* or ECON 207*	4	MATH 125* or MATH 141*
ENGL 255*, ENGL 257*, or ENGL 295*	3	
[5]Unrestricted Elective	3	
	16	
Term 4		**Term 4**
[3]Arts and Humanities Elective*	3	CMST 210* or CMST 240*
BUAD 242	2	ENGL 255* or ENGL 295*
MGT 201	3	MATH 123* or MATH 142*
STAT 201* or STAT 207*	3	STAT 201*
[5]Unrestricted Elective	3	
	14	
Term 5		**Term 5**
BUAD 331, BUAD 332	4	BUAD 242
BUAD 341, BUAD 342	4	
ECON 312	3	
FINC 301	3	
[5]Unrestricted Elective	2	
	16	
Term 6		**Term 6**
BUAD 205 or ECON 305 or MGT 311 or PHIL 244* or PHIL 252*	3	2.5 cumulative GPA
BUAD 353, BUAD 361	6	BUAD 331, BUAD 332
ECON 313	3	
[6]Economics Major coursework	3	

	15		
Term 7		**Term 7**	
BULW 301	2	ECON 312	
Economics Electives (300- or 400-level)	6		
[6]Economics Major coursework	3		
[5]Unrestricted Elective	3		
	14		
Term 8		**Term 8**	
Economics Electives (400-level)	6	No milestones	
MGT 402	3		
[5]Unrestricted Electives	6		
	15		
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* 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* must be completed by the end of the first semester of the Second Year.
[5] Any courses not already required for the major.
[6] Economics Major Coursework (choose one area of focus): Environmental Economics (ECON 362, ECON 463); Health Economics (ECON 436; PUBH 300); International Economics (ECON 322, ECON 421); Industrial Organization (ECON 331, ECON 435); Labor Economics (ECON 441; MGT 472); Money/ Macroeconomics (ECON 351, ECON 413); Public Economics (ECON 471, ECON 472); Quantitative Economics (ECON 381, ECON 482); Regional/ Urban Economics (ECON 361; FINC 485).

DEPARTMENT OF FINANCE

◈REVISE FINANCE MAJOR—COLLATERAL OPTION

- Add introductory program text for UTracK
- Replace FINC 435 with an additional finance elective (FINC 402, FINC 435, FINC 445, FINC 463, FINC 475, FINC 485, FINC 493, FINC 495; IB 449)
- Add Business Analytics Collateral Option—STAT 320, STAT 340, STAT 474.
- Add Management Collateral Option—MGT 331, MGT 430, MGT 435.
- Add Marketing Collateral Option—MARK 340, MARK 350, MARK 360.
- Revise Logistics Collateral Option
    - 0 Change name to Supply Chain Management
    - 0 Change LOG 310 (3 hrs) to SCM 310 (6 hrs)
    - 0 Replace LOG 411 and LOG 421 with a logistics elective (SCM 411, SCM 412, SCM 413, SCM 421)

Rationale: Removing Finance 435 as a required course will better serve finance majors and collateral options. Finance majors pursuing a collateral in business analytics would be better trained in statistical methods/analysis and thus better prepared for jobs in the area of investments, banking, and corporate finance where statistical skills are valued. Other new collaterals allow Finance majors to document coursework and skill sets in management and marketing. The Logistics program has changed to Supply Chain Management reflecting the discipline's evolution to this broader perspective. Impact on Other Academic Units: According to the Statistics and Operations Management Department, this would be resource neutral for them as it utilizes classes currently offered by the department. Class size/capacity is not seen as an issue. Financial Impact: None.

UTracK Requirements (for first-year students)
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 first-time, first-year, full-time, degree-seeking students entering Fall 2013. Returning, readmitted and transfer students will continue to follow the same program requirements outlined in their selected catalog.

Academic Plan		**Milestone Notes**
Term 1	**Hours**	**Term 1**
[1,2]ENGL 101* or ENGL 118*	3	2.0 cumulative GPA
[3]Intermediate Foreign Language*	3	
[4]MATH 123*, MATH 141*, or MATH 147*	3-4	
[3]Natural Sciences Elective*	3-4	
[3]Social Sciences Elective*	3	
	15-17	
Term 2		**Term 2**
CMST 210*, CMST 217*, CMST 240*, or CMST	3	2.5 cumulative GPA

247*		
[1,2]ENGL 102*	3	
[3]Intermediate Foreign Language*	3	
[4]MATH 125*, MATH 142* or MATH 148*	3-4	
[3]Natural Sciences Elective*	3-4	
	15-17	
Term 3		**Term 3**
ACCT 200 or ACCT 207	3	ACCT 200
[3]Arts and Humanities Elective*	3	ECON 201*
ECON 201* or ECON 207*	4	MATH 125* or MATH 141*
ENGL 255*, ENGL 257*, or ENGL 295*	3	
[5]Unrestricted Elective	3	
	16	
Term 4		**Term 4**
[3]Arts and Humanities Elective*	3	CMST 210* or CMST 240*
BUAD 242	2	ENGL 255* or ENGL 295*
MGT 201	3	MATH 123* or MATH 142*
STAT 201* or STAT 207*	3	STAT 201*
[5]Unrestricted Elective	3	
	14	
Term 5		**Term 5**
ACCT 301	3	BUAD 242
BUAD 331, BUAD 332	4	
BUAD 341, BUAD 342	4	
FINC 301	3	
[5]Unrestricted Elective	2	
	16	
Term 6		**Term 6**
BUAD 353, BUAD 361	6	2.5 cumulative GPA
Collateral	3	FINC 301
FINC 425	3	
[5]Unrestricted Elective	3	
	15	
Term 7		**Term 7**
BUAD 205 or ECON 305 or MGT 311 or PHIL 244* or PHIL 252*	3	BUAD 353
BULW 301	2	
Collateral	3	
[6]Finance Electives	6	
	14	
Term 8		**Term 8**
Collateral	3	No milestones
FINC 455	3	
MGT 402	3	
[5]Unrestricted Electives	6	
	15	
TOTAL	**120**	

Finance Collateral Options

ACCOUNTING – ACCT 321; and any one of ACCT 311, INMT 341, or ACCT 431 (increase Finance Electives by 3 hours).
BUSINESS ANALYTICS – STAT 320, STAT 340, STAT 474.
ECONOMICS – ECON 312, ECON 313; and either ECON 421 or ECON 482.
ENTREPRENEURSHIP – MGT 331, MGT 350, MGT 451.
INFORMATION MANAGEMENT – INMT 341, INMT 342, and either INMT 442 or INMT 443.
INTERNATIONAL BUSINESS – Nine hours from IB 409, IB 429, IB 439, IB 449, IB 459, IB 469, IB 492, BUAD 400 or MGT 472; and IB 489.
MANAGEMENT – MGT 331, MGT 430, MGT 435.
MARKETING – MARK 340, MARK 350, MARK 360.
SUPPLY CHAIN MANAGEMENT – SCM 310, and one of SCM 411, SCM 412, SCM 413, SCM 421.

* 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* 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* 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 445, FINC 463, FINC 475, FINC 485, FINC 493, FINC 495; IB 449.

◈REVISE FINANCE MAJOR—ADD BUSINESS ANALYTICS DUAL CONCENTRATION

Rationale: The proposal is to permit finance majors the option of a dual concentration in business analytics. Finance majors pursuing this option would be better trained in statistical methods/analysis and thus better prepared for jobs in the area of investments, banking, and corporate finance where statistical skills are valued. Staffing Impact: None. Course taught by existing faculty. Impact on Other Academic Units: According to the Statistics and Operations Management Department, this would be resource neutral for them as it utilizes classes currently offered by the department. Class size/capacity is not seen as an issue. Financial Impact: None.

UTracK Requirements (for first-year students)
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 first-time, first-year, full-time, degree-seeking students entering Fall 2013. Returning, readmitted and transfer students will continue to follow the same program requirements outlined in their selected catalog.

Academic Plan

Term 1	**Hours**
[1,2]ENGL 101* or ENGL 118*	3
[3]Intermediate Foreign Language*	3
[4]MATH 123*, MATH 141*, or MATH 147*	3-4
[3]Natural Sciences Elective*	3-4
[3]Social Sciences Elective*	3
	15-17

Term 2	
CMST 210*, CMST 217*, CMST 240*, or CMST 247*	3
[1,2]ENGL 102*	3
[3]Intermediate Foreign Language*	3
[4]MATH 125*, MATH 142* or MATH 148*	3-4
[3]Natural Sciences Elective*	3-4
	15-17

Term 3	
ACCT 200 or ACCT 207	3
[3]Arts and Humanities Elective*	3
ECON 201* or ECON 207*	4
ENGL 255*, ENGL 257*, or ENGL 295*	3
[5]Unrestricted Elective	3
	16

Term 4	
[3]Arts and Humanities Elective*	3
BUAD 242	2
MGT 201	3
STAT 201* or STAT 207*	3
[5]Unrestricted Elective	3
	14

Term 5	
ACCT 301	3
BUAD 331, BUAD 332	4
BUAD 341, BUAD 342	4
FINC 301	3
[5]Unrestricted Elective	2
	16

Term 6	
BUAD 353, BUAD 361	6
FINC 425	3
STAT 320, STAT 340	6
	15

Term 7	
BUAD 205 or ECON 305 or MGT 311 or PHIL	3

Milestone Notes

Term 1
2.0 cumulative GPA

Term 2
2.5 cumulative GPA

Term 3
ACCT 200
ECON 201*
MATH 125* or MATH 141*

Term 4
CMST 210* or CMST 240*
ENGL 255* or ENGL 295*
MATH 123* or MATH 142*
STAT 201*

Term 5
BUAD 242

Term 6
2.5 cumulative GPA
BUAD 331, BUAD 332
FINC 301

Term 7
No milestones

244* or PHIL 252*		
BULW 301	2	
[3]Finance Elective	3	
STAT 471	3	
[5]Unrestricted Elective	3	
	14	
Term 8		**Term 8**
FINC 455	3	No milestones
MGT 402	3	
STAT 474	3	
[5]Unrestricted Electives	6	
	15	
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* 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* 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 elective chosen from FINC 402, FINC 435, FINC 445, FINC 463, FINC 475, FINC 485, FINC 493, FINC 495; IB 449.

REVISE FINANCE MAJOR—INTERNAL AUDITING DUAL CONCENTRATION

- Add introductory program text for UTracK
- Replace FINC 435 with an additional finance elective (FINC 402, FINC 435, FINC 445, FINC 463, FINC 475, FINC 485, FINC 493, FINC 495; IB 449)

Rationale: Removing Finance 435 as a required course will better serve finance majors and collateral options. Staffing Impact: None. Impact on Other Academic Units: None. Financial Impact: None.

UTracK Requirements (for first-year students)
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 first-time, first-year, full-time, degree-seeking students entering Fall 2013. Returning, readmitted and transfer students will continue to follow the same program requirements outlined in their selected catalog.

Academic Plan		**Milestone Notes**
Term 1	**Hours**	**Term 1**
[1,2]ENGL 101* or ENGL 118*	3	2.0 cumulative GPA
[3]Intermediate Foreign Language*	3	
[4]MATH 123*, MATH 141*, or MATH 147*	3-4	
[3]Natural Sciences Elective*	3-4	
[3]Social Sciences Elective*	3	
	15-17	
Term 2		**Term 2**
CMST 210*, CMST 217*, CMST 240*, or CMST 247*	3	2.5 cumulative GPA
[1,2]ENGL 102*	3	
[3]Intermediate Foreign Language*	3	
[4]MATH 125*, MATH 142* or MATH 148*	3-4	
[3]Natural Sciences Elective*	3-4	
	15-17	
Term 3		**Term 3**
ACCT 200 or ACCT 207	3	ACCT 200
[3]Arts and Humanities Elective*	3	ECON 201*
ECON 201* or ECON 207*	4	MATH 125* or MATH 141*
ENGL 255*, ENGL 257*, or ENGL 295*	3	
[5]Unrestricted Elective	3	
	16	
Term 4		**Term 4**
[3]Arts and Humanities Elective*	3	CMST 210* or CMST 240*

BUAD 242	2	ENGL 255* or ENGL 295*
MGT 201	3	MATH 123* or MATH 142*
STAT 201* or STAT 207*	3	STAT 201*
[5]Unrestricted Elective	3	
	14	
Term 5		**Term 5**
ACCT 301	3	BUAD 242
BUAD 331, BUAD 332	4	
BUAD 341, BUAD 342	4	
FINC 301	3	
[5]Unrestricted Elective	2	
	16	
Term 6		**Term 6**
ACCT 311	3	2.5 cumulative GPA
BUAD 353, BUAD 361	6	BUAD 331, BUAD 332
FINC 425	3	FINC 301
INMT 341	3	
	15	
Term 7		**Term 7**
ACCT 411	3	No milestones
BUAD 205 or ECON 305 or MGT 311 or PHIL 244* or PHIL 252*	3	
BULW 301	2	
[6]Finance Elective	3	
[5]Unrestricted Elective	3	
	14	
Term 8		**Term 8**
FINC 455	3	No milestones
[5]Finance Elective	3	
MGT 402	3	
[5]Unrestricted Electives	6	
	15	
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* 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* must be completed by the end of the first semester of the Second Year.
[5] Any courses not already required for the major. Students are encouraged to take ACCT 321.
[6] Finance electives chosen from FINC 402, FINC 435, FINC 445, FINC 463, FINC 475, FINC 485, FINC 493, FINC 495; IB 449.

REVISE FINANCE MAJOR—INTERNATIONAL BUSINESS DUAL CONCENTRATION

- Add introductory program text for UTracK
- Replace FINC 435 with a finance elective (FINC 402, FINC 435, FINC 445, FINC 463, FINC 475, FINC 485, FINC 493, FINC 495; IB 449)

Rationale: Removing Finance 435 as a required course will better serve finance majors and collateral options. Staffing Impact: None. Impact on Other Academic Units: None. Financial Impact: None.

UTracK Requirements (for first-year students)
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 first-time, first-year, full-time, degree-seeking students entering Fall 2013. Returning, readmitted and transfer students will continue to follow the same program requirements outlined in their selected catalog.

Academic Plan		**Milestone Notes**
Term 1	**Hours**	**Term 1**
[1,2]ENGL 101* or ENGL 118*	3	2.0 cumulative GPA
[3]Intermediate Foreign Language*	3	
[4]MATH 123*, MATH 141*, or MATH 147*	3-4	

[3]Natural Sciences Elective*	3-4	
[3]Social Sciences Elective*	3	
	15-17	
Term 2		**Term 2**
CMST 210*, CMST 217*, CMST 240*, or CMST 247*	3	2.5 cumulative GPA
[1,2]ENGL 102*	3	
[3]Intermediate Foreign Language*	3	
[4]MATH 125*, MATH 142* or MATH 148*	3-4	
[3]Natural Sciences Elective*	3-4	
	15-17	
Term 3		**Term 3**
[5]ACCT 200 or ACCT 207	3	ACCT 200
[3]Arts and Humanities Elective*	3	ECON 201*
[5]ECON 201* or ECON 207*	4	MATH 125* or MATH 141*
ENGL 255*, ENGL 257*, or ENGL 295*	3	
[6]Unrestricted Elective	3	
	16	
Term 4		**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	
	14	
Term 5		**Term 5**
ACCT 301	3	BUAD 242
[5]BUAD 331, [4]BUAD 332	4	
BUAD 341, BUAD 342	4	
[5]FINC 301	3	
[6]Unrestricted Elective	2	
	16	
Term 6		**Term 6**
BUAD 205 or ECON 305 or MGT 311 or PHIL 244* or PHIL 252*	3	2.5 cumulative GPA
[5]BUAD 353, BUAD 361	6	BUAD 331, BUAD 332
FINC 425	3	FINC 301
[6]Unrestricted Elective	3	
	15	
Term 7		**Term 7**
BULW 301	2	No milestones
[7]Finance Elective	3	
[8]International Business coursework	6	
[6]Unrestricted Elective	3	
	14	
Term 8		**Term 8**
FINC 455	3	No milestones
[8]International Business coursework	6	
[5]MGT 402	3	
[6]Unrestricted Elective	3	
	15	
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* 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* must be completed by the end of the first semester of the Second Year.

[5] Students admitted to Global Leadership Scholars will complete the honors versions of these courses – ACCT 207, ECON 207*, MGT 207, STAT 207*, FINC 307, BUAD 337, BUAD 338, BUAD 357, and MGT 407.

[6] 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] Finance elective chosen from FINC 402, FINC 435, FINC 445, FINC 463, FINC 475, FINC 485, FINC 493, FINC 495; IB 449.

[8] Twelve hours chosen from IB 409, IB 429, IB 439, IB 449, IB 459, IB 469, IB 492, BUAD 400 or MGT 472; and IB 489.

DEPARTMENT OF MANAGEMENT

REVISE DEPARTMENT AND PROGRAM TEXT

Human Resource Management
How an organization manages its human assets--its talent--may be the single most important factor in sustained competitive success. Human resource management requires attracting, developing, and maintaining an effective workforce within an organization. Human resource management professionals forecast human resource needs and recruit and select individuals to match job needs. They also develop training programs, performance appraisal procedures, and compensation systems. Human resource management education provides one the technical knowledge and training to immediately assume a position in human resources in a modern business. Human resource management professionals may also hold positions in government agencies or non-profit organizations.

Students interested in a career in human resource management will have a broad-based business education, which includes financial management, supply chain management ~~logistics~~, operations, human resources, business strategy, economics, and statistics. In addition, human resource management students will be grounded in the following areas: leadership, foundations of human resource management, acquiring talent, growing talent, and retaining talent.

Management
Managers motivate and coordinate people in order to achieve organizational goals. Management involves the critical functions of planning, organizing, leading, and controlling. Professional managers think strategically, and work with others to lead organizations or departments to successful outcomes.

Management education enables one to pursue varied career opportunities in organizations. Whether entering a management training program in a large organization, or working in a smaller organization assisting a department manager or supervisor, a career in management can start in many different parts of an organization. People who move into management positions are generally effective problem solvers and communicators. They are successful at organizing work and motivating others to accomplish tasks. Management education is also an excellent preparation for further graduate studies such as an MBA, or professional studies such as law school.

Students interested in a career in management will have a broad-based business education, which includes financial management, supply chain management ~~logistics~~, operations, human resources, business strategy, economics and statistics. In addition, management students will be grounded in the following areas: leadership, organizational behavior, human resource management, problem solving, and negotiation.

Rationale: The Logistics program has changed to Supply Chain Management reflecting the discipline's evolution to this broader perspective.
Impact on Other Academic Units: None. Financial Impact: None.

REVISE HUMAN RESOURCE MANAGEMENT MAJOR—COLLATERAL OPTION (UTRACK FORMAT ONLY)

- Add introductory program text for UTracK

UTracK Requirements (for first-year students)
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 first-time, first-year, full-time, degree-seeking students entering Fall 2013. Returning, readmitted and transfer students will continue to follow the same program requirements outlined in their selected catalog.

Academic Plan

Term 1	Hours
[1,2]ENGL 101* or ENGL 118*	3
[3]Intermediate Foreign Language*	3
[4]MATH 123*, MATH 141*, or MATH 147*	3-4
[3]Natural Sciences Elective*	3-4
[3]Social Sciences Elective*	3
	15-17

Term 2	
CMST 210*, CMST 217*, CMST 240*, or CMST 247*	3
[1,2]ENGL 102*	3
[3]Intermediate Foreign Language*	3
[4]MATH 125*, MATH 142* or MATH 148*	3-4
[3]Natural Sciences Elective*	3-4
	15-17

Term 3	
ACCT 200 or ACCT 207	3
[3]Arts and Humanities Elective*	3

Milestone Notes

Term 1
2.0 cumulative GPA

Term 2
2.5 cumulative GPA

Term 3
ACCT 200
ECON 201*

ECON 201* or ECON 207*	4	MATH 125* or MATH 141*
ENGL 255*, ENGL 257*, or ENGL 295*	3	
[5]Unrestricted Elective	3	
	16	
Term 4		**Term 4**
[3]Arts and Humanities Elective*	3	CMST 210* or CMST 240*
BUAD 242	2	ENGL 255* or ENGL 295*
MGT 201	3	MATH 123* or MATH 142*
STAT 201* or STAT 207*	3	STAT 201*
[5]Unrestricted Elective	3	
	14	
Term 5		**Term 5**
BUAD 331, BUAD 332	4	BUAD 242
BUAD 341, BUAD 342	4	
FINC 301	3	
MGT 331	3	
[5]Unrestricted Elective	2	
	16	
Term 6		**Term 6**
BUAD 353, BUAD 361	6	2.5 cumulative GPA
Collateral	3	BUAD 331, BUAD 332
HRM 360	3	
[5]Unrestricted Elective	3	
	15	
Term 7		**Term 7**
BUAD 205 or ECON 305 or MGT 311 or PHIL 244* or PHIL 252*	3	HRM 360
BULW 301	2	
Collateral	3	
HRM 480	3	
[5]Unrestricted Elective	3	
	14	
Term 8		**Term 8**
Collateral	3	No milestones
HRM 481, HRM 485	6	
MGT 402	3	
[5]Unrestricted Elective	3	
	15	
TOTAL	**120**	

Human Resource Management Collateral Options
ENTREPRENEURSHIP –MGT 350, MGT 451, MGT 460.
INFORMATION MANAGEMENT – INMT 341, INMT 342, and either INMT 442 or INMT 443.
INTERNATIONAL BUSINESS – Nine hours from IB 409, IB 429, IB 439, IB 449, IB 459, IB 469, IB 492, BUAD 400 or MGT 472; and IB 489.
MARKETING –MARK 340, MARK 350, MARK 360.

* 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* 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* must be completed by the end of the first semester of the Second Year.
[5] Any courses not already required for the major.

REVISE HUMAN RESOURCE MANAGEMENT MAJOR—INTERNATIONAL BUSINESS DUAL CONC (UTRACK FORMAT ONLY)

- Add introductory program text for UTracK

UTracK Requirements (for first-year students)
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 first-time, first-year, full-time, degree-seeking students entering Fall 2013. Returning, readmitted and transfer students will continue to follow the same program requirements outlined in their selected catalog.

Academic Plan		Milestone Notes
Term 1	**Hours**	**Term 1**
[1,2]ENGL 101* or ENGL 118*	3	2.0 cumulative GPA
[3]Intermediate Foreign Language*	3	
[4]MATH 123*, MATH 141*, or MATH 147*	3-4	
Natural Sciences Elective*	3-4	
Social Sciences Elective*	3	
	15-17	
Term 2		**Term 2**
CMST 210*, CMST 217*, CMST 240*, or CMST 247*	3	2.5 cumulative GPA
[1,2]ENGL 102*	3	
[3]Intermediate Foreign Language*	3	
[4]MATH 125*, MATH 142* or MATH 148*	3-4	
[3]Natural Sciences Elective*	3-4	
	15-17	
Term 3		**Term 3**
[5]ACCT 200 or ACCT 207	3	ACCT 200
[3]Arts and Humanities Elective*	3	ECON 201*
[5]ECON 201* or ECON 207*	4	MATH 125* or MATH 141*
ENGL 255*, ENGL 257*, or ENGL 295*	3	
[6]Unrestricted Elective	3	
	16	
Term 4		**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	
	14	
Term 5		**Term 5**
BUAD 205 or ECON 305 or MGT 311 or PHIL 244* or PHIL 252*	3	BUAD 242
[5]BUAD 331, [4]BUAD 332	4	
BUAD 341, BUAD 342	4	
[5]FINC 301	3	
[6]Unrestricted Elective	2	
	16	
Term 6		**Term 6**
[5]BUAD 353, BUAD 361	6	2.5 cumulative GPA
BULW 301	2	BUAD 331, BUAD 332
HRM 360	3	
[6]Unrestricted Elective	3	
	14	
Term 7		**Term 7**
HRM 480	3	HRM 360
[7]International Business coursework	9	
[6]Unrestricted Elective	3	
	15	
Term 8		**Term 8**
HRM 481, HRM 485	6	No milestones
[7]International Business coursework	3	
[5]MGT 402	3	
[6]Unrestricted Elective	3	
	15	
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* 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* must be completed by the end of the first semester of the Second Year.

[5] Students admitted to Global Leadership Scholars will complete the honors versions of these courses – ACCT 207, ECON 207*, MGT 207, STAT 207*, FINC 307, BUAD 337, BUAD 338, BUAD 357, and MGT 407.
[6] 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] Twelve hours chosen from IB 409, IB 429, IB 439, IB 449, IB 459, IB 469, IB 492, BUAD 400 or MGT 472; and IB 489.

◈REVISE MANAGEMENT MAJOR—COLLATERAL OPTION

- Add introductory program text for UTracK
- Add Economics Collateral Option— ECON 312, ECON 381, and one of ECON 421, ECON 435, ECON 471, ECON 472.

Rationale: To provide greater options to the management major in their career preparation. Staffing Impact: None. Impact on Other Academic Units: None. Financial Impact: None.

UTracK Requirements (for first-year students)
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 first-time, first-year, full-time, degree-seeking students entering Fall 2013. Returning, readmitted and transfer students will continue to follow the same program requirements outlined in their selected catalog.

Academic Plan

Term 1	**Hours**
[1,2]ENGL 101* or ENGL 118*	3
[3]Intermediate Foreign Language*	3
[4]MATH 123*, MATH 141*, or MATH 147*	3-4
[3]Natural Sciences Elective*	3-4
[3]Social Sciences Elective*	3
	15-17

Term 2	
CMST 210*, CMST 217*, CMST 240*, or CMST 247*	3
[1,2]ENGL 102*	3
[3]Intermediate Foreign Language*	3
[4]MATH 125*, MATH 142* or MATH 148*	3-4
[3]Natural Sciences Elective*	3-4
	15-17

Term 3	
ACCT 200 or ACCT 207	3
[3]Arts and Humanities Elective*	3
ECON 201* or ECON 207*	4
ENGL 255*, ENGL 257*, or ENGL 295*	3
[5]Unrestricted Elective	3
	16

Term 4	
[3]Arts and Humanities Elective*	3
BUAD 242	2
MGT 201	3
STAT 201* or STAT 207*	3
[5]Unrestricted Elective	3
	14

Term 5	
BUAD 331, BUAD 332	4
BUAD 341, BUAD 342	4
FINC 301	3
MGT 331	3
[5]Unrestricted Elective	2
	16

Term 6	
BUAD 353, BUAD 361	6
Collateral	3
MGT 336	3
[5]Unrestricted Elective	3
	15

Milestone Notes

Term 1
2.0 cumulative GPA

Term 2
2.5 cumulative GPA

Term 3
ACCT 200
ECON 201*
MATH 125* or MATH 141*

Term 4
CMST 210* or CMST 240*
ENGL 255* or ENGL 295*
MATH 123* or MATH 142*
STAT 201*

Term 5
BUAD 242

Term 6
2.5 cumulative GPA
BUAD 331, BUAD 332

Term 7	
BUAD 205 or ECON 305 or MGT 311 or PHIL 244* or PHIL 252*	3
BULW 301	2
Collateral	3
HRM 360	3
[5]Unrestricted Elective	3
	14

Term 7
No milestones

Term 8	
Collateral	3
MGT 402, MGT 430, MGT 435	9
[5]Unrestricted Elective	3
	15
TOTAL	**120**

Term 8
No milestones

Management Collateral Options
ECONOMICS – ECON 312, ECON 381, and one of ECON 421, ECON 435, ECON 471, ECON 472.
ENTREPRENEURSHIP – MGT 350, MGT 451, MGT 460.
HUMAN RESOURCE MANAGEMENT – HRM 480, HRM 481, HRM 485.
INFORMATION MANAGEMENT – INMT 341, INMT 342; and either INMT 442 or INMT 443.
INTERNATIONAL BUSINESS – Nine hours from: IB 409, IB 429, IB 439, IB 449, IB 459, IB 469, IB 492, BUAD 400 or MGT 472; and IB 489.
MARKETING – MARK 340, MARK 350, MARK 360.
RESOURCE MANAGEMENT – ACCT 301, ACCT 321; FINC 425.

* 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* 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* must be completed by the end of the first semester of the Second Year.
[5] Any courses not already required for the major.

REVISE MANAGEMENT MAJOR—INTERNATIONAL BUSINESS DUAL CONCENTRATION (UTRACK FORMAT ONLY)

- Add introductory program text for UTracK

UTracK Requirements (for first-year students)
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 first-time, first-year, full-time, degree-seeking students entering Fall 2013. Returning, readmitted and transfer students will continue to follow the same program requirements outlined in their selected catalog.

Academic Plan

Term 1	Hours
[1,2]ENGL 101* or ENGL 118*	3
[3]Intermediate Foreign Language*	3
[4]MATH 123*, MATH 141*, or MATH 147*	3-4
[3]Natural Sciences Elective*	3-4
[3]Social Sciences Elective*	3
	15-17

Milestone Notes

Term 1
2.0 cumulative GPA

Term 2	
CMST 210*, CMST 217*, CMST 240*, or CMST 247*	3
[1,2]ENGL 102*	3
[3]Intermediate Foreign Language*	3
[4]MATH 125*, MATH 142* or MATH 148*	3-4
[3]Natural Sciences Elective*	3-4
	15-17

Term 2
2.5 cumulative GPA

Term 3	
[5]ACCT 200 or ACCT 207	3
[3]Arts and Humanities Elective*	3
[5]ECON 201* or ECON 207*	4
ENGL 255*, ENGL 257*, or ENGL 295*	3
[6]Unrestricted Elective	3

Term 3
ACCT 200
ECON 201*
MATH 125* or MATH 141*

		16	
Term 4			**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		
		14	
Term 5			**Term 5**
[5]BUAD 331, [4]BUAD 332	4		BUAD 242
BUAD 341, BUAD 342	4		
[5]FINC 301	3		
MGT 331	3		
[6]Unrestricted Elective	2		
		16	
Term 6			**Term 6**
[5]BUAD 353, BUAD 361	6		2.5 cumulative GPA
HRM 360	3		BUAD 331, BUAD 332
MGT 336	3		
[6]Unrestricted Elective	3		
		15	
Term 7			**Term 7**
BUAD 205 or ECON 305 or MGT 311 or PHIL 244* or PHIL 252*	3		No milestones
BULW 301	2		
[7]International Business coursework	6		
[6]Unrestricted Elective	3		
		14	
Term 8			**Term 8**
[7]International Business coursework	6		No milestones
[5]MGT 402	3		
MGT 430 or 435	3		
[6]Unrestricted Elective	3		
		15	
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* 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* must be completed by the end of the first semester of the Second Year.
[5] Students admitted to Global Leadership Scholars will complete the honors versions of these courses – ACCT 207, ECON 207*, MGT 207, STAT 207*, FINC 307, BUAD 337, BUAD 338, BUAD 357, and MGT 407.
[6] 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] Twelve hours chosen from IB 409, IB 429, IB 439, IB 449, IB 459, IB 469, IB 492, BUAD 400 or MGT 472; and IB 489.

REVISE PUBLIC ADMINISTRATION MAJOR (UTRACK FORMAT ONLY)

- Add introductory program text for UTracK

UTracK Requirements (for first-year students)
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 first-time, first-year, full-time, degree-seeking students entering Fall 2013. Returning, readmitted and transfer students will continue to follow the same program requirements outlined in their selected catalog.

Academic Plan		**Milestone Notes**
Term 1	**Hours**	**Term 1**
[1,2]ENGL 101* or ENGL 118*	3	2.0 cumulative GPA
[3]Intermediate Foreign Language*	3	
[4]MATH 123*, MATH 141*, or MATH 147*	3-4	

Natural Sciences Elective*	3-4	
Social Sciences Elective*	3	
	15-17	
Term 2		**Term 2**
CMST 210*, CMST 217*, CMST 240*, or CMST 247*	3	2.5 cumulative GPA
[1,2]ENGL 102*	3	
[3]Intermediate Foreign Language*	3	
[4]MATH 125*, MATH 142* or MATH 148*	3-4	
[3]Natural Sciences Elective*	3-4	
	15-17	
Term 3		**Term 3**
ACCT 200 or ACCT 207	3	ACCT 200
[3]Arts and Humanities Elective*	3	ECON 201*
ECON 201* or ECON 207*	4	MATH 125* or MATH 141*
ENGL 255*, ENGL 257*, or ENGL 295*	3	
[5]Unrestricted Elective	3	
	16	
Term 4		**Term 4**
[3]Arts and Humanities Elective*	3	CMST 210* or CMST 240*
BUAD 242	2	ENGL 255* or ENGL 295*
MGT 201	3	MATH 123* or MATH 142*
STAT 201* or STAT 207*	3	STAT 201*
[5]Unrestricted Elective	3	
	14	
Term 5		**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	
[5]Unrestricted Elective	2	
	16	
Term 6		**Term 6**
BUAD 353, BUAD 361	6	2.5 cumulative GPA
ECON 312	3	BUAD 331, BUAD 332
POLS 340	3	ECON 312
[5]Unrestricted Elective	3	
	15	
Term 7		**Term 7**
BULW 301	2	No milestones
ECON 471	3	
[6]Economics or Political Science Elective	3	
POLS 441	3	
[5]Unrestricted Elective	3	
	14	
Term 8		**Term 8**
ECON 472	3	No milestones
[6]Economics or Political Science Electives	6	
MGT 402	3	
[5]Unrestricted Elective	3	
	15	
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* 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* must be completed by the end of the first semester of the Second Year.

[5] Any courses not already required for the major.

[6] Chosen from any three upper-division economics or political science courses.

DEPARTMENT OF MARKETING AND SUPPLY CHAIN MANAGEMENT

REVISE DEPARTMENT AND PROGRAM TEXT

Supply Chain Management ~~**Logistics**~~
Supply chain management ~~Logistics~~ 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 ~~logistics~~ plays a critical role in a firm's comprehensive supply chain. A career in supply chain management ~~logistics~~ offers students the opportunity to make a significant contribution to corporate effectiveness in this area.

The internationally recognized Supply Chain Management ~~logistics~~ 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 ~~logistics~~ professionals as well as learn how supply chain management ~~logistics~~ helps solve business ~~supply chain management~~ problems.

Marketing
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 ~~logistics~~, 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.

◈DROP:

LOGISTICS MAJOR—COLLATERAL OPTION, BSBA
LOGISTICS MAJOR—BUSINESS ANALYTICS DUAL CONCENTRATION, BSBA
LOGISTICS MAJOR—INFORMATION MANAGEMENT DUAL CONCENTRATION, BSBA
LOGISTICS MAJOR—INTERNAL AUDITING DUAL CONCENTRATION, BSBA
LOGISTICS MAJOR—INTERNATIONAL BUSINESS DUAL CONCENTRATION, BSBA
LOGISTICS MAJOR—MARKETING DUAL CONCENTRATION, BSBA

◈ADD:

SUPPLY CHAIN MANAGEMENT MAJOR—COLLATERAL OPTION, BSBA
SUPPLY CHAIN MANAGEMENT MAJOR—BUSINESS ANALYTICS DUAL CONCENTRATION, BSBA
SUPPLY CHAIN MANAGEMENT MAJOR—INFORMATION MANAGEMENT DUAL CONCENTRATION, BSBA
SUPPLY CHAIN MANAGEMENT MAJOR—INTERNAL AUDITING DUAL CONCENTRATION, BSBA
SUPPLY CHAIN MANAGEMENT MAJOR—INTERNATIONAL BUSINESS DUAL CONCENTRATION, BSBA
SUPPLY CHAIN MANAGEMENT MAJOR—MARKETING DUAL CONCENTRATION, BSBA

Rationale: The name better reflects the program's intended emphasis. It also better reflects the career path for which we are preparing these students. Impact on Other Academic Units: Accounting and Information Management, Marketing and Logistics, Economics, Statistics, Operations and Management Science. Financial Impact: None.

◈ADD SUPPLY CHAIN MANAGEMENT MAJOR—COLLATERAL OPTION

- Add introductory program text for UTracK
- Change name from Logistics to Supply Chain Management
- Change LOG 310 (3 hrs) to SCM 310 (6 hrs)
- Drop LOG 411 (3 hrs) and LOG 421 (3 hrs)
- Drop LOG 412 or LOG 413 (3 hrs)
- Change LOG 460 (3 hrs) to SCM 460 (3 hrs)
- Add two supply chain management electives—SCM 411, SCM 412, SCM 413, SCM 421 (6 hrs)

Rationale: The Logistics program has changed to Supply Chain Management reflecting the discipline's evolution to this broader perspective. Impact on Other Academic Units: None. Financial Impact: None.

UTracK Requirements (for first-year students)
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 first-time, first-year, full-time, degree-seeking students entering Fall 2013. Returning, readmitted and transfer students will continue to follow the same program requirements outlined in their selected catalog.

Academic Plan		Milestone Notes
Term 1	**Hours**	**Term 1**
[1,2]ENGL 101* or ENGL 118*	3	2.0 cumulative GPA
[3]Intermediate Foreign Language*	3	
[4]MATH 123*, MATH 141*, or MATH 147*	3-4	
[3]Natural Sciences Elective*	3-4	
[3]Social Sciences Elective*	3	
	15-17	
Term 2		**Term 2**
CMST 210*, CMST 217*, CMST 240*, or CMST 247*	3	2.5 cumulative GPA
[1,2]ENGL 102*	3	
[3]Intermediate Foreign Language*	3	
[4]MATH 125*, MATH 142* or MATH 148*	3-4	
[3]Natural Sciences Elective*	3-4	
	15-17	
Term 3		**Term 3**
ACCT 200 or ACCT 207	3	ACCT 200
[3]Arts and Humanities Elective*	3	ECON 201*
ECON 201* or ECON 207*	4	MATH 125* or MATH 141*
ENGL 255*, ENGL 257*, or ENGL 295*	3	
[5]Unrestricted Elective	3	
	16	
Term 4		**Term 4**
[3]Arts and Humanities Elective*	3	CMST 210* or CMST 240*
BUAD 242	2	ENGL 255* or ENGL 295*
MGT 201	3	MATH 123* or MATH 142*
STAT 201* or STAT 207*	3	STAT 201*
[5]Unrestricted Elective	3	
	14	
Term 5		**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	
[5]Unrestricted Elective	2	
	16	
Term 6		**Term 6**
BUAD 353, BUAD 361	6	2.5 cumulative GPA
Collateral	3	SCM 310
SCM 310	6	
	15	
Term 7		**Term 7**
BULW 301	2	No milestones
Collateral	3	
SCM 411 or SCM 412 or SCM 413 or SCM 421 (select two)	6	
[5]Unrestricted Elective	3	
	14	
Term 8		**Term 8**
Collateral	3	No milestones
MGT 402	3	
SCM 460	3	
[5]Unrestricted Electives	6	
	15	
TOTAL	**120**	

Supply Chain Management Collateral Options
ECONOMICS – ECON 312, ECON 435, and one 400-level economics elective.

ENTREPRENEURSHIP - MGT 331, MGT 350, MGT 451.
HUMAN RESOURCE MANAGEMENT – MGT 331, HRM 360, HRM 481.
INFORMATION MANAGEMENT – INMT 341, INMT 342, and either INMT 442 or INMT 443.
INTERNATIONAL BUSINESS – Nine hours from: IB 409, IB 429, IB 439, IB 449, IB 459, IB 469, IB 492, BUAD 400 or MGT 472; and IB 489.
MARKETING – MARK 340, MARK 350, MARK 360.

* 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* 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* must be completed by the end of the first semester of the Second Year.
[5] Any courses not already required for the major.

◈ADD SUPPLY CHAIN MANAGEMENT MAJOR—BUSINESS ANALYTICS DUAL CONCENTRATION

- Add introductory program text for UTracK
- Change name from Logistics to Supply Chain Management
- Change LOG 310 (3 hrs) to SCM 310 (6 hrs)
- Drop LOG 411 (3 hrs) and LOG 460 (3 hrs)
- Drop LOG 413 or LOG 421 (3 hrs)
- Add two supply chain management electives—SCM 411, SCM 412, SCM 413, SCM 421 (6 hrs)
- Drop OMS 331 (3 hrs) as an option with STAT 340

Rationale: The Logistics program has changed to Supply Chain Management reflecting the discipline's evolution to this broader perspective. OMS 331 is being dropped this year. Impact on Other Academic Units: None. Financial Impact: None.

UTracK Requirements (for first-year students)
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 first-time, first-year, full-time, degree-seeking students entering Fall 2013. Returning, readmitted and transfer students will continue to follow the same program requirements outlined in their selected catalog.

Academic Plan

Term 1	Hours
[1,2]ENGL 101* or ENGL 118*	3
[3]Intermediate Foreign Language*	3
[4]MATH 123*, MATH 141*, or MATH 147*	3-4
[3]Natural Sciences Elective*	3-4
[3]Social Sciences Elective*	3
	15-17

Term 2	
CMST 210*, CMST 217*, CMST 240*, or CMST 247*	3
[1,2]ENGL 102*	3
[3]Intermediate Foreign Language*	3
[4]MATH 125*, MATH 142* or MATH 148*	3-4
[3]Natural Sciences Elective*	3-4
	15-17

Term 3	
ACCT 200 or ACCT 207	3
[3]Arts and Humanities Elective*	3
ECON 201* or ECON 207*	4
ENGL 255*, ENGL 257*, or ENGL 295*	3
[5]Unrestricted Elective	3
	16

Term 4	
[3]Arts and Humanities Elective*	3
BUAD 242	2
MGT 201	3
STAT 201* or STAT 207*	3
[5]Unrestricted Elective	3

Milestone Notes

Term 1
2.0 cumulative GPA

Term 2
2.5 cumulative GPA

Term 3
ACCT 200
ECON 201*
MATH 125* or MATH 141*

Term 4
CMST 210* or CMST 240*
ENGL 255* or ENGL 295*
MATH 123* or MATH 142*
STAT 201*

	14		
Term 5		**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		
[5]Unrestricted Elective	2		
	16		
Term 6		**Term 6**	
BUAD 353, BUAD 361	6	2.5 cumulative GPA	
SCM 310	6	SCM 310	
STAT 320	3	STAT 320	
	15		
Term 7		**Term 7**	
BULW 301	2	No milestones	
Collateral	3		
SCM 411 or SCM 412 or SCM 413 or SCM 421	6		
STAT 471	3		
	14		
Term 8		**Term 8**	
MGT 402	3	No milestones	
STAT 340, STAT 474	6		
[5]Unrestricted Electives	6		
	15		
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* 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* must be completed by the end of the first semester of the Second Year.
[5] Any courses not already required for the major.

◈ADD SUPPLY CHAIN MANAGEMENT MAJOR—INFORMATION MANAGEMENT DUAL CONCENTRATION

- Add introductory program text for UTracK
- Change name from Logistics to Supply Chain Management
- Change LOG 310 (3 hrs) to SCM 310 (6 hrs)
- Drop LOG 411 (3 hrs) and LOG 460 (3 hrs)
- Drop LOG 413 or LOG 421 (3 hrs)
- Add two supply chain management electives—SCM 411, SCM 412, SCM 413, SCM 421 (6 hrs)

Rationale: The Logistics program has changed to Supply Chain Management reflecting the discipline's evolution to this broader perspective. Impact on Other Academic Units: None. Financial Impact: None.

UTracK Requirements (for first-year students)
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 first-time, first-year, full-time, degree-seeking students entering Fall 2013. Returning, readmitted and transfer students will continue to follow the same program requirements outlined in their selected catalog.

Academic Plan		**Milestone Notes**	
Term 1	**Hours**	**Term 1**	
[1,2]ENGL 101* or ENGL 118*	3	2.0 cumulative GPA	
[3]Intermediate Foreign Language*	3		
[4]MATH 123*, MATH 141*, or MATH 147*	3-4		
[3]Natural Sciences Elective*	3-4		
[3]Social Sciences Elective*	3		
	15-17		
Term 2		**Term 2**	
CMST 210*, CMST 217*, CMST 240*, or CMST 247*	3	2.5 cumulative GPA	

[1,2]ENGL 102*	3	
[3]Intermediate Foreign Language*	3	
[4]MATH 125*, MATH 142* or MATH 148*	3-4	
[3]Natural Sciences Elective*	3-4	
	15-17	
Term 3		**Term 3**
ACCT 200 or ACCT 207	3	ACCT 200
[3]Arts and Humanities Elective*	3	ECON 201*
ECON 201* or ECON 207*	4	MATH 125* or MATH 141*
ENGL 255*, ENGL 257*, or ENGL 295*	3	
[5]Unrestricted Elective	3	
	16	
Term 4		**Term 4**
[3]Arts and Humanities Elective*	3	CMST 210* or CMST 240*
BUAD 242	2	ENGL 255* or ENGL 295*
MGT 201	3	MATH 123* or MATH 142*
STAT 201* or STAT 207*	3	STAT 201*
[5]Unrestricted Elective	3	
	14	
Term 5		**Term 5**
BUAD 331, BUAD 332	4	BUAD 242
BUAD 341, BUAD 342	4	
FINC 301	3	
INMT 341	3	
[5]Unrestricted Elective	2	
	16	
Term 6		**Term 6**
BUAD 353, BUAD 361	6	2.5 cumulative GPA
INMT 342	3	INMT 341
SCM 310	6	SCM 310
	15	
Term 7		**Term 7**
BULW 301	2	No milestones
INMT 442	3	
SCM 411 or SCM 412 or SCM 413 or SCM 421	3	
[5]Unrestricted Electives	6	
	14	
Term 8		**Term 8**
BUAD 205 or ECON 305 or MGT 311 or PHIL 244* or PHIL 252*	3	No milestones
INMT 443	3	
MGT 402	3	
SCM 411 or SCM 412 or SCM 413 or SCM 421	3	
[5]Unrestricted Elective	3	
	15	
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* 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* must be completed by the end of the first semester of the Second Year.

[5] Any courses not already required for the major.

◈ADD SUPPLY CHAIN MANAGEMENT MAJOR—INTERNAL AUDITING DUAL CONCENTRATION

- Add introductory program text for UTracK
- Change name from Logistics to Supply Chain Management
- Change LOG 310 (3 hrs) to SCM 310 (6 hrs)
- Drop LOG 411 (3 hrs) and LOG 460 (3 hrs)
- Drop LOG 413 or LOG 421 (3 hrs)
- Add two supply chain management electives—SCM 411, SCM 412, SCM 413, SCM 421 (6 hrs)

Rationale: The Logistics program has changed to Supply Chain Management reflecting the discipline's evolution to this broader perspective. Impact on Other Academic Units: None. Financial Impact: None.

UTracK Requirements (for first-year students)

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 first-time, first-year, full-time, degree-seeking students entering Fall 2013. Returning, readmitted and transfer students will continue to follow the same program requirements outlined in their selected catalog.

Academic Plan		Milestone Notes
Term 1	**Hours**	**Term 1**
[1,2]ENGL 101* or ENGL 118*	3	2.0 cumulative GPA
[3]Intermediate Foreign Language*	3	
[4]MATH 123*, MATH 141*, or MATH 147*	3-4	
[3]Natural Sciences Elective*	3-4	
[3]Social Sciences Elective*	3	
	15-17	
Term 2		**Term 2**
CMST 210*, CMST 217*, CMST 240*, or CMST 247*	3	2.5 cumulative GPA
[1,2]ENGL 102*	3	
[3]Intermediate Foreign Language*	3	
[4]MATH 125*, MATH 142* or MATH 148*	3-4	
[3]Natural Sciences Elective*	3-4	
	15-17	
Term 3		**Term 3**
ACCT 200 or ACCT 207	3	ACCT 200
[3]Arts and Humanities Elective*	3	ECON 201*
ECON 201* or ECON 207*	4	MATH 125* or MATH 141*
ENGL 255*, ENGL 257*, or ENGL 295*	3	
[5]Unrestricted Elective	3	
	16	
Term 4		**Term 4**
[3]Arts and Humanities Elective*	3	CMST 210* or CMST 240*
BUAD 242	2	ENGL 255* or ENGL 295*
MGT 201	3	MATH 123* or MATH 142*
STAT 201* or STAT 207*	3	STAT 201*
[5]Unrestricted Elective	3	
	14	
Term 5		**Term 5**
ACCT 301	3	BUAD 242
BUAD 331, BUAD 332	4	
BUAD 341, BUAD 342	4	
FINC 301	3	
[5]Unrestricted Elective	2	
	16	
Term 6		**Term 6**
ACCT 311	3	2.5 cumulative GPA
BUAD 353, BUAD 361	6	SCM 310
SCM 310	6	
	15	
Term 7		**Term 7**
ACCT 411	3	ACCT 301
BUAD 205 or ECON 305 or MGT 311 or PHIL 244* or PHIL 252*	3	
BULW 301	2	
SCM 411 or SCM 412 or SCM 413 or SCM 421	3	
[5]Unrestricted Elective	3	
	14	
Term 8		**Term 8**
INMT 341	3	No milestones
MGT 402	3	
SCM 411 or SCM 412 or SCM 413 or SCM 421	3	
[5]Unrestricted Electives	6	
	15	
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* 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* must be completed by the end of the first semester of the Second Year.
[5] Any courses not already required for the major. Students are encouraged to take ACCT 321.

◈ADD SUPPLY CHAIN MANAGEMENT MAJOR—INTERNATIONAL BUSINESS DUAL CONCENTRATION

- Add introductory program text for UTracK
- Change name from Logistics to Supply Chain Management
- Change LOG 310 (3 hrs) to SCM 310 (6 hrs)
- Drop LOG 411 (3 hrs) and LOG 460 (3 hrs)
- Drop LOG 413 or LOG 421 (3 hrs)
- Add two supply chain management electives—SCM 411, SCM 412, SCM 413, SCM 421 (6 hrs)

Rationale: The Logistics program has changed to Supply Chain Management reflecting the discipline's evolution to this broader perspective. Impact on Other Academic Units: None. Financial Impact: None.

UTracK Requirements (for first-year students)
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 first-time, first-year, full-time, degree-seeking students entering Fall 2013. Returning, readmitted and transfer students will continue to follow the same program requirements outlined in their selected catalog.

Academic Plan		Milestone Notes
Term 1	**Hours**	**Term 1**
[1,2]ENGL 101* or ENGL 118*	3	2.0 cumulative GPA
Intermediate Foreign Language*	3	
[4]MATH 123*, MATH 141*, or MATH 147*	3-4	
[3]Natural Sciences Elective*	3-4	
[3]Social Sciences Elective*	3	
	15-17	
Term 2		**Term 2**
CMST 210*, CMST 217*, CMST 240*, or CMST 247*	3	2.5 cumulative GPA
[1,2]ENGL 102*	3	
[3]Intermediate Foreign Language*	3	
[4]MATH 125*, MATH 142* or MATH 148*	3-4	
[3]Natural Sciences Elective*	3-4	
	15-17	
Term 3		**Term 3**
[5]ACCT 200 or ACCT 207	3	ACCT 200
[3]Arts and Humanities Elective*	3	ECON 201*
[5]ECON 201* or ECON 207*	4	MATH 125* or MATH 141*
ENGL 255*, ENGL 257*, or ENGL 295*	3	
[6]Unrestricted Elective	3	
	16	
Term 4		**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	
	14	
Term 5		**Term 5**
BUAD 205 or ECON 305 or MGT 311 or PHIL 244* or PHIL 252*	3	BUAD 242
[5]BUAD 331, [4]BUAD 332	4	
BUAD 341, BUAD 342	4	
[5]FINC 301	3	
[6]Unrestricted Elective	2	

	16	
Term 6		**Term 6**
[5]BUAD 353, BUAD 361	6	2.5 cumulative GPA
BULW 301	2	SCM 310
SCM 310	6	
	14	
Term 7		**Term 7**
[7]International Business coursework	9	No milestones
[6]Unrestricted Electives	6	
	15	
Term 8		**Term 8**
[7]International Business coursework	3	No milestones
[5]MGT 402	3	
SCM 411 or SCM 412 or SCM 413 or SCM 421	6	
[6]Unrestricted Elective	3	
	15	
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* 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* must be completed by the end of the first semester of the Second Year.
[5] Students admitted to Global Leadership Scholars will complete the honors versions of these courses – ACCT 207, ECON 207*, MGT 207, STAT 207*, FINC 307, BUAD 337, BUAD 338, BUAD 357, and MGT 407.
[6] 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] Twelve hours chosen from IB 409, IB 429, IB 439, IB 449, IB 459, IB 469, IB 492, BUAD 400 or MGT 472; and IB 489.

◈ADD SUPPLY CHAIN MANAGEMENT MAJOR—MARKETING DUAL CONCENTRATION

- Add introductory program text for UTracK
- Change name from Logistics to Supply Chain Management
- Change LOG 310 (3 hrs) to SCM 310 (6 hrs)
- Drop LOG 411 (3 hrs) and LOG 460 (3 hrs)
- Drop LOG 413 or LOG 421 (3 hrs)
- Add two supply chain management electives—SCM 411, SCM 412, SCM 413, SCM 421 (6 hrs)

Rationale: The Logistics program has changed to Supply Chain Management reflecting the discipline's evolution to this broader perspective. Impact on Other Academic Units: None. Financial Impact: None.

UTracK Requirements (for first-year students)
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 first-time, first-year, full-time, degree-seeking students entering Fall 2013. Returning, readmitted and transfer students will continue to follow the same program requirements outlined in their selected catalog.

Academic Plan		**Milestone Notes**
Term 1	**Hours**	**Term 1**
[1,2]ENGL 101* or ENGL 118*	3	2.0 cumulative GPA
[3]Intermediate Foreign Language*	3	
[4]MATH 123*, MATH 141*, or MATH 147*	3-4	
[3]Natural Sciences Elective*	3-4	
[3]Social Sciences Elective*	3	
	15-17	
Term 2		**Term 2**
CMST 210*, CMST 217*, CMST 240*, or CMST 247*	3	2.5 cumulative GPA
[1,2]ENGL 102*	3	
[3]Intermediate Foreign Language*	3	
[4]MATH 125*, MATH 142* or MATH 148*	3-4	
[3]Natural Sciences Elective*	3-4	
	15-17	

Term 3	
ACCT 200 or ACCT 207	3
[3]Arts and Humanities Elective*	3
ECON 201* or ECON 207*	4
ENGL 255*, ENGL 257*, or ENGL 295*	3
[5]Unrestricted Elective	3
	16

Term 3
ACCT 200
ECON 201*
MATH 125* or MATH 141*

Term 4	
[3]Arts and Humanities Elective*	3
BUAD 242	2
MGT 201	3
STAT 201* or STAT 207*	3
[5]Unrestricted Elective	3
	14

Term 4
CMST 210* or CMST 240*
ENGL 255* or ENGL 295*
MATH 123* or MATH 142*
STAT 201*

Term 5	
BUAD 205 or ECON 305 or MGT 311 or PHIL 244* or PHIL 252*	3
BUAD 331, BUAD 332	4
BUAD 341, BUAD 342	4
FINC 301	3
[5]Unrestricted Elective	2
	16

Term 5
BUAD 242

Term 6	
BUAD 353, BUAD 361	6
MARK 340, MARK 350	6
[5]Unrestricted Elective	3
	15

Term 6
2.5 cumulative GPA

Term 7	
BULW 301	2
MARK 360	3
SCM 310	6
[5]Unrestricted Elective	3
	14

Term 7
SCM 310

Term 8	
MARK 460	3
MGT 402	3
SCM 411 or SCM 412 or SCM 413 or SCM 421	6
[5]Unrestricted Elective	3
	15
TOTAL	**120**

Term 8
No milestones

* 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* 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* must be completed by the end of the first semester of the Second Year.
[5] Any courses not already required for the major.

◈REVISE MARKETING MAJOR—COLLATERAL OPTION

- Add introductory program text for UTracK
- Revise Logistics Collateral Option
  - 0 Change name to Supply Chain Management
  - 0 Change LOG 310 (3 hrs) to SCM 310 (6 hrs)
  - 0 Drop LOG 411 (3 hrs) and LOG 421 (3 hrs)
  - 0 Add one logistics elective—SCM 411, SCM 412, SCM 413, SCM 421 (3 hrs)

Rationale: The Logistics program has changed to Supply Chain Management reflecting the discipline's evolution to this broader perspective. Impact on Other Academic Units: None. Financial Impact: None.

UTracK Requirements (for first-year students)
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 first-time, first-year, full-time, degree-seeking students entering Fall 2013. Returning, readmitted and transfer students will continue to follow the same program requirements outlined in their selected catalog.

Academic Plan		Milestone Notes
Term 1	**Hours**	**Term 1**
[1,2]ENGL 101* or ENGL 118*	3	2.0 cumulative GPA
[3]Intermediate Foreign Language*	3	
[4]MATH 123*, MATH 141*, or MATH 147*	3-4	
[3]Natural Sciences Elective*	3-4	
[3]Social Sciences Elective*	3	
	15-17	
Term 2		**Term 2**
CMST 210*, CMST 217*, CMST 240*, or CMST 247*	3	2.5 cumulative GPA
[1,2]ENGL 102*	3	
[3]Intermediate Foreign Language*	3	
[4]MATH 125*, MATH 142* or MATH 148*	3-4	
[3]Natural Sciences Elective*	3-4	
	15-17	
Term 3		**Term 3**
ACCT 200 or ACCT 207	3	ACCT 200
[3]Arts and Humanities Elective*	3	ECON 201*
ECON 201* or ECON 207*	4	MATH 125* or MATH 141*
ENGL 255*, ENGL 257*, or ENGL 295*	3	
[5]Unrestricted Elective	3	
	16	
Term 4		**Term 4**
[3]Arts and Humanities Elective*	3	CMST 210* or CMST 240*
BUAD 242	2	ENGL 255* or ENGL 295*
MGT 201	3	MATH 123* or MATH 142*
STAT 201* or STAT 207*	3	STAT 201*
[5]Unrestricted Elective	3	
	14	
Term 5		**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	
[5]Unrestricted Elective	2	
	16	
Term 6		**Term 6**
BUAD 353, BUAD 361	6	2.5 cumulative GPA
Collateral	3	BUAD 331, BUAD 332
MARK 340, MARK 350	6	
	15	
Term 7		**Term 7**
BULW 301	2	MARK 340, MARK 350, MARK 360
Collateral	3	
MARK 360	3	
MARK 462 or MARK 466 or MARK 468	3	
[5]Unrestricted Elective	3	
	14	
Term 8		**Term 8**
Collateral	3	No milestones
MARK 460	3	
MGT 402	3	
[5]Unrestricted Electives	6	
	15	
TOTAL	**120**	

Marketing Collateral Options
ECONOMICS – ECON 312, ECON 435, and one 400-level economics elective.
ENTREPRENEURSHIP - MGT 331, MGT 350, MGT 451.
HUMAN RESOURCE MANAGEMENT – MGT 331, HRM 360, HRM 481.
INFORMATION MANAGEMENT – INMT 341, INMT 342, and either INMT 442 or INMT 443.

INTERNATIONAL BUSINESS – Nine hours from IB 409, IB 429, IB 439, IB 449, IB 459, IB 469, IB 492, BUAD 400 or MGT 472; and IB 489.
RESOURCE MANAGEMENT – ACCT 301; FINC 425, FINC 455.
SUPPLY CHAIN MANAGEMENT – SCM 310 and one of SCM 411, SCM 412, SCM 413, SCM 421.

* 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* 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* must be completed by the end of the first semester of the Second Year.
[5] Any courses not already required for the major.

REVISE MARKETING MAJOR—BUSINESS ANALYTICS DUAL CONCENTRATION

- Add introductory program text for UTracK
- Drop OMS 331 (3 hrs) as an option with STAT 340 and STAT 475

Rationale: OMS 331 is being dropped this year. Impact on Other Academic Units: None. Financial Impact: None.

UTracK Requirements (for first-year students)
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 first-time, first-year, full-time, degree-seeking students entering Fall 2013. Returning, readmitted and transfer students will continue to follow the same program requirements outlined in their selected catalog.

Academic Plan		Milestone Notes
Term 1	**Hours**	**Term 1**
[1,2]ENGL 101* or ENGL 118*	3	2.0 cumulative GPA
[3]Intermediate Foreign Language*	3	
[4]MATH 123*, MATH 141*, or MATH 147*	3-4	
[3]Natural Sciences Elective*	3-4	
[3]Social Sciences Elective*	3	
	15-17	
Term 2		**Term 2**
CMST 210*, CMST 217*, CMST 240*, or CMST 247*	3	2.5 cumulative GPA
[1,2]ENGL 102*	3	
[3]Intermediate Foreign Language*	3	
[4]MATH 125*, MATH 142* or MATH 148*	3-4	
[3]Natural Sciences Elective*	3-4	
	15-17	
Term 3		**Term 3**
ACCT 200 or ACCT 207	3	ACCT 200
[3]Arts and Humanities Elective*	3	ECON 201*
ECON 201* or ECON 207*	4	MATH 125* or MATH 141*
ENGL 255*, ENGL 257*, or ENGL 295*	3	
[5]Unrestricted Elective	3	
	16	
Term 4		**Term 4**
[3]Arts and Humanities Elective*	3	CMST 210* or CMST 240*
BUAD 242	2	ENGL 255* or ENGL 295*
MGT 201	3	MATH 123* or MATH 142*
STAT 201* or STAT 207*	3	STAT 201*
[5]Unrestricted Elective	3	
	14	
Term 5		**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	
[5]Unrestricted Elective	2	
	16	

Term 6		Term 6
BUAD 353, BUAD 361	6	2.5 cumulative GPA
MARK 340, MARK 350	6	BUAD 331, BUAD 332
STAT 320	3	STAT 320
	15	
Term 7		**Term 7**
BULW 301	2	No milestones
MARK 360	3	
STAT 471	3	
[5]Unrestricted Electives	6	
	14	
Term 8		**Term 8**
MARK 460	3	No milestones
MGT 402	3	
STAT 340 or STAT 475	3	
STAT 474	3	
[5]Unrestricted Elective	3	
	15	
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* 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* must be completed by the end of the first semester of the Second Year.
[5] Any courses not already required for the major.

REVISE MARKETING MAJOR—INFORMATION MANAGEMENT DUAL CONCENTRATION (UTRACK FORMAT ONLY)

- Add introductory program text for UTracK

UTracK Requirements (for first-year students)
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 first-time, first-year, full-time, degree-seeking students entering Fall 2013. Returning, readmitted and transfer students will continue to follow the same program requirements outlined in their selected catalog.

Academic Plan		Milestone Notes
Term 1	**Hours**	**Term 1**
[1,2]ENGL 101* or ENGL 118*	3	2.0 cumulative GPA
[3]Intermediate Foreign Language*	3	
[4]MATH 123*, MATH 141*, or MATH 147*	3-4	
[3]Natural Sciences Elective*	3-4	
[3]Social Sciences Elective*	3	
	15-17	
Term 2		**Term 2**
CMST 210*, CMST 217*, CMST 240*, or CMST 247*	3	2.5 cumulative GPA
[1,2]ENGL 102*	3	
[3]Intermediate Foreign Language*	3	
[4]MATH 125*, MATH 142* or MATH 148*	3-4	
[3]Natural Sciences Elective*	3-4	
	15-17	
Term 3		**Term 3**
ACCT 200 or ACCT 207	3	ACCT 200
[3]Arts and Humanities Elective*	3	ECON 201*
ECON 201* or ECON 207*	4	MATH 125* or MATH 141*
ENGL 255*, ENGL 257*, or ENGL 295*	3	
[5]Unrestricted Elective	3	
	16	
Term 4		**Term 4**

[3]Arts and Humanities Elective*	3	CMST 210* or CMST 240*
BUAD 242	2	ENGL 255* or ENGL 295*
MGT 201	3	MATH 123* or MATH 142*
STAT 201* or STAT 207*	3	STAT 201*
[5]Unrestricted Elective	3	
	14	
Term 5		**Term 5**
BUAD 331, BUAD 332	4	BUAD 242
BUAD 341, BUAD 342	4	
FINC 301	3	
INMT 341	3	
[5]Unrestricted Elective	2	
	16	
Term 6		**Term 6**
BUAD 353, BUAD 361	6	2.5 cumulative GPA
INMT 342	3	BUAD 331, BUAD 332
MARK 340, MARK 350	6	INMT 341
	15	
Term 7		**Term 7**
BUAD 205 or ECON 305 or MGT 311 or PHIL 244* or PHIL 252*	3	No milestones
BULW 301	2	
INMT 442	3	
MARK 360	3	
[5]Unrestricted Elective	3	
	14	
Term 8		**Term 8**
INMT 443	3	No milestones
MARK 460	3	
MGT 402	3	
[5]Unrestricted Electives	6	
	15	
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* 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* must be completed by the end of the first semester of the Second Year.
[5] Any courses not already required for the major.

REVISE MARKETING MAJOR—INTERNAL AUDITING DUAL CONCENTRATION (UTRACK FORMAT ONLY)

- Add introductory program text for UTracK

UTracK Requirements (for first-year students)
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 first-time, first-year, full-time, degree-seeking students entering Fall 2013. Returning, readmitted and transfer students will continue to follow the same program requirements outlined in their selected catalog.

Academic Plan		**Milestone Notes**
Term 1	**Hours**	**Term 1**
[1,2]ENGL 101* or ENGL 118*	3	2.0 cumulative GPA
[3]Intermediate Foreign Language*	3	
[4]MATH 123*, MATH 141*, or MATH 147*	3-4	
[3]Natural Sciences Elective*	3-4	
[3]Social Sciences Elective*	3	
	15-17	
Term 2		**Term 2**
CMST 210*, CMST 217*, CMST 240*, or CMST 247*	3	2.5 cumulative GPA

[1,2]ENGL 102*	3	
[3]Intermediate Foreign Language*	3	
[4]MATH 125*, MATH 142* or MATH 148*	3-4	
[3]Natural Sciences Elective*	3-4	
	15-17	
Term 3		**Term 3**
ACCT 200 or ACCT 207	3	ACCT 200
[3]Arts and Humanities Elective*	3	ECON 201*
ECON 201* or ECON 207*	4	MATH 125* or MATH 141*
ENGL 255*, ENGL 257*, or ENGL 295*	3	
[5]Unrestricted Elective	3	
	16	
Term 4		**Term 4**
[3]Arts and Humanities Elective*	3	CMST 210* or CMST 240*
BUAD 242	2	ENGL 255* or ENGL 295*
MGT 201	3	MATH 123* or MATH 142*
STAT 201* or STAT 207*	3	STAT 201*
[5]Unrestricted Elective	3	
	14	
Term 5		**Term 5**
ACCT 301	3	BUAD 242
BUAD 331, BUAD 332	4	
BUAD 341, BUAD 342	4	
FINC 301	3	
[5]Unrestricted Elective	2	
	16	
Term 6		**Term 6**
BUAD 353, BUAD 361	6	2.5 cumulative GPA
INMT 341	3	BUAD 331, BUAD 332
MARK 340, MARK 350	6	
	15	
Term 7		**Term 7**
ACCT 311	3	ACCT 301
BUAD 205 or ECON 305 or MGT 311 or PHIL 244* or PHIL 252*	3	
BULW 301	2	
MARK 360	3	
[5]Unrestricted Elective	3	
	14	
Term 8		**Term 8**
ACCT 411	3	No milestones
MARK 460	3	
MGT 402	3	
[5]Unrestricted Electives	6	
	15	
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* 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* must be completed by the end of the first semester of the Second Year.

[5] Any courses not already required for the major. Students are encouraged to take ACCT 321.

REVISE MARKETING MAJOR—INTERNATIONAL BUSINESS DUAL CONCENTRATION (UTRACK FORMAT ONLY)

- Add introductory program text for UTracK

UTracK Requirements (for first-year students)

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 first-time, first-year, full-time, degree-seeking students entering Fall 2013. Returning, readmitted and transfer students will continue to follow the same program requirements outlined in their selected catalog.

Academic Plan		Milestone Notes
Term 1	**Hours**	**Term 1**
[1,2]ENGL 101* or ENGL 118*	3	2.0 cumulative GPA
[3]Intermediate Foreign Language*	3	
[4]MATH 123*, MATH 141*, or MATH 147*	3-4	
[3]Natural Sciences Elective*	3-4	
[3]Social Sciences Elective*	3	
	15-17	
Term 2		**Term 2**
CMST 210*, CMST 217*, CMST 240*, or CMST 247*	3	2.5 cumulative GPA
[1,2]ENGL 102*	3	
[3]Intermediate Foreign Language*	3	
[4]MATH 125*, MATH 142* or MATH 148*	3-4	
[3]Natural Sciences Elective*	3-4	
	15-17	
Term 3		**Term 3**
[5]ACCT 200 or ACCT 207	3	ACCT 200
[3]Arts and Humanities Elective*	3	ECON 201*
[5]ECON 201* or ECON 207*	4	MATH 125* or MATH 141*
ENGL 255*, ENGL 257*, or ENGL 295*	3	
[6]Unrestricted Elective	3	
	16	
Term 4		**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	
	14	
Term 5		**Term 5**
BUAD 205 or ECON 305 or MGT 311 or PHIL 244* or PHIL 252*	3	BUAD 242
[5]BUAD 331, [4]BUAD 332	4	
BUAD 341, BUAD 342	4	
[5]FINC 301	3	
[6]Unrestricted Elective	2	
	16	
Term 6		**Term 6**
[5]BUAD 353, BUAD 361	6	2.5 cumulative GPA
MARK 340, MARK 350	6	BUAD 331, BUAD 332
[6]Unrestricted Elective	3	
	15	
Term 7		**Term 7**
BULW 301	2	No milestones
[7]International Business coursework	6	
MARK 360	3	
[6]Unrestricted Elective	3	
	14	
Term 8		**Term 8**
MARK 460	3	No milestones
[5]MGT 402	3	
[7]International Business coursework	6	
[6]Unrestricted Elective	3	
	15	
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* 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* must be completed by the end of the first semester of the Second Year.

[5] Students admitted to Global Leadership Scholars will complete the honors versions of these courses – ACCT 207, ECON 207*, MGT 207, STAT 207*, FINC 307, BUAD 337, BUAD 338, BUAD 357, and MGT 407.
[6] 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] Twelve hours chosen from IB 409, IB 429, IB 439, IB 449, IB 459, IB 469, IB 492, BUAD 400 or MGT 472; and IB 489.

◈REVISE MARKETING MAJOR—LOGISTICS DUAL CONCENTRATION (NOW SUPPLY CHAIN MANAGEMENT)

- Add introductory program text for UTracK
- Change dual concentration name to Supply Chain Management
- Change LOG 310 (3 hrs) to SCM 310 (6 hrs)
- Drop LOG 411 (3 hrs) and LOG 460 (3 hrs)
- Drop LOG 413 or LOG 421 (3 hrs)
- Add two supply chain management electives—SCM 411, SCM 412, SCM 413, SCM 421 (6 hrs)

Rationale: The Logistics program has changed to Supply Chain Management reflecting the discipline's evolution to this broader perspective.
Impact on Other Academic Units: None. Financial Impact: None.

UTracK Requirements (for first-year students)
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 first-time, first-year, full-time, degree-seeking students entering Fall 2013. Returning, readmitted and transfer students will continue to follow the same program requirements outlined in their selected catalog.

Academic Plan

Term 1	Hours
[1,2]ENGL 101* or ENGL 118*	3
[3]Intermediate Foreign Language*	3
[4]MATH 123*, MATH 141*, or MATH 147*	3-4
[3]Natural Sciences Elective*	3-4
[3]Social Sciences Elective*	3
	15-17

Term 2	
CMST 210*, CMST 217*, CMST 240*, or CMST 247*	3
[1,2]ENGL 102*	3
[3]Intermediate Foreign Language*	3
[4]MATH 125*, MATH 142* or MATH 148*	3-4
[3]Natural Sciences Elective*	3-4
	15-17

Term 3	
ACCT 200 or ACCT 207	3
[3]Arts and Humanities Elective*	3
ECON 201* or ECON 207*	4
ENGL 255*, ENGL 257*, or ENGL 295*	3
[5]Unrestricted Elective	3
	16

Term 4	
[3]Arts and Humanities Elective*	3
BUAD 242	2
MGT 201	3
STAT 201* or STAT 207*	3
[5]Unrestricted Elective	3
	14

Term 5	
BUAD 205 or ECON 305 or MGT 311 or PHIL 244* or PHIL 252*	3
BUAD 331, BUAD 332	4
BUAD 341, BUAD 342	4
FINC 301	3
[5]Unrestricted Elective	2
	16

Term 6	
BUAD 353	3
MARK 340, MARK 350	6

Milestone Notes

Term 1
2.0 cumulative GPA

Term 2
2.5 cumulative GPA

Term 3
ACCT 200
ECON 201*
MATH 125* or MATH 141*

Term 4
CMST 210* or CMST 240*
ENGL 255* or ENGL 295*
MATH 123* or MATH 142*
STAT 201*

Term 5
BUAD 242
BUAD 331, BUAD 332

Term 6
2.5 cumulative GPA
SCM 310

SCM 310	6	
	15	
Term 7		**Term 7**
BUAD 361	3	No milestones
BULW 301	2	
MARK 360	3	
[5]Unrestricted Electives	6	
	14	
Term 8		**Term 8**
MARK 460	3	No milestones
MGT 402	3	
SCM 411 or SCM 412 or SCM 413 or SCM 421	6	
[5]Unrestricted Elective	3	
	15	
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* 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* 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 STATISTICS, OPERATIONS AND MANAGEMENT SCIENCE

◈ DROP BUSINESS ANALYTICS MAJOR—5TH YEAR MASTER OF SCIENCE

Rationale: Given the restructuring of our Master's program to a 1.5 year program, and the subsequent sequencing of courses and their offerings, this 5th year Master's program is not really possible. Getting the undergraduate degree in 4 years, and simply going through the regular channels for our Master's program gets them their Master's degree in 5.5 years anyway. Staffing Impact: None. Impact on Other Units: None. Financial Impact: None.

◈REVISE BUSINESS ANALYTICS MAJOR—COLLATERAL OPTION

- Add introductory program text for UTracK
- Revise Finance Collateral Option—Add FINC 445 and FINC 463 as options for the finance elective
- Add Economics Collateral Option—ECON 312, ECON 381
- Revise Logistics Collateral Option
    - 0 Change name to Supply Chain Management
    - 0 Change LOG 310 (3 hrs) to SCM 310 (6 hrs)
    - 0 Drop LOG 411 (3 hrs)
- Revise footnote 4 (drop OMS 331 and add STAT 475)
- Change STAT 370 or STAT 475 to a business analytics elective

Rationale: Allows Business Analytics majors to document coursework and skill sets in economics. The credential can increase students' competitiveness with employers. The Logistics program has changed to Supply Chain Management reflecting the discipline's evolution to this broader perspective. Adding finance elective options will provide flexibility. OMS 331 is being dropped this year. Impact on Other Units: None. Financial Impact: None.

UTracK Requirements (for first-year students)
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 first-time, first-year, full-time, degree-seeking students entering Fall 2013. Returning, readmitted and transfer students will continue to follow the same program requirements outlined in their selected catalog.

Academic Plan		**Milestone Notes**
Term 1	**Hours**	**Term 1**
[1,2]ENGL 101* or ENGL 118*	3	2.0 cumulative GPA
[3]Intermediate Foreign Language*	3	
[4]MATH 123*, MATH 141*, or MATH 147*	3-4	
[3]Natural Sciences Elective*	3-4	

[3]Social Sciences Elective*	3	
	15-17	
Term 2		**Term 2**
CMST 210*, CMST 217*, CMST 240*, or CMST 247*	3	2.5 cumulative GPA
[1,2]ENGL 102*	3	
[3]Intermediate Foreign Language*	3	
[4]MATH 125*, MATH 142* or MATH 148*	3-4	
[3]Natural Sciences Elective*	3-4	
	15-17	
Term 3		**Term 3**
ACCT 200 or ACCT 207	3	ACCT 200
[3]Arts and Humanities Elective*	3	ECON 201*
ECON 201* or ECON 207*	4	MATH 125* or MATH 141*
ENGL 255*, ENGL 257*, or ENGL 295*	3	
[5]Unrestricted Elective	3	
	16	
Term 4		**Term 4**
[3]Arts and Humanities Elective*	3	CMST 210* or CMST 240*
BUAD 242	2	ENGL 255* or ENGL 295*
MGT 201	3	MATH 123* or MATH 142*
STAT 201* or STAT 207*	3	STAT 201*
[5]Unrestricted Elective	3	
	14	
Term 5		**Term 5**
BUAD 331, BUAD 332	4	BUAD 242
BUAD 341, BUAD 342	4	
FINC 301	3	
STAT 320	3	
[5]Unrestricted Elective	2	
	16	
Term 6		**Term 6**
BUAD 353, BUAD 361	6	2.5 cumulative GPA
[6]Business Analytics Electives	6	STAT 320
Collateral	3	
	15	
Term 7		**Term 7**
BUAD 205 or ECON 305 or MGT 311 or PHIL 244* or PHIL 252*	3	BUAD 353
BULW 301	2	
STAT 471	3	
[5]Unrestricted Electives	6	
	14	
Term 8		**Term 8**
[6]Business Analytics Elective	3	No milestones
Collateral	3	
MGT 402	3	
STAT 474	3	
[5]Unrestricted Elective	3	
	15	
TOTAL	**120**	

Business Analytics Collateral Options
ECONOMICS – ECON 312, ECON 381.
FINANCE – FINC 425; and one of FINC 435, FINC 445, FINC 455, FINC 463, FINC 475, FINC 485.
INFORMATION MANAGEMENT – INMT 342; and one of INMT 442, INMT 443.
MARKETING – MARK 340, MARK 350.
SUPPLY CHAIN MANAGEMENT – SCM 310.

* 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* 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* must be completed by the end of the first semester of the Second Year.

[5] Any courses not already required for the major.
[6] Select two courses from INMT 341, STAT 340, STAT 475.

REVISE BUSINESS ANALYTICS MAJOR—INFORMATION MANAGEMENT DUAL CONCENTRATION

- Add introductory program text for UTracK
- Revise footnote 4 (drop OMS 331 and add STAT 475) and incorporate into the showcase

Rationale: OMS 331 is being dropped this year. Moved the footnote into the showcase itself since there are only two course options for the business analytics elective. Impact on Other Units: None. Financial Impact: None.

UTracK Requirements (for first-year students)
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 first-time, first-year, full-time, degree-seeking students entering Fall 2013. Returning, readmitted and transfer students will continue to follow the same program requirements outlined in their selected catalog.

Academic Plan		Milestone Notes
Term 1	**Hours**	**Term 1**
[1,2]ENGL 101* or ENGL 118*	3	2.0 cumulative GPA
[3]Intermediate Foreign Language*	3	
[4]MATH 123*, MATH 141*, or MATH 147*	3-4	
[3]Natural Sciences Elective*	3-4	
[3]Social Sciences Elective*	3	
	15-17	
Term 2		**Term 2**
CMST 210*, CMST 217*, CMST 240*, or CMST 247*	3	2.5 cumulative GPA
[1,2]ENGL 102*	3	
[3]Intermediate Foreign Language*	3	
[4]MATH 125*, MATH 142* or MATH 148*	3-4	
[3]Natural Sciences Elective*	3-4	
	15-17	
Term 3		**Term 3**
ACCT 200 or ACCT 207	3	ACCT 200
[3]Arts and Humanities Elective*	3	ECON 201*
ECON 201* or ECON 207*	4	MATH 125* or MATH 141*
ENGL 255*, ENGL 257*, or ENGL 295*	3	
[5]Unrestricted Elective	3	
	16	
Term 4		**Term 4**
[3]Arts and Humanities Elective*	3	CMST 210* or CMST 240*
BUAD 242	2	ENGL 255* or ENGL 295*
MGT 201	3	MATH 123* or MATH 142*
STAT 201* or STAT 207*	3	STAT 201*
[5]Unrestricted Elective	3	
	14	
Term 5		**Term 5**
BUAD 331, BUAD 332	4	BUAD 242
BUAD 341, BUAD 342	4	
FINC 301	3	
INMT 341	3	
[5]Unrestricted Elective	2	
	16	
Term 6		**Term 6**
BUAD 205 or ECON 305 or MGT 311 or PHIL 244* or PHIL 252*	3	2.5 cumulative GPA
BUAD 353, BUAD 361	6	BUAD 331, BUAD 332
INMT 342	3	INMT 341
STAT 320	3	STAT 320
	15	
Term 7		**Term 7**
BULW 301	2	No milestones

STAT 340 or STAT 475	3	
INMT 442	3	
STAT 471	3	
[5]Unrestricted Elective	3	
	14	
Term 8		**Term 8**
INMT 443	3	No milestones
MGT 402	3	
STAT 474	3	
[5]Unrestricted Electives	6	
	15	
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* 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* must be completed by the end of the first semester of the Second Year.
[5] Any courses not already required for the major.

REVISE BUSINESS ANALYTICS MAJOR—INTERNATIONAL BUSINESS DUAL CONCENTRATION

- Add introductory program text for UTracK
- Drop OMS 331 (3 hrs) as an option with STAT 340
- Add STAT 475 (3 hrs) as an option with STAT 340

Rationale: OMS 331 is being dropped this year. Impact on Other Units: None. Financial Impact: None.

UTracK Requirements (for first-year students)
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 first-time, first-year, full-time, degree-seeking students entering Fall 2013. Returning, readmitted and transfer students will continue to follow the same program requirements outlined in their selected catalog.

Academic Plan		**Milestone Notes**
Term 1	**Hours**	**Term 1**
[1,2]ENGL 101* or ENGL 118*	3	2.0 cumulative GPA
[3]Intermediate Foreign Language*	3	
[4]MATH 123*, MATH 141*, or MATH 147*	3-4	
[3]Natural Sciences Elective*	3-4	
[3]Social Sciences Elective*	3	
	15-17	
Term 2		**Term 2**
CMST 210*, CMST 217*, CMST 240*, or CMST 247*	3	2.5 cumulative GPA
[1,2]ENGL 102*	3	
[3]Intermediate Foreign Language*	3	
[4]MATH 125*, MATH 142* or MATH 148*	3-4	
[3]Natural Sciences Elective*	3-4	
	15-17	
Term 3		**Term 3**
[5]ACCT 200 or ACCT 207	3	ACCT 200
[3]Arts and Humanities Elective*	3	ECON 201*
[5]ECON 201* or ECON 207*	4	MATH 125* or MATH 141*
ENGL 255*, ENGL 257*, or ENGL 295*	3	
[6]Unrestricted Elective	3	
	16	
Term 4		**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	

	14	
Term 5		**Term 5**
[5]BUAD 331, [4]BUAD 332	4	BUAD 242
BUAD 341, BUAD 342	4	
[5]FINC 301	3	
STAT 320	3	
[6]Unrestricted Elective	2	
	16	
Term 6		**Term 6**
BUAD 205 or ECON 305 or MGT 311 or PHIL 244* or PHIL 252*	3	2.5 cumulative GPA
[5]BUAD 353, BUAD 361	6	BUAD 331, BUAD 332
BULW 301	2	STAT 320
STAT 340 or STAT 475	3	
	14	
Term 7		**Term 7**
[7]International Business coursework	6	No milestones
STAT 471	3	
[6]Unrestricted Electives	6	
	15	
Term 8		**Term 8**
[7]International Business coursework	6	No milestones
[5]MGT 402	3	
STAT 474	3	
[6]Unrestricted Elective	3	
	15	
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* 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* must be completed by the end of the first semester of the Second Year.
[5] Students admitted to Global Leadership Scholars will complete the honors versions of these courses – ACCT 207, ECON 207*, MGT 207, STAT 207*, FINC 307, BUAD 337, BUAD 338, BUAD 357, and MGT 407.
[6] 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] Twelve hours chosen from IB 409, IB 429, IB 439, IB 449, IB 459, IB 469, IB 492, BUAD 400 or MGT 472; and IB 489.

◈REVISE BUSINESS ANALYTICS MAJOR—LOGISTICS DUAL CONCENTRATION (NOW SUPPLY CHAIN MANAGEMENT)

- Add introductory program text for UTracK
- Change dual concentration name to Supply Chain Management
- Change LOG 310 (3 hrs) to SCM 310 (6 hrs)
- Drop LOG 411 (3 hrs) and LOG 460 (3 hrs)
- Drop LOG 413 or LOG 421 (3 hrs)
- Add two supply chain management electives—SCM 411, SCM 412, SCM 413, SCM 421 (6 hrs)
- Drop OMS 331 (3 hrs) as an option with STAT 340
- Add STAT 475 (3 hrs) as an option with STAT 340

Rationale: The Logistics program has changed to Supply Chain Management reflecting the discipline's evolution to this broader perspective. OMS 331 is being dropped this year. Impact on Other Academic Units: None. Financial Impact: None.

UTracK Requirements (for first-year students)
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 first-time, first-year, full-time, degree-seeking students entering Fall 2013. Returning, readmitted and transfer students will continue to follow the same program requirements outlined in their selected catalog.

Academic Plan		**Milestone Notes**
Term 1	**Hours**	**Term 1**
[1,2]ENGL 101* or ENGL 118*	3	2.0 cumulative GPA

[3]Intermediate Foreign Language*	3	
[4]MATH 123*, MATH 141*, or MATH 147*	3-4	
[3]Natural Sciences Elective*	3-4	
[3]Social Sciences Elective*	3	
	15-17	
Term 2		**Term 2**
CMST 210*, CMST 217*, CMST 240*, or CMST 247*	3	2.5 cumulative GPA
[1,2]ENGL 102*	3	
[3]Intermediate Foreign Language*	3	
[4]MATH 125*, MATH 142* or MATH 148*	3-4	
[3]Natural Sciences Elective*	3-4	
	15-17	
Term 3		**Term 3**
ACCT 200 or ACCT 207	3	ACCT 200
[3]Arts and Humanities Elective*	3	ECON 201*
ECON 201* or ECON 207*	4	MATH 125* or MATH 141*
ENGL 255*, ENGL 257*, or ENGL 295*	3	
[5]Unrestricted Elective	3	
	16	
Term 4		**Term 4**
[3]Arts and Humanities Elective*	3	CMST 210* or CMST 240*
BUAD 242	2	ENGL 255* or ENGL 295*
MGT 201	3	MATH 123* or MATH 142*
STAT 201* or STAT 207*	3	STAT 201*
[5]Unrestricted Elective	3	
	14	
Term 5		**Term 5**
BUAD 331, BUAD 332	4	BUAD 242
BUAD 341, BUAD 342	4	
FINC 301	3	
STAT 320	3	
[5]Unrestricted Elective	2	
	16	
Term 6		**Term 6**
BUAD 353, BUAD 361	6	2.5 cumulative GPA
SCM 310	6	SCM 310
STAT 340 or STAT 475	3	STAT 320
	15	
Term 7		**Term 7**
BUAD 205 or ECON 305 or MGT 311 or PHIL 244* or PHIL 252*	3	No milestones
BULW 301	2	
STAT 471	3	
[5]Unrestricted Electives	6	
	14	
Term 8		**Term 8**
MGT 402	3	No milestones
SCM 411 or SCM 412 or SCM 413 or SCM 421	6	
STAT 474	3	
[5]Unrestricted Elective	3	
	15	
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* 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* must be completed by the end of the first semester of the Second Year.

[5] Any courses not already required for the major.

REVISE BUSINESS ANALYTICS MAJOR—MARKETING DUAL CONCENTRATION

- Add introductory program text for UTracK
- Drop OMS 331 (3 hrs) as an option with STAT 340 and STAT 475
- Add STAT 370 (3 hrs) as an option with STAT 340 and STAT 475

Rationale: OMS 331 is being dropped this year. Impact on Other Academic Units: None. Financial Impact: None.

UTracK Requirements (for first-year students)
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 first-time, first-year, full-time, degree-seeking students entering Fall 2013. Returning, readmitted and transfer students will continue to follow the same program requirements outlined in their selected catalog.

Academic Plan		Milestone Notes
Term 1	**Hours**	**Term 1**
[1,2]ENGL 101* or ENGL 118*	3	2.0 cumulative GPA
[3]Intermediate Foreign Language*	3	
[4]MATH 123*, MATH 141*, or MATH 147*	3-4	
[3]Natural Sciences Elective*	3-4	
[3]Social Sciences Elective*	3	
	15-17	
Term 2		**Term 2**
CMST 210*, CMST 217*, CMST 240*, or CMST 247*	3	2.5 cumulative GPA
[1,2]ENGL 102*	3	
[3]Intermediate Foreign Language*	3	
[4]MATH 125*, MATH 142* or MATH 148*	3-4	
[3]Natural Sciences Elective*	3-4	
	15-17	
Term 3		**Term 3**
ACCT 200 or ACCT 207	3	ACCT 200
[3]Arts and Humanities Elective*	3	ECON 201*
ECON 201* or ECON 207*	4	MATH 125* or MATH 141*
ENGL 255*, ENGL 257*, or ENGL 295*	3	
[5]Unrestricted Elective	3	
	16	
Term 4		**Term 4**
[3]Arts and Humanities Elective*	3	CMST 210* or CMST 240*
BUAD 242	2	ENGL 255* or ENGL 295*
MGT 201	3	MATH 123* or MATH 142*
STAT 201* or STAT 207*	3	STAT 201*
[5]Unrestricted Elective	3	
	14	
Term 5		**Term 5**
BUAD 331, BUAD 332	4	BUAD 242
BUAD 341, BUAD 342	4	
FINC 301	3	
STAT 320	3	
[5]Unrestricted Elective	2	
	16	
Term 6		**Term 6**
BUAD 205 or ECON 305 or MGT 311 or PHIL 244* or PHIL 252*	3	2.5 cumulative GPA
BUAD 353, BUAD 361	6	BUAD 331, BUAD 332
MARK 340, MARK 350	6	STAT 320
	15	
Term 7		**Term 7**
BULW 301	2	No milestones
MARK 360	3	
STAT 471	3	
[5]Unrestricted Electives	6	
	14	
Term 8		**Term 8**
MARK 460	3	No milestones
MGT 402	3	
STAT 340 or STAT 475	3	

STAT 474	3	
[5]Unrestricted Elective	3	
	15	
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* 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* must be completed by the end of the first semester of the Second Year.
[5] Any courses not already required for the major.

COLLEGE OF COMMUNICATION AND INFORMATION

All changes effective Fall 2013

I. COURSE CHANGES

SCHOOL OF JOURNALISM AND ELECTRONIC MEDIA

(JREM) Journalism and Electronic Media

REVISE TITLE, REVISE DESCRIPTION, REVISE (RE) PREREQUISITE, ADD COMMENT

$250 Multimedia Storytelling (3) Creating effective web-based journalism using multimedia skills and techniques. A combination of photography, video, sound and graphics will be used for in-depth storytelling.
(RE) Prerequisite(s): 230.
Comment(s): With permission of instructor, JREM 230 and JREM 250 may be taken concurrently.
Formerly: Visual Communication (3) Lecture and project course providing students with the principles of visual communication. Students learn about visual elements for print, web, and video. Students are introduced to the technology they will need to become multimedia journalists. Students complete assignments in the Scripps Convergence Lab and other on-campus facilities.
(RE) Prerequisite(s): 200.

Rationale: Adds more in-depth study and practice in multimedia techniques. Completes a strong core sequence of writing, reporting and multimedia storytelling. Impact on other units: None. Financial impact: None.

REVISE TITLE, REVISE DESCRIPTION

$460 Advanced Television News Reporting and Producing (3) Production of daily and weekly television newscasts for The Volunteer Channel and on local television stations. Advanced course in TV news producing, reporting and anchoring. State-of-the-art converged newsroom and high definition studio are used in the production of weekly broadcasts.
Formerly: Electronic News Operations (3) Production of news programs for television, cable, and the Internet. Advanced course in electronic news gathering, reporting, digital videography, non-linear editing, and producing. Computerized newsroom and studio are utilized.

Rationale: New title and description more accurately reflect what the course is about. Impact on other units: None. Financial impact: None.

REVISE DESCRIPTION

†✱450 Writing about Science and Medicine (3) A writing workshop in which students analyze successful science writing and write a series of articles for the general public based on scientific journals, news conferences, technical meetings, and interviews.
(Same as Information Sciences 450.)
Formerly: Writing workshop to analyze examples of successful science writing and write series of articles for the general public based on scientific journals, news conferences, technical meetings, and interviews.

Rationale: Revised sentence provides clarity for what the course entails. Impact on other units: None. Financial impact: None.

✱451 Environmental Writing (3) Writing for the news media (including the Internet) on such environmental issues as energy, sprawl, air pollution, forests, and invasive species. Students hear presentations from and interview experts in environmental science and reporting. Exemplary environmental writing is analyzed.
Formerly: Writing for news media (including the Internet) on such environmental issues as sprawl, forests, air pollution, energy, and invasive species. Students hear presentations from and interview experts in environmental science and reporting. Exemplary environmental writing is analyzed.

Rationale: New description presents an order of the environmental issues that emphasizes the most important issues. Impact on other units: None. Financial impact: None.

✱456 Science Writing as Literature (3) A survey of important science writing for the general public across the spectrum of science, engineering, and medicine. Works by authors such as Arthur C. Clarke, David Quammen, and Richard Selzer are analyzed for literary qualities in a quest to understand why some science writing succeeds.
Formerly: Survey of important science writing for the general public across the spectrum of science, engineering, and medicine. Works by authors such as Arthur C. Clarke, Stephen J. Gould, and Richard Selzer will be analyzed for literary qualities in a quest to understand why some science writing succeeds.

Rationale: New description more accurately reflects course content. Impact on other units: None. Financial impact: None.

REVISE TITLE, REVISE DESCRIPTION, REVISE (RE) PREREQUISITE

$360 Radio News Reporting and Producing (3) Writing, reporting, performing, and producing radio and audio news reports and newscasts for radio and the Internet. Lecture and lab course in which students will work in radio news at WUTK-FM as part of their grade. An introduction to audio production including advanced digital audio production is included.
(RE) Prerequisite(s): 230 and 250.
Formerly: Electronic Media Performance (3) Development of vocal, visual, and performance skills for announcers, interviewers, newscasters, and reporters.
(RE) Prerequisite(s): 175 and 250.

Rationale: Students need to be better prepared to write and report for radio and websites using audio production techniques. Impact on other units: None. Financial impact: None.

$411 Television News Reporting (3) Writing, reporting, shooting, editing, and producing for the electronic news media. Lecture and lab course providing students with experience as reporters/producers for a television and cable news program. Includes an overview of electronic news-gathering equipment, as well as non-linear video editing. Prepares students to become multimedia and backpack journalists.
(RE) Prerequisite(s): 230 and 250.
Formerly: Electronic News Gathering (3) Writing, reporting, shooting, editing, and producing for the electronic news media. Lecture and lab course providing students with experience as reporters/producers for a television and cable news program. Includes an overview of electronic news-gathering equipment, as well as non-linear video editing.
(RE) Prerequisite(s): 230.

Rationale: New title better reflects the content of the course. Electronic News Gathering is no longer used in the industry. New description better conveys the course's objectives. Impact on other units: None. Financial impact: None.

II. PROGRAM CHANGES

◈ADD COMMUNICATION AND INFORMATION EXPLORATORY MAJOR

Academic Plan	Milestone Notes
Students in the exploratory major should meet with their advisor each term to select courses best suited for their intended career path.	**Term 1**
	CCI 150
	Natural Sciences Elective*
	Term 2
	ENGL 102*
	Term 3
	MATH 125*, MATH 141*, or Quantitative Reasoning Elective*
	ADVT 250 or CMST 201 or JREM 175 or PBRL 270

SCHOOL OF ADVERTISING AND PUBLIC RELATIONS

REVISE ADVERTISING MAJOR (UTRACK FORMAT AND MILESTONES ONLY)

- Add introductory program text for UTracK

UTracK Requirements (for first-year students)
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 may include successful completion of specified courses and/or attainment of a minimum GPA. UTracK requirements only affect first-time, first-year, full-time, degree-seeking students entering Fall 2013. Returning, readmitted and transfer students will continue to follow the same program requirements outlined in their selected catalog.

Academic Plan		Milestone Notes
Term 1	**Hours**	**Term 1**
[1]Arts and Sciences Elective	3	Natural Sciences Elective*
CCI 150	3	
ENGL 101* or ENGL 118*	3	
[2]Intermediate Foreign Language*	3	
[3]Natural Sciences Elective*	4	
	16	
Term 2		**Term 2**
ANTH 130* or ANTH 137*	3	ENGL 102*
ENGL 102*	3	
[2]Intermediate Foreign Language*	3	
MATH 125*, MATH 141*, or MATH 147*	3-4	
[3]Natural Sciences Elective*	4	
	16-17	
Term 3		**Term 3**
ADVT 250	3	CCI 150
ECON 201* or ECON 207*	4	MATH 125* or MATH 141*
[4]English Literature Elective*	3	
[5]History Sequence*	3	
STAT 201* or STAT 207*	3	
	16	
Term 4		**Term 4**
ACCT 200 or ACCT 207*	3	ADVT 250
[1]Arts and Sciences Elective	3	STAT 201*
[4]English Literature Elective*	3	2.5 cumulative GPA in the following courses: ADVT 250 or PBRL 270; ANTH 130*; CCI 150; ENGL 102*; MATH 125* or MATH 141*; STAT 201*
[5]History Sequence*	3	
PBRL 270	3	
	15	
Term 5		**Term 5**
[6]ADVT 310, ADVT 340	6	ACCT 200
CMST 240* or CMST 247*	3	ECON 201*
MGT 201	3	
PSYC 110* or PSYC 117*	3	
	15	
Term 6		**Term 6**
[6]ADVT 350, ADVT 360, ADVT 380	7	No milestones
[1]Arts and Sciences Elective	3	
MARK 300	3	
MGT 300	3	
	16	
Term 7		**Term 7**
[6]ADVT 450, ADVT 480	6	No milestones
[1]Arts and Sciences Elective	3	
PSYC 360	3	
[7]General Elective	3	
	15	
Term 8		**Term 8**
[6]ADVT 470	3	No milestones
[1]Arts and Sciences Elective	3	
[8]College Elective	3	
[7]General Elective	1-2	
	10-11	
TOTAL	**120**	

* Meets University General Education Requirement.

[1]Any course from the College of Arts and Sciences not already required.

[2] Six hours of the same intermediate foreign language.

[3] Chosen from ASTR 151*-ASTR 153 or ASTR 217*, ASTR 152*-ASTR 154 or ASTR 218*; BIOL 101*, BIOL 102*, BIOL 111*, BIOL 112*, BIOL 130* or BIOL 138*, BIOL 140* or BIOL 148*; CHEM 100*, CHEM 110*, CHEM 120* or CHEM 128*, CHEM 130* or CHEM 138*; GEOG 131* or GEOG 137*, GEOG 132*; GEOL 101* or GEOL 107*, GEOL 102* or GEOL 108*, GEOL 103*, GEOL 104*.

[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*.

[5] Select sequence from HIST 241*-HIST 242* (preferred), HIST 247*-HIST 248*, HIST 261*-HIST 262*, HIST 267-HIST 268*.
[6] Students must earn a grade of C or better in each of the following courses: ADVT 310, ADVT 340, ADVT 350, ADVT 360, ADVT 380, ADVT 450, ADVT 470, ADVT 480.
[7] Chosen from any course not taught in advertising, journalism and electronic media, or public relations.
[8] Select one course (3 hours) from advertising, communication studies, information sciences, journalism and electronic media, or public relations.
NOTE: Students must meet the University General Education Requirement for Communicating through Writing by selecting a course with a (WC) designation. This course may be from the major or from another discipline.

REVISE PUBLIC RELATIONS MAJOR (UTRACK FORMAT AND MILESTONES ONLY)

- Add introductory program text for UTracK

UTracK Requirements (for first-year students)
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 may include successful completion of specified courses and/or attainment of a minimum GPA. UTracK requirements only affect first-time, first-year, full-time, degree-seeking students entering Fall 2013. Returning, readmitted and transfer students will continue to follow the same program requirements outlined in their selected catalog.

Academic Plan		Milestone Notes
Term 1	**Hours**	**Term 1**
[1]Arts and Sciences Elective	3	Natural Sciences Elective*
CCI 150	3	
ENGL101* or ENGL 118*	3	
[2]Intermediate Foreign Language*	3	
[3]Natural Sciences Elective*	4	
	16	
Term 2		**Term 2**
ANTH130* or ANTH 137*	3	ENGL 102*
ENGL 102*	3	
[2]Intermediate Foreign Language*	3	
MATH 125*, MATH 141*, or MATH 147*	3-4	
[3]Natural Sciences Elective*	4	
	16-17	
Term 3		**Term 3**
ECON 201* or ECON 207*	4	CCI 150
[4]English Literature Elective*	3	MATH 125* or MATH 141*
[5]History Sequence*	3	
PBRL 270	3	
STAT 201* or STAT 207*	3	
	16	
Term 4		**Term 4**
ACCT 200 or ACCT 207	3	STAT 201*
ADVT 250	3	2.5 cumulative GPA in the following courses: ADVT 250 or PBRL 270; ANTH 130*; CCI 150; ENGL 102*; MATH 125* or MATH 141*; STAT 201*
[4]English Literature Elective*	3	
[5]History Sequence*	3	
JREM 200*	3	
	15	
Term 5		**Term 5**
CMST 240* or CMST 247*	3	ACCT 200
MGT 201	3	ECON 201*
[6]PBRL 310, PBRL 340	6	PBRL 270
PSYC 110* or PSYC 117*	3	
	15	
Term 6		**Term 6**
[1]Arts and Sciences Electives	6	No milestones
MARK 300	3	
[6]PBRL 320, PBRL 370, PBRL 380	7	
	16	
Term 7		**Term 7**
[7]College Elective	3	No milestones
[8]General Elective	3	
JREM 333 or JREM 375 or JREM 412 or JREM 414	3	

or JREM 430		
[6]PBRL 470	3	
PSYC 360	3	
	15	
Term 8		**Term 8**
[1]Arts and Sciences Electives	6	No milestones
JREM 400	3	
[8]General Elective	1-2	
	10-11	
TOTAL	**120**	

* Meets University General Education Requirement.
[1]Any course from the College of Arts and Sciences not already required.
[2] Six hours of the same intermediate foreign language.
[3] Chosen from ASTR 151*-ASTR 153 or ASTR 217*, ASTR 152*-ASTR 154 or ASTR 218*; BIOL 101*, BIOL 102*, BIOL 111*, BIOL 112*, BIOL 130* or BIOL 138*, BIOL 140* or BIOL 148*; CHEM 100*, CHEM 110*, CHEM 120* or CHEM 128*, CHEM 130* or CHEM 138*; GEOG 131* or GEOG 137*, GEOG 132*; GEOL 101* or GEOL 107*, GEOL 102* or GEOL 108*, GEOL 103*, GEOL 104*.
[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*.
[5] Select sequence from HIST 241*-HIST 242* (preferred), HIST 247*-HIST 248*, HIST 261*-HIST 262*, HIST 267-HIST 268*.
[6] Students must earn a grade of C or better in each of the following courses: PBRL 310, PBRL 320, PBRL 340, PBRL 370, PBRL 380, PBRL 470.
[7] Select one course (3 hours) from advertising, communication studies, information sciences, journalism and electronic media, or public relations.
[8] Chosen from any course not taught in advertising, journalism and electronic media, or public relations.

SCHOOL OF COMMUNICATION STUDIES

REVISE COMMUNICATION STUDIES MAJOR (UTRACK FORMAT AND MILESTONES ONLY)

- Add introductory program text for UTracK

UTracK Requirements (for first-year students)
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 may include successful completion of specified courses and/or attainment of a minimum GPA. UTracK requirements only affect first-time, first-year, full-time, degree-seeking students entering Fall 2013. Returning, readmitted and transfer students will continue to follow the same program requirements outlined in their selected catalog.

Academic Plan		**Milestone Notes**
Term 1	**Hours**	**Term 1**
ENGL 101* or ENGL 118*	3	Natural Sciences* or Social Sciences* Elective
[1]Natural Sciences Elective*	4	
[2]Quantitative Reasoning Elective*	3	
[2]Social Sciences Elective*	3	
[3]General Elective	3	
	16	
Term 2		**Term 2**
[2]Arts and Humanities Elective*	3	ENGL 102*
ENGL 102*	3	
[1]Natural Sciences Elective*	4	
PSYC 110* or PSYC 117*	3	
[3]General Elective	1	
	14	
Term 3		**Term 3**
CMST 201 or CMST 207	3	Arts and Humanities Elective*
CMST 210*, CMST 217*, CMST 240*, or CMST 247*	3	PSYC 110*
[4]History Sequence*	3	
[5]Intermediate Foreign Language*	3	
MATH 115*, STAT 201*, or STAT 207*	3	
	15	
Term 4		**Term 4**
[6]Advanced Composition Elective*	3	CMST 210*, CMST 240*, or CMST 250

[2]Arts and Humanities Elective*	3	Intermediate Foreign Language Sequence*
[7]CMST 210*, CMST 217*, CMST 240*, CMST 247* or CMST 250	3	
[4]History Sequence*	3	
[5]Intermediate Foreign Language*	3	
	15	

Term 5		**Term 5**
CMST 352	3	CMST 201 with a grade of C- or better
CMST 312 or CMST 342	3	One additional course from CMST 210*, CMST 240*, or CMST 250
[8]College Elective	3	
[9]Concentration Elective	3	
[3]General Elective	3	
	15	

Term 6		**Term 6**
CMST 356	3	No milestones
CMST 312 or CMST 342	3	
[8]College Elective	3	
[9]Concentration Elective	3	
[3]General Elective	3	
	15	

Term 7		**Term 7**
[10]CMST 400-level Electives	6	No milestones
[8]College Elective	3	
[9]Concentration Elective	3	
[3]General Elective	3	
	15	

Term 8		**Term 8**
CMST 499	3	No milestones
[8]College Elective	3	
[9]Concentration Elective	3	
[3]General Electives	6	
	15	
TOTAL	**120**	

* Meets University General Education Requirement.
[1] Select two 4-credit lab sciences (8 hours) from the University General Education list.
[2] Chosen from the University General Education list.
[3] Any courses not already required for the major.
[4] Select sequence from HIST 241*-HIST 242*, HIST 247*-HIST 248*, HIST 261*-HIST 262*, HIST 267-HIST 268*.
[5] Six hours of the same intermediate foreign language.
[6] Chosen from ENGL 255* or ENGL 257*, ENGL 295*, ENGL 355* or ENGL 357*, ENGL 360*, ENGL 455*; JREM 200*.
[7] Select two of the three speaking-emphasis classes listed.
[8] Four courses (12 hours) chosen from advertising, communication and information, communication studies, information sciences, journalism and electronic media, or public relations. These courses must come from at least two different areas of study.
[9] Four courses (12 hours, at least 6 hours must be at the 300- or 400- level). These courses may be used to complete a minor or may be a combination of classes from all departments except Advertising, Communication and Information, Communication Studies, Counselor Education, First Year Studies, Information Sciences, Journalism and Electronic Media, Physical Education, Public Relations.
[10] CMST 492 may not be counted toward the major. No more than 3 hours each of CMST 491 and CMST 493 may be counted toward the major; additional hours for these courses may be counted as College Electives.

SCHOOL OF JOURNALISM AND ELECTRONIC MEDIA

REVISE JOURNALISM AND ELECTRONIC MEDIA MAJOR (UTRACK FORMAT AND MILESTONES ONLY)

- Add introductory program text for UTracK

UTracK Requirements (for first-year students)
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 may include successful completion of specified courses and/or attainment of a minimum GPA. UTracK requirements only affect first-time, first-year, full-time, degree-seeking students entering Fall 2013. Returning, readmitted and transfer students will continue to follow the same program requirements outlined in their selected catalog.

Academic Plan		Milestone Notes
Term 1	**Hours**	**Term 1**
ENGL 101* or ENGL 118*	3	Natural Sciences* or Quantitative Reasoning* Elective
JREM 175	3	
[1]Natural Sciences Elective*	3-4	
PSYC 110* or PSYC 117*	3	
[2]Quantitative Reasoning Elective*	3-4	
	15-17	
Term 2		**Term 2**
ENGL 102*	3	ENGL 102*
JREM 200*	3	JREM 175
[1]Natural Sciences Elective*	3-4	
POLS 101*, POLS 102*, or POLS 107*	3	
[2]Quantitative Reasoning Elective*	3-4	
	15-17	
Term 3		**Term 3**
[3]Cultural Studies Elective	3	JREM 200*
[4]English Literature Elective*	3	One additional Natural Sciences* or Quantitative Reasoning* Elective
[5]Intermediate Foreign Language*	3	
JREM 230, JREM 250	6	
	15	
Term 4		**Term 4**
CMST 210*, CMST 217*, CMST 240*, or CMST 247*	3	Intermediate Foreign Language Sequence*
[3]Cultural Studies Elective	3	
ECON 201* or ECON 207*	4	
[4]English Literature Elective*	3	
[5]Intermediate Foreign Language*	3	
	16	
Term 5		**Term 5**
[6]Arts and Sciences Elective	3	ECON 201*
[7]College Elective	3	JREM 230 or JREM 250
[8]Journalism and Electronic Media Elective	3	Two English Literature Electives*
[9]Political Science Elective	3	
[10]General Elective	3	
	15	
Term 6		**Term 6**
[6]Arts and Sciences Elective	3	No milestones
[8]Journalism and Electronic Media Elective	3	
JREM 466	3	
[10]General Elective	3	
	12	
Term 7		**Term 7**
[6]Arts and Sciences Elective	3	No milestones
[7]College Elective	3	
[8]Journalism and Electronic Media Elective	3	
JREM 400, JREM 492	4	
[10]General Elective	3	
	16	
Term 8		**Term 8**
[6]Arts and Sciences Electives	6	No milestones
[8]Journalism and Electronic Media Elective	3	
JREM 499	3	
[10]General Elective	0-4	
	12-16	
TOTAL	**120**	

* Meets University General Education Requirement.

[1] Chosen from ANTH 110* or ANTH 117*; ASTR 151* (with or without lab--ASTR 153) or ASTR 217*, ASTR 152* (with or without lab--ASTR 154) or ASTR 218*; BIOL 101*, BIOL 102*, BIOL 111*, BIOL 112*, BIOL 130* or BIOL 138*, BIOL 140* or BIOL 148*; CHEM 100*, CHEM 110*, CHEM 120* or CHEM 128*, CHEM 130* or CHEM 138*; GEOG 131* or GEOG 137*, GEOG 132*; GEOL 101* or GEOL 107*, GEOL 102* or GEOL 108*, GEOL 103*, GEOL 104*, GEOL 201*, GEOL 202* or GEOL 208*, GEOL 203*, GEOL 205* or GEOL 207*; MICR 210*; PHYS 101*, PHYS 102*. At least one of the courses must have a laboratory.

[2] Chosen from MATH 113* or MATH 117*, MATH 115*, MATH 123*, MATH 125*, MATH 141* or MATH 147*, MATH 142* or MATH 148*, MATH 151*, MATH 152*; STAT 201* or STAT 207*.

[3] Chosen from AFST 235*, AFST 236*; ANTH 120* or ANTH 127*; HIST 241* or HIST 247*, HIST 242* or HIST 248*, HIST 255*, HIST 256*, HIST 261* or HIST 267*, HIST 262* or HIST 268*; MRST 201*, MRST 202*.

[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 251* or ENGL 247*, ENGL 252* or ENGL 248*, ENGL 253* or ENGL 258*, ENGL 254*.
[5] Six hours of the same intermediate foreign language.
[6] Fifteen hours in the College of Arts and Sciences.
[7] Six hours in the College of Communication and Information, including Journalism and Electronic Media.
[8] Four upper-level courses (12 hours) of journalism and electronic media. Students are encouraged to select courses from a specialty area including sports journalism, science journalism, media management, print/web journalism, broadcast journalism, visual communication, and magazine journalism.
[9] Chosen from any upper-division political science course.
[10]Chosen from any course not taught in advertising, communication and information, journalism and electronic media, or public relations.

COLLEGE OF EDUCATION, HEALTH AND HUMAN SCIENCES

All changes effective Fall 2013

I. COURSE CHANGES

DEPARTMENT OF KINESIOLOGY, RECREATION AND SPORT STUDIES

(KNS) Kinesiology

REVISE REGISTRATION RESTRICTION

335 Athletic Training Techniques (3)
Registration Restriction(s): Kinesiology or Recreation and Sport Management major; minimum student level–sophomore.
Formerly: Kinesiology or Recreation and Sport Management major.

$414 Fitness Testing and Exercise Prescription (3)
Registration Restriction(s): Kinesiology major; minimum student level – junior; 2.5 GPA.
Formerly: 2.5 GPA.

440 Strength and Conditioning Programs (3)
Registration Restriction(s): Kinesiology or Recreation and Sport Management major; minimum student level – junior.
Formerly: Kinesiology major; 2.5 GPA.

$†480 Physiology of Exercise (3)
Registration Restriction(s): Kinesiology major, Biological Sciences major, or Animal Science major; minimum student level – junior; 2.5 GPA.
Formerly: 2.5 GPA.

493 Directed Independent Studies (3)
Registration Restriction(s): Kinesiology major; minimum student level – junior; 2.5 GPA.
Formerly: Kinesiology major; 2.5 GPA.

Rationale: Allow sophomores or juniors in the kinesiology and recreation and sport management majors to have priority enrollment in these courses. Impact on other units: None. Financial impact: None.

ADD REGISTRATION RESTRICTION

350 Physical Activity Epidemiology (3)
Registration Restriction(s): Kinesiology major; minimum student level – sophomore.

365 Pediatric Exercise Science (3)
Registration Restriction(s): Kinesiology major; minimum student level – sophomore.

370 Aging and Physical Activity (3)
Registration Restriction(s): Kinesiology or Recreation and Sport Management major; minimum student level – sophomore.

380 Special Topics (1-3)
Registration Restriction(s): Kinesiology or Recreation and Sport Management major; minimum student level – sophomore.

490 Psychology of Coaching (3)
Registration Restriction(s): Kinesiology or Recreation and Sport Management major; minimum student level – junior.

Rationale: Allow sophomores or juniors in the kinesiology and recreation and sport management majors to have priority enrollment in these courses. Impact on other units: None. Financial impact: None.

ADD CONTACT HOUR DISTRIBUTION, REVISE REGISTRATION RESTRICTION

$422 Biomechanics of Human Movement (3)
Contact Hour Distribution: 2 lectures and 1 lab.
Registration Restriction(s): Kinesiology major or Animal Science major; minimum student level – junior; 2.5 GPA.
Formerly: 2.5 GPA.
Rationale: Reflect the current contact hour distributions; Allow juniors in the kinesiology major to have priority enrollment in the course. Impact on other units: None. Course is a required course of the Kinesiology program only. Financial impact: None.

ADD (RE) PREREQUISITE, ADD REGISTRATION RESTRICTION, ADD CONTACT HOUR DISTRIBUTION

$332 Applied Anatomy (3)
Contact Hour Distribution: 2 lectures and 1 lab.
(RE) Prerequisite(s): 100 or Recreation and Sport Management 201.
Registration Restriction(s): Kinesiology or Recreation and Sport Management major; minimum student level – junior.

Rationale: Reflect the current contact hour distributions; add a prerequisite for the course; allow sophomores in the kinesiology and recreation and sport management majors to have priority enrollment in the course. Impact on other units: None. Course is a required course of the Kinesiology program only. Financial impact: None.

Course	Course Impact
KNS 332	Kinesiology major—3rd year
	KNS 335 prerequisite
	KNS 422 prerequisite
	Recreation and Sport Management major—Therapeutic Recreation concentration, 3rd year
KNS 335	Kinesiology major—3rd year
KNS 350	Kinesiology major—3rd year
KNS 365	Kinesiology major—5th & 6th footnotes
KNS 370	Kinesiology major—5th & 6th footnotes
KNS 380	Kinesiology major—5th & 6th footnotes
KNS 414	Kinesiology major—4th year
	KNS 450 prerequisite
KNS 422	Animal Science major—Bioscience concentration, 2nd footnote
	Kinesiology major—4th year
	KNS 450 prerequisite
KNS 440	Kinesiology major—5th & 6th footnotes
KNS 480	Animal Science major—Animal Industries concentration, 4th footnote
	Animal Science major—Bioscience concentration, 3rd footnote
	Animal Science major—Pre-Veterinary Medicine concentration, 2nd footnote
	Crosslisted with BCMB 482
	Kinesiology major—4th year
	KNS 450 prerequisite
KNS 490	Kinesiology major—5th & 6th footnotes
	Recreation and Sport Management major—Sport Management concentration, 4th year, 4th footnote
KNS 493	Kinesiology major—5th & 6th footnotes

(RSM) Recreation and Sport Management

ADD CONTACT HOUR DISTRIBUTION

226 Therapeutic Recreation Programming I (3)
Contact Hour Distribution: Includes field experience.

326 Therapeutic Recreation Programming II (3)
Contact Hour Distribution: Includes field experience.

Rationale: To make students aware of the field experience component of the course. Impact on other units: None. Financial impact: None.

REVISE CONTACT HOUR DISTRIBUTION

426 Therapeutic Recreation Programming III (3)
Contact Hour Distribution: Includes field experience.
Formerly: Includes lab.

Rationale: To make students aware of the field experience component of the course. Impact on other units: None. Financial impact: None.

ADD (RE) PREREQUISITE

290 Practicum (3)
(RE) Prerequisite(s): 201 or 250.

Rationale: This is related to the U-Track changes and milestones and also to ensure students have the necessary knowledge base to succeed in the course. Impact on other units: None. Financial impact: None.

REVISE COMMENT

490 Internship (6 or 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.
Formerly: Enrollment for 2 semesters (6 hours each) or 1 semester (12 hours). Total of 12 hours required.

Rationale: This is related to the U-Track changes and milestones and also to ensure students have the necessary knowledge base to succeed in the course. Impact on other units: None. Financial impact: None.

ADD (RE) PREREQUISITE, REVISE REGISTRATION RESTRICTION

310 Development and Evaluation of Recreation and Sport Programs (3)
(RE) Prerequisite(s): 201 or 250.
Registration Restriction(s): Recreation and sport management major; minimum 2.5 GPA.
Formerly: Recreation and sport management major.

330 Sport Communication (3)
(RE) Prerequisite(s): 250.
Registration Restriction(s): Recreation and sport management major; minimum 2.5 GPA.
Formerly: Recreation and sport management major.

338 Applied Ethics in Recreation and Sport (3)
(RE) Prerequisite(s): 201 or 250 or Kinesiology 100.
Registration Restriction(s): Recreation and sport management major or kinesiology major; minimum 2.5 GPA.
Formerly: Recreation and sport management or kinesiology major.

340 Financial Aspects of Sport (3)
(RE) Prerequisite(s): 250.
Registration Restriction(s): Recreation and sport management major; minimum 2.5 GPA.
Formerly: Recreation and sport management major.

350 Sport Management: Theory to Practice (3)
(RE) Prerequisite(s): 250.
Registration Restriction(s): Recreation and sport management major; minimum 2.5 GPA.
Formerly: Recreation and sport management major.

360 Sport Governance (3)
(RE) Prerequisite(s): 250.
Registration Restriction(s): Recreation and sport management major; minimum 2.5 GPA.
Formerly: Recreation and sport management major.

370 Event Management (3)
(RE) Prerequisite(s): 201 or 250 or Kinesiology 100.
Registration Restriction(s): Recreation and sport management or kinesiology major; minimum 2.5 GPA.
Formerly: Recreation and sport management or kinesiology major.

380 Special Topics (1-3)
(RE) Prerequisite(s): 201 or 250.
Registration Restriction(s): Recreation and sport management major; minimum 2.5 GPA.
Formerly: Recreation and sport management major.

410 Intercollegiate Athletics (3)
(RE) Prerequisite(s): 250.
Registration Restriction(s): Recreation and sport management major; minimum 2.5 GPA.
Formerly: Recreation and sport management major.

415 Facility Planning and Development (3)
(RE) Prerequisite(s): 201 or 250 or Kinesiology 100.
Registration Restriction(s): Recreation and sport management or kinesiology major; minimum 2.5 GPA.
Formerly: Recreation and sport management or kinesiology major.

430 Organization and Administration of Recreation Services (3)
(RE) Prerequisite(s): 201 or 250.
Registration Restriction(s): Recreation and sport management major; minimum 2.5 GPA.
Formerly: Recreation and sport management major.

450 Legal Aspects of Recreation and Sport (3)
(RE) Prerequisite(s): 201 or 250 or Kinesiology 100.
Registration Restriction(s): Recreation and sport management or kinesiology major; minimum 2.5 GPA.

Formerly: Recreation and sport management major.

460 Development and Revenue Generation (3)
(RE) Prerequisite(s): 250.
Registration Restriction(s): Recreation and sport management major; minimum 2.5 GPA.
Formerly: Recreation and sport management major.

493 Independent Study (1-3)
(RE) Prerequisite(s): 201 or 250.
Registration Restriction(s): Recreation and sport management major; minimum 2.5 GPA.
Formerly: Recreation and sport management major.

Rationale: These changes are related to the U-Track changes and milestones and also to ensure students have the necessary knowledge base to succeed in the course. Impact on other units: None. Financial impact: None.

ADD (RE) PREREQUISITE, ADD REGISTRATION RESTRICTION

320 Therapeutic Recreation and Special Populations (3)
(RE) Prerequisite(s): 201.
Registration Restriction(s): Recreation and sport management major; minimum 2.5 GPA.

Rationale: This is related to the U-Track changes and milestones and also to ensure students have the necessary knowledge base to succeed in the course. Impact on other units: None. Financial impact: None.

REVISE (RE) PREREQUISITE, REVISE REGISTRATION RESTRICTION

440 Sport Marketing (3)
(RE) Prerequisite(s): 250 and Marketing 300.
Registration Restriction(s): Recreation and sport management major; minimum 2.5 GPA.
Formerly: (RE) Prerequisite(s): Marketing 300.
Registration Restriction(s): Recreation and sport management major.

Rationale: This is related to the U-Track changes and milestones and also to ensure students have the necessary knowledge base to succeed in the course. Impact on other units: None. Financial impact: None.

Course	Course Impact
RSM 310	Forestry major—Wildland Recreation concentration, 3rd year
	Recreation and Sport Management major—Sport Management concentration, 4th year
	Recreation and Sport Management major—Therapeutic Recreation concentration, 3rd year
RSM 320	Child and Family Studies major—Specialty Areas, Children and Families at Risk/Community Services section
	Forestry major—Wildland Recreation concentration, recreation elective
	Kinesiology major—5th and 6th footnotes
	Recreation and Sport Management major—Therapeutic Recreation concentration, 2nd year
	RSM 420 prerequisite
RSM 330	Recreation and Sport Management major—Sport Management concentration, 4th year
RSM 338	Kinesiology major—5th and 6th footnotes
	Recreation and Sport Management major—Sport Management concentration, 4th year, 4th footnote
RSM 340	Recreation and Sport Management major—Sport Management concentration, 4th year
RSM 350	Recreation and Sport Management major—Sport Management concentration, 3rd year
RSM 360	Recreation and Sport Management major—Sport Management concentration, 4th year
RSM 370	Kinesiology major—5th and 6th footnotes
	Recreation and Sport Management major—Sport Management concentration, 4th year
RSM 380	Recreation and Sport Management major—Sport Management concentration, 4th year, 5th footnote
RSM 410	Recreation and Sport Management major—Sport Management concentration, 4th year
RSM 415	Forestry major—Wildland Recreation concentration, recreation elective
	Kinesiology major—5th & 6th footnotes
	Recreation and Sport Management major—Sport Management concentration, 4th year
RSM 430	Forestry major—Wildland Recreation concentration, recreation elective
	Plant Sciences major—Public Horticulture concentration, 4th footnote
	Recreation and Sport Management major—Sport Management concentration, 4th year
	Recreation and Sport Management major—Therapeutic Recreation concentration, 4th year
RSM 440	Recreation and Sport Management major—Sport Management concentration, 4th year

RSM 450	Kinesiology major—5th & 6th footnotes
	Recreation and Sport Management major—Sport Management concentration, 4th year
RSM 460	Recreation and Sport Management major—Sport Management concentration, 4th year
RSM 493	None

DEPARTMENT OF NUTRITION

(NUTR) Nutrition

REVISE DESCRIPTION

✱**412 Food/Nutrition in Community (3)** Influence of health characteristics, geographic, social, economic, educational, and cultural factors on food and nutrition programming. Relationship of community food and nutrition problems to programs and services for families and communities with particular attention to disease prevention and public policy. Successful completion of 15 hours of service learning is required.
Formerly: Influence of health characteristics, geographic, social, economic, educational, and cultural factors on food and nutrition programming. Relationship of community food and nutrition problems to programs and services for families and communities with particular attention to disease prevention and public policy.

Rationale: There is no change to the current course structure. These changes better reflect the course as offered and will allow students to plan for weekly community engagement expected as part of course. Impact on other units: None. Financial impact: None.

DEPARTMENT OF RETAIL, HOSPITALITY AND TOURISM MANAGEMENT

(HRT) Hotel, Restaurant and Tourism

ADD

493 Independent Study (1-3) Individual problems or activities for students with special interests in hotel, restaurant, and tourism.
Repeatability: May be repeated. Maximum 6 hours.
Registration Restriction(s): Hotel, Restaurant and Tourism Major.
Registration Permission: Consent of instructor.

Rationale: Independent Study fills a hole where a class is truly independent, with less direction than is provided by our current 494 Directed Study. Impact on Other Units: None. Financial Impact: None.

DROP CROSS-LIST (RETAIN COURSE)

✱†**390 Professional Development (3)** Development of skills important to career success. Focus on business communications, time and stress management, and motivational and negotiating skills.
Formerly: (Same as Retail and Consumer Sciences 390.)

Rationale: Retail and Consumer Sciences is developing their own similar course, and no longer wants it to be cross-listed. HRT will continue to use the class in its current form. Impact on Other Units: This will impact Retail and Consumer Sciences, but they are developing their own class. Financial Impact: None.

REVISE TITLE, DROP CROSS-LIST (RETAIN COURSE)

†**101 Science of Foods and Culinary Fundamentals (3)**
Formerly: Science of Foods (Same as Food Science and Technology 101.)

Rationale: The new title better reflects the course content. There is no longer the need/desire to cross-list. Impact on other academic units: This will impact Food Science and Technology, and they are aware of this and dropped the cross-listing at the same time. It will continue to be an HRT elective. The department of Nutrition will also be impacted, as they will need to change their curriculum accordingly. Financial Impact: No financial impact on RHTM.

(RCS) Retail and Consumer Sciences

ADD

225 Fashion and Culture (3) The purpose of this course is to help students understand the interconnectedness between fashion and culture. In particular, this course will examine the intersection between fashion, personal identity, and social and political environments with understanding of the communication aspect of fashion and social images. Furthermore, this course will prepare students to apply those approaches to the fashion retail business.

Rationale: This course will give our students the understanding of how culture influences fashion retailing which they will be able to apply throughout their future careers. Impact on other units: None. Financial Impact: None. Instructor course load is being shifted to accommodate this course.

DROP

✱†**390 Professional Development (3)** *(See Hotel, Restaurant, and Tourism 390.)*

ADD

✱**391 Professional Development in Retailing (3)** Explore professional techniques and competencies applicable to careers and internships in retailing. Focus on business communications, service learning, business ethics and leadership.
(RE) Prerequisite(s): 310 and 346.

Equivalency Table

Current Course Retail & Consumer Sciences (RCS)	Equivalent Course Effective Fall 2013 Retail & Consumer Sciences (RCS)
390	391

Rationale: HRT/RCS 390 currently taught differently from HRT than RCS; course should no longer be cross-listed. RCS 391 replaces RCS 390 and the description represents what is currently being taught in the class. Impact on other units: None. Financial Impact: None. The same instructor will continue to teach the course.

Course	Course Impact
RCS 390	General Education page, Approved Communicating through Writing (WC) course
	Retail and Consumer Sciences major, Progression Requirements heading, 1st paragraph and 3rd year
	Crosslisted with HRT 390

REVISE TITLE, REVISE DESCRIPTION

441 Branding (3) Explore branding concepts related to consumer experiences derived from consumption of branded products, services, retailers, persons, and places. Investigate how the branding concepts influence consumer attitudes and behavior. Identify successful branding strategies to maximize consumer experiences and to improve retail sales.

Formerly: Experiential Retailing (3) Explore experiential retailing of tangible and intangible products, services and experiences that encompass utilitarian and hedonic consumption. Apply strategies for planning, developing, and presenting products or services to consumers using experiential components of the retail industry to create a total consumer experience.

Rationale: Branding is the more current nomenclature for this topic. Impact on other Units: None. Financial Impact: None.

REVISE TITLE, REVISE CREDIT HOURS

480 Fashion Retail Market Planning and Execution (3)
Formerly: Retail Market Planning and Execution (1-3)

Rationale: All markets that are visited are fashion in nature, and it is always presented as a 3 hour course. It will continue to be repeatable up to 6 hours. Impact on other Units: None. Impact on other units: None. Financial Impact: None.

Course	Course Impact
RCS 480	Retail and Consumer Sciences major, 1st footnote
	Retail and Consumer Sciences minor, Select 9 hours heading

REVISE (RE) PREREQUISITE

411 Entrepreneurship and Small Business Management (3)

(RE) Prerequisite(s) 346.
Formerly: 346 and Finance 300.

Rationale: As currently delivered, Finance is not needed as prerequisite for 411, but will continue to be taken as part of the business minor. Impact on other units: None. Financial Impact: None.

412 e-Retailing (3)
(RE) Prerequisite(s) 210 or Management 201.
Formerly: 341.

Rationale: Students should have completed basic RCS or management course. Impact on other units: None. Financial Impact: None.

425 Retail Category Management (3)
(RE) Prerequisite(s) 310.
Formerly: 210 and 310.

435 Retail Planning and Allocation (3)
(RE) Prerequisite(s) 310.
Formerly: 210 and 310.

Rationale: 210 is a prerequisite for 310, so doesn't need to be listed. Impact on other units: None. Financial Impact: None.

DROP (DE) PREREQUISITE

310 Retail Buying and Merchandising
Formerly: Accounting 200.

Rationale: As currently delivered, Accounting is not needed as prerequisite for 310, but will continue to be taken as part of the Business minor. Retaining our RE prerequisites. Impact on other units: None. Financial Impact: None.

DEPARTMENT OF THEORY AND PRACTICE IN TEACHER EDUCATION

(EDDE) Education of the Deaf and Hard of Hearing

ADD

310 Practicum with Deaf and Hard of Hearing (3) Supervised practicum with deaf and hard of hearing students.
Registration Restriction(s): Admission to Teacher Education.

Rationale: Our students will benefit from an additional teaching practicum like EDDE 310. Currently students only have one practicum during their senior year and we are finding that they need to experience greater connectedness between course content and application, especially in areas of classroom management and lesson planning. Impact on other units: None. Course required by EDDE program only. Financial Impact: There is no anticipated financial impact. We can teach this course without going over recommended load.

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

415 Language Development of Deaf and Hard of Hearing I (3) Language development of the deaf and hard of hearing contrasted with scope and sequence of normal language development. Formal linguistic systems used to describe language development.
(RE) Prerequisite(s): American Sign Language 211.
(DE) Prerequisite(s): 425.
Recommended Background: Portion of class is delivered in American Sign Language (ASL). Students must have at least intermediate ASL skills to enroll.
Formerly: Language problems of hearing impaired contrasted with scope and sequence of normal language development. Formal linguistic systems used to describe language development problems.
Recommended Background: Completion of an introductory course in linguistics.

Rationale: This revision is necessary because the course description had antiquated terminology that needed to be updated. Additionally, because this course is delivered partially in ASL, it is recommended that students have at least an intermediate skill level in ASL to enroll. Impact on other units: None. Course is a required course of the EDDE program only. Financial Impact: None.

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

416 Language Development of Deaf/Hard of Hearing II (3) Language assessment and intervention approaches for deaf and hard of hearing.
(RE) Prerequisite(s): 415.
Recommended Background: Portion of class is delivered in American Sign Language (ASL). Students must have at least intermediate ASL skills to enroll.

Formerly: Developmental and remedial systems of teaching language to hearing impaired children. Comprehension and production differences, idiomatic and figurative structures.

Rationale: This revision is necessary because the course description and terminology were outdated. Additionally, because this course is delivered partially in ASL, it is recommended that students have at least an intermediate skill level in ASL to enroll. Impact on other units: None. Course is a required course of the EDDE program only. Financial Impact: None.

II. PROGRAM CHANGES

REVISE COLLEGE TEXT (SERVICE LEARNING HONORS PROGRAM)

Service Learning Honors Program
The College of Education, Health and Human Sciences provides a unique opportunity for its best and brightest students to use classroom learning in solving real world problems. Through the college's honors program in service learning, students have an opportunity to apply knowledge and skills specific to their academic majors to their work with individuals and/or groups in the community.

Service-learning is a teaching and learning strategy designed to integrate class experiences with meaningful community service. The goal of our service-learning honors program is to provide students with an experiential educational model that is based on reciprocal learning including practical application of their classroom studies; service activities that emerge from and inform classroom context; and structured reflection linking service experiences back to specific learning goals. Our service-learning honors program provides students with a rigorous and relevant curriculum to teach civic responsibility and enrich their learning experiences.

Admission to the College of Education, Health and Human Sciences' Service Learning Honors Program is competitive and applicants should be aware that meeting the minimum admission criteria does not assure entry into the program. In addition to fulfillment of the minimum requirements shown below, applicants should note that an individual's personal objectives, type of field setting desired, availability of adequate faculty supervision, as well as total number of applicants are determinants in the selection process. Applicants should also note that participation in this particular honors program does not preclude participation in other honors programs.

Admission Requirements

- Admitted or applicant to one of the college's undergraduate majors.
- Attainment of a minimum cumulative 3.25 GPA (based on the completion of at least 15 semester credit hours).
- Submission of a Service Learning Honors Program application. Application available in CEHHS Office of Student Services, 332 Bailey Education Complex.
- Individual meeting with departmental coordinator. ~~Personal interview with honors steering committee and coordinator/director.~~

Program Requirements

- Two lower-division honors courses. Examples include but are not limited to PSYC 117*; SOCI 12*7; SPAN 217*, SPAN 218*; UNHO 257*, UNHO 267*, UNHO 277*, UNHO 287*. It is also possible to satisfy this requirement through lower-division honors course work in the major and/or through Honors-by-Contract*.
- ~~UNHO 337 (3) (Section Topic - Honors: Service Learning).~~
- One 3 credit hour course with a service learning component as approved by the department. This requirement may be met through Honors-by-Contract*.
- One upper-division 3 credit hour honors course in the student's academic major (e.g., CFS 497, KNS 497, RCS 497, etc.) through which the student will develop and present a capstone project at the university's annual Exhibition of Undergraduate Research and Creative achievement or at an approved similar professional venue. This requirement may be met through Honors-by-Contract*.

*Honors-by-Contract requires completion of a written contract (available in the CEHHS Student Services Office, BEC 332) delineating additional effort and is submitted to the College's honors coordinator/director by the third week of the semester.

Program Completion
Students who successfully complete the 12-hour ~~above~~ program requirements and maintain a minimum cumulative 3.25 GPA will be recognized during commencement and have their participation in the Service Learning Honors Program so noted on their official transcript.

Application Process
An application to the Service Learning Honors Program is available by appointment through Ms. Jamia Stokes, Associate Director, College of Education, Health, and Human Sciences Office of Student Services, 332 Bailey Education Complex.

Further Information
Students interested in further information regarding the College of Education, Health and Human Sciences' Service Learning Honors Program should contact the CEHHS Office of Student Services, 332 Bailey Education Complex, or call 865-974-8194. ~~following faculty members in their respective majors.~~

Departmental faculty contacts:

- Child and Family Studies – Dr. Delores Smith – delsmith@utk.edu ~~Dr. Sandra Twardosz - stwardos@utk.edu or Tel. 974-5316~~
- Kinesiology – Dr. Dawn Coe - dcoe@utk.edu ~~or Tel. 974-0294~~
- Recreation and Sport Management - Dr. Robin Hardin - robh@utk.edu ~~or Tel. 974-1281~~
- Retail Hospitality and Tourism Management – Dr. Anne Fairhurst -fairhurs@utk.edu
- Nutrition – Dr. Marsha Spence - mspence@utk.edu
- Theory Practice and Teacher Education – Dr. Sherry Bell - sbell1@utk.edu

◈ADD EDUCATION, HEALTH AND HUMAN SCIENCES EXPLORATORY MAJOR

The CEHHS Exploratory Track is for students who are considering transitioning into one of the majors in the College of Education, Health and Human Sciences. Students are assigned to advisors based on program of interest. While following this track, students will be advised in the College's Advising Center located in 332 Bailey Education Complex. Because this track is designed to help one transition into a major, it is imperative that students work closely with advisors to ensure that students select the appropriate courses. Students following the exploratory track must declare a major by the end of the fourth term. Exploratory students are required to meet with their advisor every semester.

Academic Plan

Term 1	**Hours**
ENGL 101* or ENGL 118*	3
[1]Natural Sciences Elective*	3-4
[1]Social Sciences Elective*	3
[1]Quantitative Reasoning Elective*	3
FYS 101, FYS 129	2
	14-15

Term 2	
ENGL 102*	3
[1]Natural Sciences Elective*	3
[1]Social Sciences Elective*	3
[1]Arts and Humanities Elective*	3
[1]Quantitative Reasoning Elective*	3
	15

Term 3	
[1]Communicating through Writing Elective*	3
[1]Arts and Humanities Elective*	3
[1]Cultures and Civilizations Elective*	3
[1]Communicating Orally Elective*	3
Introductory Major Course	3
	15

Term 4	

Term 5	

Milestone Notes

Term 1
2.3 cumulative GPA

Term 2
Complete at least 24 hours by the end of the term
Arts and Humanities* or Social Sciences* Elective
FYS 101, FYS 129, or COUN 205

Term 3
2.3 cumulative GPA
ENGL 102
Quantitative Reasoning Elective* (Students pursuing Kinesiology, Nutrition, Hotel, Restaurant and Tourism, Retail and Consumer Science or Sport Management must select MATH 125*.)

Term 4
Natural Sciences Elective* (Students pursuing Kinesiology or Nutrition must select CHEM 120*.)
Must declare major

Term 5
Students pursuing Child and Family Studies, Kinesiology, Nutrition, or Recreation and Sport Management must have a 2.5 cumulative GPA.
Students pursuing programs in the department of Theory and Practice in Teacher Education must have a 2.7 cumulative GPA.

*Meets University General Education Requirement

[1] Select courses from the University General Education list (unless stated otherwise in the milestone notes).

Rationale: To provide an exploratory track for students who are considering transitioning into one of the majors in the college as part of the UTracK initiative. Impact on other units: None. Financial Impact: None.

DEPARTMENT OF CHILD AND FAMILY STUDIES

◈REVISE CHILD AND FAMILY STUDIES MAJOR—COMMUNITY OUTREACH TRACK (FORMERLY NON-LICENSURE)

- Add text to differentiate UTracK requirements from progression requirements
- Separate CFS showcase into individual tracks: Non-licensure, Early Childhood Education, and Early Development and Learning and updated footnote references
- Add ELED 445 to Early Development and Learning specialty area
- Remove RSM 320 from Children and Families at Risk/Community Services specialty area
- Specify appropriate internship course for track
- Revise footnotes to accommodate the split into three showcases

Rationale: The changes reflect the need to showcase requirements for the major in 8 terms instead of 4 years. In addition, #8 is a clearer statement of the requirements for the teacher licensure curricula, and #10 reflects that the number of Advanced Social Science credit hours for the teacher licensure programs, PreK-3 and PreK-K, have been reduced from 12 to 9 and 6 hours respectively so that the total number of credit hours for those curricula will meet the 120 hour standard and to accommodate the addition of Elementary Education 445 to the PreK-K curriculum. ELED 445 is a critical methods course for learning to teach at the kindergarten level. Completion of this course is thus important for the development of PreK-K credentialed teachers. RSM 320 is now restricted to RSM majors only. Impact on other units: No impact. Financial impact: No impact.

Program Policies and Progression Requirements
The department's major is designed for students whose educational and career goals are focused on studying and working with children and families within educational programs, community services, and other professional settings. The major is designed to accommodate the special interests or strengths of students and allows for flexibility and individualization. Students design a program of study in consultation with their advisor that includes a core of required courses, a complement of specialty courses supportive of individual interests, and a 12-hour practicum that will complete their program of study. All students graduating with a child and family studies major will have in-depth knowledge about children and families, a broad integrative perspective, and means for application.

In consultation with their faculty advisor, students will select at least 27 credit hours from the list of courses meeting departmental requirements for specialty areas. Students must complete a total of three specialty areas of 9 credit hours each. Students wishing to emphasize one specialty area may satisfy two of their three specialty areas by taking 18 credit hours in that area. A course may be counted in one specialty area only and may not be used to fulfill any other elective requirement.

Students electing to pursue the early development and learning (PreK-K) or the early childhood education teacher licensure preparation (PreK-3) specialty areas will complete all courses listed in their respective Specialty Area ~~take a total of 34 credit hours in this specialty area plus an additional 3 credit hours from their advanced social science electives~~.

IMPORTANT: Progression vs. UTracK Requirements
Universal Tracking (UTracK) is an academic monitoring system designed to help students stay on track for timely graduation. UTracK requirements only affect first-time, first-year, full-time, degree-seeking students entering Fall 2013. Returning, readmitted and transfer students will continue to follow the standard progression requirements outlined below.

Progression Requirements (for returning students)
Students are expected to know the criteria they must meet in order to progress into a practicum (CFS 470, CFS 472, CFS 480, or CFS 490) and to regularly monitor their progress in meeting these criteria. Students will not be allowed to progress into the practicum until these criteria are met. If students do not appear able to meet these criteria, they are encouraged to work closely with their advisor to plan an alternative educational program. Specific information on how to apply for the practicum is available from the student's advisor. Students must work closely with their advisor to ensure that they understand the requirements for progression and that they strictly follow the application process for the practicum experience of their choice.

UTracK Requirements (for first-year students)
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.

Academic Plan

Term 1	Hours
[1]Arts and Humanities Elective*	3
ENGL 101*	3
[1]Natural Sciences Elective*	3-4
[1]Quantitative Reasoning Elective (MATH course)*	3
[2]Unrestricted Elective	2
	14-15

Term 2	
[1]Arts and Humanities Elective*	3
ENGL 102*	3
[1]Natural Sciences Elective*	3-4
[1]Quantitative Reasoning Elective (STAT course)*	3

Milestone Notes

Term 1
2.3 cumulative GPA

Term 2
Natural Sciences Elective*
Quantitative Reasoning Elective*

[3]Psychology/Sociology Elective*	3	
	15-16	
Term 3		**Term 3**
CFS 211, CFS 220*	6	Psychology/Sociology Elective*
[4]Intermediate Foreign Language*	3	
[3]Psychology/Sociology Elective*	3	
[1]Social Sciences Elective*	3	
	15	
Term 4		**Term 4**
Any HIST Elective	3	2.5 cumulative GPA
CFS 213	3	CFS 211
[4]Intermediate Foreign Language*	3	
[5]Specialty Area Elective	3	
[2]Unrestricted Elective	3	
	15	
Term 5		**Term 5**
CFS 320	3	Intermediate Foreign Language Elective*
[5]Specialty Area Electives	12	
	15	
Term 6		**Term 6**
[6]Advanced Social Sciences Elective	3	Intermediate Foreign Language Sequence*
CFS 385, CFS 395	6	One course from CFS 320, CFS 385, CFS 395
[5]Specialty Area Electives	6	
	15	
Term 7		**Term 7**
[6]Advanced Social Sciences Electives	6	No milestones
[7]CFS 405*	3	
[5]Specialty Area Electives	6	
	15	
Term 8		**Term 8**
[6]Advanced Social Sciences Elective	3	No milestones
[8]CFS 470 or CFS 480 or CFS 490	12	
	15	
TOTAL	**120**	

* Meets University General Education Requirement

1 Chosen from University General Education List. At least one of the natural sciences electives must have a laboratory. CFS 210*, CFS 220*, and the courses used to meet the Psychology/Sociology Elective requirement may not be used for the Social Sciences Elective requirement.

2 At least 54 hours in 300-400 level courses are required.

3 Select two courses from PSYC 110*, PSYC 210, PSYC 220; SOCI 110*, SOCI 120*.

4 Select six hours of the same foreign language at the intermediate level, chosen from the University General Education List.

5 Specialty Areas: Students must complete a total of 3 specialty areas of 9 credit hours each for a total of 27 credit hours. Students wishing to emphasize one specialty area may satisfy two of their three specialty areas by taking 18 credit hours in that area. A course may be counted in one specialty area only and may not be used to fulfill any other elective requirement.

6 A total of 12 hours selected from 300-400 level child and family studies courses or 300-400 level sociology, history, psychology, political science, anthropology, educational psychology, counselor education, or recreation and sports management courses.

7 Meets Communicating through Writing (WC) and Communicating Orally (OC) requirements.

8 CFS 470, CFS 480 and CFS 490 require a cumulative GPA of 2.5; completion of all prerequisites enforced by the registration system; a minimum grade of C in all child and family studies courses; completed application; student conduct and criminal background clearance. CFS 470 and CFS 480 must be completed in one semester. CFS 490 may be completed over several semesters.

Specialty Areas

Specialty electives are grouped into specialty areas. Students must complete a total of 3 specialty areas of 9 credit hours each for a total of 27 credit hours. Students wishing to emphasize one specialty area may satisfy two of their three specialty areas by taking 18 credit hours in that area. A course may be counted in one specialty area only and may not be used to fulfill any other elective requirement. Check the Undergraduate Catalog for any prerequisites required for these courses.

Advanced Child Development

AUSP 320 - Speech and Language Development
CFS 481 - Research in Child and Family Studies
CFS 485 - Special Topics in Child and Family Studies
EDDE 425 - Introduction to the Psychology and Education of the Deaf/Hard of Hearing
EDPY 431 - Personality and Mental Health

PSYC 310 - Learning and Thinking
PSYC 320 - Motivation
PSYC 360 - Social Psychology
PSYC 400 - Cognitive Psychology: Language and Symbolic Processes
PSYC 470 - Theories of Personality
PSYC 475 - Adolescent Development
SOCI 370 - Social Psychology
SPED 470 - Psychology of the Exceptional Child

Child and Family Diversity
AFST 201 - Introduction to African-American Studies *
AFST 202 - Introduction to African-American Studies *
AFST 429 - History and Philosophy of African-American Education
AFST 473 - Black Male in American Society
AFST 480 - African-American Communities in Urban America
AFST 484 - African-American Women in American Society
ANTH 130 - Cultural Anthropology
ANTH 410 - Principles of Cultural Anthropology
ANTH 413 - Dynamics of Culture
CFS 312 - Families in Middle and Later Adulthood
CFS 481 - Research in Child and Family Studies
NURS 400 - Aging and Society
REST 320 - Women and Religion
SOCI 341 - Social Inequalities
SOCI 343 - Race and Ethnicity
WOST 220 - Women in Society
WOST 360 - Women in Cross-Cultural Perspective
WOST 382 - Philosophy of Feminism *
WOST 434 - Psychology of Gender

Children and Families at Risk/Community Services
CFS 481 - Research in Child and Family Studies
CMST 210 - Public Speaking *
CMST 416 - Interpersonal Health Communication
CMST 442 - Organizational Communication Processes
PBRL 270 - Public Relations Principles
PHIL 345 - Bioethics *
POLS 311 - Contemporary Issues in American Public Policy
POLS 312 - Popular Culture and American Politics
POLS 340 - Introduction to Public Administration and Public Policy
PSYC 330 - Abnormal Psychology
PSYC 430 - Health Psychology
PUBH 300 - Introduction to Public Health
PUBH 305 - Disease Epidemiology, Prevention, and Control
PUBH 430 - Suicide and Crisis Intervention
SOCI 110 - Social Problems and Social Justice *
SOCI 341 - Social Inequalities
SOCI 352 - Deviance and Social Control
SOCI 449 - Juvenile Delinquency and Social Policy
SOWK 200 - Introduction to Social Work
SOWK 250 - Social Welfare
SPED 470 - Psychology of the Exceptional Child
WOST 340 - Women, Politics, and the Law

Early Childhood Education Teacher Licensure (PreK-3) (all courses are required)
CFS 106 - Introduction to ECE
CFS 350 - Early Childhood Education I: Environments for Children
CFS 351 - Early Childhood Education II: Curricula and Program Development for Young Children
CFS 353 - Reading, Language, and Literacy
CFS 422 - Early Childhood Teaching Methods
EDPY 401 - Professional Studies: Applied Educational Psychology
ELED 445 - Early Childhood Education: Program Development and Teaching in Kindergarten
INSC 330 - Books and Related Materials for Children
REED 430 - Elementary and Middle School Developmental Reading Instruction
SPED 402 - Professional Studies: Special Education and Diverse Learners
TPTE 486 - Integrating Technology into the Curriculum

Early Development and Learning (PreK-K) (all courses are required)
AUSP 320 - Speech and Language Development
CFS 106 - Introduction to ECE

CFS 350 - Early Childhood Education I: Environments for Children
CFS 353 - Reading, Language, and Literacy
CFS 423 - PreK-K Teaching Methods
EDPY 401 - Professional Studies: Applied Educational Psychology
ELED 445 - Early Childhood Education: Program Development and Teaching in Kindergarten
SPED 402 - Professional Studies: Special Education and Diverse Learners
SPED 410 - Early Childhood Special Education Foundations
SPED 471 - Early Childhood Special Education
TPTE 486 - Integrating Technology into the Curriculum

Family Life Education
ALEC 211 - Foundations of Agricultural Leadership, Education and Communications
CFS 240 - Human Sexuality
CFS 345 - Family Resource Management
CFS 360 - Family Stress
CFS 440 - Family Life and Parent Education
CFS 481 - Research in Child and Family Studies
CMST 312 - Survey of Interpersonal Communication
CMST 352 - Communication Theory
CMST 410 - Family Communication
CMST 412 - Close Relationships
CMST 414 - Persuasion
CMST 419 - Interpersonal Conflict
CMST 444 - Group Communication
COUN 480 - Skills for Counseling
EDPY 210 - Psychoeducational Issues in Human Development *
PHIL 244 - Professional Responsibility *
PSYC 409 - Group Facilitation

Working with Children
AUSP 300 - Introduction to Communication Disorders
ARED 301 - Foundation of Art Education
CFS 106 - Introduction to ECE
CFS 350 - Early Childhood Education I: Environments for Children
CFS 351 - Early Childhood Education II: Curricula and Program Development for Young Children
CFS 353 - Reading, Language, and Literacy
CFS 481 - Research in Child and Family Studies
ELED 445 - Early Childhood Education: Program Development and Teaching in Kindergarten
INSC 330 - Books and Related Materials for Children

◈REVISE CHILD AND FAMILY STUDIES MAJOR—EARLY CHILDHOOD EDUCATION TEACHER LICENSURE PRE K-3 TRACK

- Add text to differentiate UTracK requirements from progression requirements
- Separate CFS showcase into individual tracks: Non-licensure, Early Childhood Education, and Early Development and Learning and updated footnote references
- Reduce elective hours from 5 hours to 1 hour
- Specify appropriate internship course for track
- Drop one advanced social sciences elective
- Incorporate specialty area courses into the showcase
- Revise footnotes to accommodate the split into three showcases

Rationale: The changes reflect the need to showcase requirements for the major in 8 terms instead of 4 years. In addition, #8 is a clearer statement of the requirements for the teacher licensure curricula, and #10 reflects that the number of Advanced Social Science credit hours for the teacher licensure programs, PreK-3 and PreK-K, have been reduced from 12 to 9 and 6 hours respectively so that the total number of credit hours for those curricula will meet the 120 hour standard and to accommodate the addition of Elementary Education 445 to the PreK-K curriculum.
Impact on other units: No impact. Financial impact: No impact.

Program Policies and Progression Requirements
The department's major is designed for students whose educational and career goals are focused on studying and working with children and families within educational programs, community services, and other professional settings. The major is designed to accommodate the special interests or strengths of students and allows for flexibility and individualization. Students design a program of study in consultation with their advisor that includes a core of required courses, a complement of specialty courses supportive of individual interests, and a 12-hour practicum that will complete their program of study. All students graduating with a child and family studies major will have in-depth knowledge about children and families, a broad integrative perspective, and means for application.

In consultation with their faculty advisor, students will select at least 27 credit hours from the list of courses meeting departmental requirements for specialty areas. Students must complete a total of three specialty areas of 9 credit hours each. Students wishing to

emphasize one specialty area may satisfy two of their three specialty areas by taking 18 credit hours in that area. A course may be counted in one specialty area only and may not be used to fulfill any other elective requirement.

Students electing to pursue the early development and learning (PreK-K) or the early childhood education teacher licensure preparation (PreK-3) specialty areas will complete all courses listed in their respective Specialty Area ~~take a total of 34 credit hours in this specialty area plus an additional 3 credit hours from their advanced social science electives~~.

IMPORTANT: Progression vs. UTracK Requirements
Universal Tracking (UTracK) is an academic monitoring system designed to help students stay on track for timely graduation. UTracK requirements only affect first-time, first-year, full-time, degree-seeking students entering Fall 2013. Returning, readmitted and transfer students will continue to follow the standard progression requirements outlined below.

Progression Requirements (for returning students)
Students are expected to know the criteria they must meet in order to progress into a practicum (CFS 470, CFS 472, CFS 480, or CFS 490) and to regularly monitor their progress in meeting these criteria. Students will not be allowed to progress into the practicum until these criteria are met. If students do not appear able to meet these criteria, they are encouraged to work closely with their advisor to plan an alternative educational program. Specific information on how to apply for the practicum is available from the student's advisor. Students must work closely with their advisor to ensure that they understand the requirements for progression and that they strictly follow the application process for the practicum experience of their choice.

UTracK Requirements (for first-year students)
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.

Academic Plan		Milestone Notes
Term 1	**Hours**	**Term 1**
[1]Arts and Humanities Elective*	3	2.3 cumulative GPA
ENGL 101*	3	
[1]Natural Sciences Elective*	3-4	
[2]Psychology/Sociology Elective*	3	
[1]Quantitative Reasoning Elective (MATH course)*	3	
	15-16	
Term 2		**Term 2**
[1]Arts and Humanities Elective*	3	Natural Sciences Elective*
[3]CFS 106	3	Quantitative Reasoning Elective*
ENGL 102*	3	
[1]Natural Sciences Elective*	3-4	
[1]Quantitative Reasoning Elective (STAT course*)	3	
	15-16	
Term 3		**Term 3**
CFS 211, CFS 220*	6	Psychology/Sociology Elective*
[4]Intermediate Foreign Language*	3	
[2]Psychology/Sociology Elective*	3	
[1]Social Sciences Elective*	3	
	15	
Term 4		**Term 4**
[5]Advanced Social Sciences Electives	6	2.7 cumulative GPA
Any HIST Elective	3	CFS 211
CFS 213	3	
[4]Intermediate Foreign Language*	3	
	15	
Term 5		**Term 5**
CFS 320, [3]CFS 350, CFS 385, CFS 395	13	Intermediate Foreign Language Elective*
[3]INSC 330	3	
	16	
Term 6		**Term 6**
[3]CFS 351, [3]CFS 353	7	Intermediate Foreign Language Sequence*
[3]EDPY 401	3	One course from CFS 320, CFS 385, CFS 395
[3]ELED 445	3	
[3]TPTE 486	3	
	16	
Term 7		**Term 7**

[8]CFS 422, [6]CFS 405*	9	No milestones
[8]REED 430	2	
[8]SPED 402	3	
Unrestricted Elective	1	
	15	
Term 8		**Term 8**
[7]CFS 470	12	No milestones
	12	
TOTAL	**120**	

* Meets University General Education Requirement

[1] Chosen from University General Education List. At least one of the natural sciences electives must have a laboratory. CFS 210*, CFS 220*, and the courses used to meet the Psychology/Sociology Elective requirement may not be used for the Social Sciences Elective requirement.

[2] Select two courses from PSYC 110*, PSYC 210, PSYC 220; SOCI 110*, SOCI 120*.

[3] Early Childhood Education Teacher Licensure (PreK-3) Specialty Area courses.

[4] Select six hours of the same foreign language at the intermediate level, chosen from the University General Education List.

[5] A total of 6 hours selected from 300-400 level child and family studies courses or 300-400 level sociology, history, psychology, political science, anthropology, educational psychology, counselor education, or recreation and sports management courses.

[6] Meets Communicating through Writing (WC) and Communicating Orally (OC) requirements.

[7] CFS 470 requires a cumulative GPA of 2.7; completion of all prerequisites enforced by the registration system; a minimum grade of C in all child and family studies courses; completed application; student conduct and criminal background clearance. CFS 470 must be completed in one semester.

Rationale: The 2012-2013 CFS undergraduate catalog does not contain a showcase for the PreK-3 teacher licensure concentration. Information about the concentration was included in the program description and in Specialty Area details. The addition of the PreK-3 showcase in this and future catalogs highlights the requirements and milestones for the PreK-3 curriculum. In addition, the showcase reflects the reduction of the required number of Advanced Social Sciences credit hours from 12 to 9 to accommodate the 120 total credit hour standard for the bachelor degree (#9) and makes clear the requirements for the PreK-3 licensure curriculum (#8). Impact on other units: No impact. Financial impact: No impact.

◈REVISE CHILD AND FAMILY STUDIES MAJOR—EARLY DEVELOPMENT AND LEARNING PRE K-K TRACK

- Add text to differentiate UTracK requirements from progression requirements
- Separate CFS showcase into individual tracks: Non-licensure, Early Childhood Education, and Early Development and Learning and updated footnote references
- Reduce elective hours from 5 hours to 1 hour
- Drop two advanced social sciences electives
- Add ELED 445 (3 hours)
- Specify appropriate internship course for track
- Incorporate specialty area courses into the showcase

Rationale: The changes reflect the need to showcase requirements for the major in 8 terms instead of 4 years. In addition, #8 is a clearer statement of the requirements for the teacher licensure curricula, and #10 reflects that the number of Advanced Social Science credit hours for the teacher licensure programs, PreK-3 and PreK-K, have been reduced from 12 to 9 and 6 hours respectively so that the total number of credit hours for those curricula will meet the 120 hour standard and to accommodate the addition of Elementary Education 445 to the PreK-K curriculum. Impact on other units: No impact. Financial impact: No impact.

Program Policies and Progression Requirements

The department's major is designed for students whose educational and career goals are focused on studying and working with children and families within educational programs, community services, and other professional settings. The major is designed to accommodate the special interests or strengths of students and allows for flexibility and individualization. Students design a program of study in consultation with their advisor that includes a core of required courses, a complement of specialty courses supportive of individual interests, and a 12-hour practicum that will complete their program of study. All students graduating with a child and family studies major will have in-depth knowledge about children and families, a broad integrative perspective, and means for application.

In consultation with their faculty advisor, students will select at least 27 credit hours from the list of courses meeting departmental requirements for specialty areas. Students must complete a total of three specialty areas of 9 credit hours each. Students wishing to emphasize one specialty area may satisfy two of their three specialty areas by taking 18 credit hours in that area. A course may be counted in one specialty area only and may not be used to fulfill any other elective requirement.

Students electing to pursue the early development and learning (PreK-K) or the early childhood education teacher licensure preparation (PreK-3) specialty areas will complete all courses listed in their respective Specialty Area ~~take a total of 34 credit hours in this specialty area plus an additional 3 credit hours from their advanced social science electives~~.

IMPORTANT: Progression vs. UTracK Requirements

Universal Tracking (UTracK) is an academic monitoring system designed to help students stay on track for timely graduation. UTracK requirements only affect first-time, first-year, full-time, degree-seeking students entering Fall 2013. Returning, readmitted and transfer students will continue to follow the standard progression requirements outlined below.

Progression Requirements (for returning students)

Students are expected to know the criteria they must meet in order to progress into a practicum (CFS 470, CFS 472, CFS 480, or CFS 490) and to regularly monitor their progress in meeting these criteria. Students will not be allowed to progress into the practicum until these criteria are met. If students do not appear able to meet these criteria, they are encouraged to work closely with their advisor to plan an alternative educational program. Specific information on how to apply for the practicum is available from the student's advisor. Students must work closely with their advisor to ensure that they understand the requirements for progression and that they strictly follow the application process for the practicum experience of their choice.

UTracK Requirements (for first-year students)

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.

Academic Plan		Milestone Notes
Term 1	**Hours**	**Term 1**
[1]Arts and Humanities Elective*	3	2.3 cumulative GPA
ENGL 101*	3	
[1]Natural Sciences Elective*	3-4	
[2]Psychology/Sociology Elective*	3	
[1]Quantitative Reasoning Elective (MATH course)*	3	
	15-16	
Term 2		**Term 2**
[1]Arts and Humanities Elective*	3	Natural Sciences Elective*
[3]CFS 106	3	Quantitative Reasoning Elective*
ENGL 102*	3	
[1]Natural Sciences Elective*	3-4	
[1]Quantitative Reasoning Elective (STAT course)*	3	
	15-16	
Term 3		**Term 3**
CFS 211, CFS 220*	6	Psychology/Sociology Elective*
[4]Intermediate Foreign Language*	3	
[2]Psychology/Sociology Elective*	3	
[1]Social Sciences Elective*	3	
	15	
Term 4		**Term 4**
[3]AUSP 320	3	2.7 cumulative GPA
Any HIST Elective	3	CFS 211
CFS 213	3	
[4]Intermediate Foreign Language*	3	
	12	
Term 5		**Term 5**
CFS 320, [3]CFS 350, CFS 385, CFS 395	13	Intermediate Foreign Language Elective*
	13	
Term 6		**Term 6**
[5]Advanced Social Sciences Elective (CFS 351 recommended)	3	Intermediate Foreign Language Sequence*
[6]CFS 405*	3	One course from CFS 320, CFS 385, CFS 395
[3]EDPY 401	3	
[3]SPED 402, [3]SPED 410	6	
Unrestricted Elective	1	
	16	
Term 7		**Term 7**
[3]CFS 353, [3]CFS 423	9	No milestones
[3]ELED 445	3	
[3]SPED 471	6	
	18	
Term 8		**Term 8**

[7]CFS 472	12	No milestones
[8]TPTE 486	3	
	15	
TOTAL	**120**	

* Meets University General Education Requirement

[1] Chosen from University General Education List. At least one of the natural sciences electives must have a laboratory. CFS 210*, CFS 220*, and the courses used to meet the Psychology/Sociology Elective requirement may not be used for the Social Sciences Elective requirement.

[2] Select two courses from PSYC 110*, PSYC 210, PSYC 220; SOCI 110*, SOCI 120*.

[3] Early Development and Learning Pre K-K Specialty Area courses.

[4] Select six hours of the same foreign language at the intermediate level, chosen from the University General Education List.

[5] 3 hours selected from 300-400 level child and family studies courses or 300-400 level sociology, history, psychology, political science, anthropology, educational psychology, counselor education, or recreation and sports management courses. CFS 351, Early Childhood Education II is recommended.

[6] Meets Communicating through Writing (WC) and Communicating Orally (OC) requirements.

[7] Registration for this course requires a cumulative GPA of 2.7, including transfer credits; completion of all course prerequisites enforced by the registration system; a minimum grade of C in all CFS courses and all teacher education courses; completed application; and student conduct and criminal background clearance.

Rationale: The 2012-2013 CFS undergraduate catalog does not contain a showcase for the PreK-K teacher licensure concentration. Information about the concentration was included in the program description and in Specialty Area details. The addition of the PreK-K showcase in this and future catalogs highlights the requirements and milestones for the PreK-K curriculum. In addition, the showcase reflects the reduction of the required number of Advanced Social Sciences credit hours from 12 to 6 to accommodate the 120 total credit hour standard for the bachelor degree and to accommodate the addition of ElemEdu 445 to the curriculum (#9), and it makes clear the requirements for the PreK-3 licensure curriculum (#8). Impact on other units: No impact. Financial impact: No impact.

DEPARTMENT OF KINESIOLOGY, RECREATION, AND SPORT STUDIES

REVISE KINESIOLOGY MAJOR

- Add text to differentiate UTracK requirements from progression requirements
- Remove RSM 320 from elective options

Rationale: The changes reflect the need to showcase requirements for the major in 8 terms instead of 4 years. RSM 320 is now restricted to RSM majors only. Impact on other units: No impact. Financial impact: No impact.

The Kinesiology major prepares students for a variety of careers in health-related fitness and for graduate or professional study in medicine, allied health professions (including physical therapy), and various fields within kinesiology (exercise physiology, biomechanics, sport psychology, etc.).

IMPORTANT: Progression vs. UTracK Requirements
Universal Tracking (UTracK) is an academic monitoring system designed to help students stay on track for timely graduation. UTracK requirements only affect first-time, first-year, full-time, degree-seeking students entering Fall 2013. Returning, readmitted and transfer students will continue to follow the standard progression requirements outlined below.

Progression and Retention Requirements (for returning students)
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 must be admitted 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 with a Kinesiology faculty member.

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 electives.

Students admitted into the kinesiology major must have a cumulative GPA of 2.5 to register for all 400-level kinesiology classes.

UTracK Requirements (for first-year students)
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.

Service Learning Honors Program

Kinesiology majors have the opportunity to participate in the college's Service Learning Honors Program. For eligibility and requirements, see Service Learning Honors Program.

Academic Plan		Milestone Notes
Term 1	**Hours**	**Term 1**
[1]Arts and Humanities Elective*	3	2.3 cumulative GPA
CHEM 120*	4	
ENGL 101*	3	
[2]MATH 125* or MATH 141*	3	
[3]Physical Education Activity Program Electives	2	
	15	
Term 2		**Term 2**
CHEM 130*	4	MATH 125* or MATH 141*
ENGL 102*	3	
MATH 115* or STAT 201*	3	
PSYC 110*	3	
[4]Unrestricted Elective	3	
	16	
Term 3		**Term 3**
BCMB 230	5	2.3 cumulative GPA
CMST 210* or CMST 240*	3	CHEM 130*
KNS 100	1	
PHYS 221*	4	
[3]Physical Education Activity Program Electives	2	
	15	
Term 4		**Term 4**
[1]Arts and Humanities Elective*	3	KNS 100
[1]Cultures and Civilizations Elective*	3	PHYS 221*
KNS 260	1	
NUTR 100*	3	
PHYS 222*	4	
	14	
Term 5		**Term 5**
ENGL 295* or ENGL 360* or PHIL 252* or PHIL 345*	3	2.5 cumulative GPA
[5]Department Electives	6	BCMB 230
KNS 332	3	
[1]Social Sciences Elective*	3	
Term 6		**Term 6**
[1]Cultures and Civilizations Elective*	3	2.5 cumulative GPA
KNS 335, KNS 350	6	KNS 332
[6]Professional Electives	6	
	15	
Term 7		**Term 7**
[5]Department Electives	6	2.5 cumulative GPA
[7]KNS 414, [7]KNS 422	6	
[4]Unrestricted Elective	3	
	15	
Term 8		**Term 8**
[7]KNS 480	3	No milestones
[6]Professional Electives	9	
[4]Unrestricted Elective	3	
	15	
TOTAL	**120**	

* Meets University General Education Requirement.

[1] Select courses from the University General Education list.

[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 a general elective.

[3] Student must pass a total of 4 hours in physical education classes. Participation in athletic competition does not count toward these hours. See advisor.

[4] Classes that do not count in other areas of the Kinesiology curriculum can be counted as general electives.

[5] Select courses from KNS 231, KNS 290, KNS 365, KNS 370, KNS 380, KNS 426, KNS 440, KNS 450, 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.

[6] Select courses from ACCT 200; ANTH 480; any BCMB course; BIOL 101*, BIOL 102*, BIOL 130*, BIOL 140*; CFS 210*; CHEM 350, CHEM 358, CHEM 360, CHEM 368, CHEM 369; CLAS 273; CMST 416; COSC 100*; ECON 201*; EEB 240; FINC 300;

KNS 231, KNS 290, KNS 365, KNS 370, KNS 380, KNS 426, KNS 440, KNS 450, KNS 490, KNS 493, KNS 497; MARK 300; MGT 201, MGT 300; MICR 210*; NURS 351; NUTR 302; PHIL 244*, PHIL 252*; PSYC 210, PSYC 220, PSYC 300, 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 300, PUBH 311; 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.

[7] Kinesiology students must have a cumulative minimum GPA of 2.5 to register for these courses.

REVISE RECREATION AND SPORT MANAGEMENT MAJOR—SPORT MANAGEMENT CONCENTRATION

- Add text to differentiate UTracK requirements from progression requirements
- Add footnote that upper-level business courses must be taken at UTK
- Convert 4th year KNS/RSM requirement into a footnote

Rationale: The changes reflect the need to showcase requirements for the major in 8 terms instead of 4 years. Impact on other units: No impact. Financial impact: No impact.

The Recreation and Sport Management major with a concentration in Sport Management prepares students interested in working in the sport industry. The program combines the sport management curriculum with a minor in business administration. The program concludes with a semester-long internship experience.

IMPORTANT: Progression vs. UTracK Requirements
Universal Tracking (UTracK) is an academic monitoring system designed to help students stay on track for timely graduation. UTracK requirements only affect first-time, first-year, full-time, degree-seeking students entering Fall 2013. Returning, readmitted and transfer students will continue to follow the standard progression requirements outlined below.

Progression Requirements (for returning students)
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 July 1 to be considered for the following term. A complete application and all progression requirements must be met to be admitted.

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.

UTracK Requirements (for first-year students)
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.

Service Learning Honors Program
Recreation and Sport Management majors with a concentration in Sport Management have the opportunity to participate in the college's Service Learning Honors Program. For eligibility and requirements, see Service Learning Honors Program.

Academic Plan

Term 1	Hours
[1]Cultures and Civilizations Electives*	3
ENGL 101*	3
RSM 100	1
[1]Social Sciences Elective*	3
[2]Unrestricted Electives	6
	16

Term 2	
[1]Arts and Humanities Elective*	3
[1]Cultures and Civilizations Elective*	3
ENGL 102*	3
MATH 125* or MATH 141*	3-4

Milestone Notes

Term 1
2.5 cumulative GPA

Term 2
2.5 cumulative GPA
ENGL 101*

[2]Unrestricted Elective	3	
	15-16	
Term 3		**Term 3**
[3]ACCT 200	3	2.5 cumulative GPA
CMST 210* or CMST 240*	3	MATH 125* or MATH 141*
[3]ECON 201*	4	
[1]Natural Sciences Elective*	3-4	
RSM 250	3	
	16-17	
Term 4		**Term 4**
[3]MGT 201	3	RSM 100
[1]Natural Sciences Elective*	3-4	
RSM 290	3	
[3]STAT 201*	3	
	12-13	
Term 5		**Term 5**
[3,4]MARK 300	3	RSM 250
[3,4]MGT 300	3	
RSM 335 or RSM 336	3	
[2]Unrestricted Electives	6	
	15	
Term 6		**Term 6**
[1]Arts and Humanities Elective*	3	RSM 290
[1]Communicating through Writing Elective*	3	
[3,4]FINC 300	3	
[5]RSM 350, [5]RSM 390	6	
	15	
Term 7		**Term 7**
[6]Recreation and Sport Management Electives	15	RSM 390
	15	
Term 8		**Term 8**
[5]RSM 490	12	No milestones
[6]Recreation and Sport Management Elective	3	
	15	
TOTAL	**120**	

* Meets University General Education Requirement.

1 Select courses from the University General Education list. At least one of the natural sciences electives must have a laboratory.

2 Select any course not already required for the major.

3 Business administration minor requirement.

4 Must be taken at UTK.

5 Requires progression into the recreation and sport management major.

6 May choose from KNS 490; RSM 310, RSM 330, 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 progression into the recreation and sport management major.

REVISE RECREATION AND SPORT MANAGEMENT MAJOR—THERAPEUTIC RECREATION CONCENTRATION

- Add text to differentiate UTracK requirements from progression requirements
- Drop one arts and humanities elective (-3 hrs)
- Drop KNS 290 (-3 hrs)
- Add KNS 290 as an option for the Professional Support Course Elective
- Add RSM 405 (+3 hrs)
- Add Professional Support Course Elective (+3 hrs)

Rationale: The changes reflect the need to showcase requirements for the major in 8 terms instead of 4 years. Impact on other units: No impact. Financial impact: No impact.

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 in mental health and 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.

IMPORTANT: Progression vs. UTracK Requirements
Universal Tracking (UTracK) is an academic monitoring system designed to help students stay on track for timely graduation. UTracK requirements only affect first-time, first-year, full-time, degree-seeking students entering Fall 2013. Returning, readmitted and transfer students will continue to follow the standard progression requirements outlined below.

Progression Requirements (for returning students)
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 July 1 to be considered for the following term. A complete application and all progression requirements must be met to be admitted.

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.

UTracK Requirements (for first-year students)
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.

Service Learning Honors Program
Recreation and Sport Management majors with a concentration in Sport Management have the opportunity to participate in the college's Service Learning Honors Program. For eligibility and requirements, see Service Learning Honors Program.

Academic Plan

Term 1	Hours
CFS 210*	3
[1]CHEM 100* or CHEM 120* or BIOL 101*	4
ENGL 101*	3
PSYC 110*	3
[2]Quantitative Reasoning Elective*	3
	16
Term 2	
[1]CHEM 110* or CHEM 130* or BIOL 102*	4
ENGL 102*	3
[2]Quantitative Reasoning Elective*	3
RSM 201	4
	14
Term 3	
CLAS 273	3
CMST 210* or CMST 240*	3
[3]RSM 320, [3]RSM 325	6
[4]Unrestricted Elective	4
	16
Term 4	
[1]BCMB 230	5
[2]Cultures and Civilizations Elective*	3
PHIL 252*	3
RSM 226, [3]RSM 290	6
	17
Term 5	
[2]Arts and Humanities Elective*	3
[2]Cultures and Civilizations Elective*	3
KNS 332 or EEB 240	3-4
[5]Professional Support Course Elective	3
PSYC 330	3
	15-16

Milestone Notes

Term 1
2.5 cumulative GPA

Term 2
2.5 cumulative GPA
ENGL 101*

Term 3
2.5 cumulative GPA
Quantitative Reasoning Elective*

Term 4
2.5 cumulative GPA
PSYC 110*

Term 5
RSM 201

Term 6		Term 6
[3]RSM 310, RSM 326, [3]RSM 390	9	No milestones
[5]Professional Support Course Electives	6	
	15	
Term 7		**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	
	15	
Term 8		**Term 8**
[3,6]RSM 490	12	No milestones
	12	
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 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 or KNS 290.
[6]Must meet guidelines for national NCTRC certification.

DEPARTMENT OF NUTRITION

REVISE NUTRITION MAJOR

- Add text to differentiate UTracK requirements from progression requirements
- Reduce electives (-3 hrs)
- Add food science elective as an option with HRT 101
- Add note to 3 hrs of electives (MATH 119 recommended if needed)
- Add ENGL 295 or ENGL 360 (+3 hrs)

Rationale: These changes allow compliance with U-Track.The addition of the "or approved Food Science course" to Term 6 will allow NUTR the time necessary to continue to pursue an appropriate replacement course for HRT 101, as HRT 101 has served to meet key program accreditation requirements but will no longer be a routine option for NUTR students. FDST is currently allowing NUTR students to take FDST 241, as a temporary solution, and the potential for this course or an alternative FDST course to permanently replace HRT 101 will be evaluated prior to the next catalogue revision (for fall 2014). In addition, at present, NUTR students receive technical writing experience primarily in NUTR 412. With the gradual increase in class size, this has greatly increased the burden on instructors of record, and has resulted in increased student dissatisfaction. Therefore, in order to assure adequate and satisfactory technical writing experience, the NUTR faculty has voted to phase out the writing component of NUTR 412 by spring 2015, and to add a technical writing course elective to the junior year of the curriculum. Communication with the English Department has resulted in the suggestion of ENGL 295 or 360, as both provide technical writing competencies and are able to accommodate NUTR students.Impact on other units: English Department has been working with us to identify appropriate courses. An email thread, resulting in suggestion of these two options by the Director of Undergraduate Studies, Department of English is available. Financial Impact: Pending. If a replacement course for HRT 101 isn't found, it may become necessary to hire an adjunct to cover this content since the course is important to Nutrition's accreditation.

This major is designed for students interested in basic and applied sciences. Students are expected to acquire advanced education in chemistry. The Bachelor of Science in Health and Human Sciences with a major in nutrition is currently granted approval status by the Accreditation Council for Education in Nutrition and Dietetics of the Academy of Nutrition and Dietetics, 120 S. Riverside Plaza, Chicago, Illinois 60606-6995, (312) 899-0040, url http://www.eatright.org/ACEND. These requirements are regarded as the basic education component for the preparation of persons entering the dietetic profession. The generalist emphasis of this program prepares individuals to enter the dietetic profession in general dietetics and includes nutrition, foodservice systems management, management theory and principles and communication sciences including computer and statistical applications. Graduates are prepared to enter accredited dietetic internships. An internship experience completes academic and practice requirements for eligibility as a member of the Academy of Nutrition and Dietetics and qualifies the graduate to apply for the Registration Examination to become a Registered Dietitian (RD). Students may receive more information from the department about RD requirements. RDs work as members of health care teams in acute care hospitals and community-based settings, home health care programs, college and university foodservice facilities, wellness clinics and private practice. Extension Service and food companies are also avenues of employment.

IMPORTANT: Progression vs. UTracK Requirements

Universal Tracking (UTracK) is an academic monitoring system designed to help students stay on track for timely graduation. UTracK requirements only affect first-time, first-year, full-time, degree-seeking students entering Fall 2013. Returning, readmitted and transfer students will continue to follow the standard progression requirements outlined below.

Progression and Retention Requirements (for returning students)
Progression in the nutrition major requires a minimum undergraduate UT cumulative GPA of 2.8 after a minimum 45 hours of undergraduate coursework and completion of CHEM 120*-CHEM 130*, BCMB 230, and NUTR 100* with a grade of C or higher. Transfer cumulative GPA will be used for new transfer students. If all courses are not yet completed, provisional admission may be offered contingent upon successfully meeting course requirements prior to start of the fall semester. Applications are due February 1 and are available on the departmental website.

Students admitted to the major must enroll in NUTR 311 and should enroll in HRT 210 in the fall semester in order to remain in the program. If CHEM 350 has not yet been completed, students must also enroll in it for the fall semester. Students admitted to the major must enroll in NUTR 313 and NUTR 314 in the subsequent spring semester in order to remain in the program. If a student earns a grade of less than C in a nutrition course, he/she will be dropped from the program and must reapply. In order to graduate with a major in nutrition, students must earn a grade of C or better in every required nutrition course.

UTracK Requirements (for first-year students)
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.

Academic Plan

Term 1	Hours
CHEM 120*	4
ENGL 101*	3
[1]Unrestricted Elective (MATH 119 recommended if needed)	3
NUTR 100*	3
PSYC 110*	3
	16

Term 2	
CHEM 130*	4
ENGL 102*	3
[1]MATH 125* or MATH 141*	3-4
[2]Social Sciences Elective*	3
	13-14

Term 3	
BCMB 230	5
CHEM 350	3
[2]Cultures and Civilizations Elective*	3
NUTR 201	1
[1]Unrestricted Elective	3
	15

Term 4	
[2]Arts and Humanities Elective*	3
[2]Cultures and Civilizations Elective*	3
MICR 210*	3
NUTR 302	3
STAT 201*	3
	15

Term 5	
CMST 240*	3
HRT 210	3
[4]NUTR 311	4
[1]Unrestricted Electives	6
	16

Term 6	
ACCT 200	3
[4,5]HRT 101 or approved Food Science course	3
[4]NUTR 313, [4]NUTR 314	6
[1]ENGL 295* or ENGL 360*	3
	15

Milestone Notes

Term 1
2.5 cumulative GPA

Term 2
CHEM 120* with a grade of C or better

Term 3
2.8 cumulative GPA
CHEM 130* with a grade of C or better
NUTR 100* with a grade of C or better

Term 4[3]
BCMB 230 with a grade of C or better
CHEM 350

Term 5
PSYC 110*

Term 6
No milestones

Term 7	
CLAS 273	3
[4]NUTR 303, [4]NUTR 410, [4]NUTR 415, [4]NUTR 422	9
[1]Unrestrictedd Elective	3
	15
Term 8	
[2]Arts and Humanities Elective*	3
[4]NUTR 412*, [4]NUTR 416, [4]NUTR 420, [4]NUTR 423	10
[1]Unrestricted Elective	2
	15
TOTAL	**120**

Term 7
No milestones

Term 8
No milestones

* Meets University General Education Requirement.
[1] Select any courses not already required for the major. Students who do not place into MATH 125* or MATH 141* will first take MATH 119 or MATH 123*, which can be used as an elective.
[2] Select courses from the University General Education list.
[3] Submit form for continuation in the major by Feb 1st. See Advisor.
[4] Must be taken at UTK
[5] See a CEHHS or NUTR advisor for appropriate Food Science course selection.

DEPARTMENT OF RETAIL, HOSPITALITY AND TOURISM MANAGEMENT

REVISE HOTEL, RESTAURANT AND TOURISM MAJOR

- Add text to differentiate UTracK requirements from progression requirements
- Add footnote that upper-level business courses must be taken at UTK
- Add note to 3 hrs of electives (MATH 119 recommended if needed)
- Add HRT 493 as an option for the HRT elective

Rationale: Department is revising curriculum to reflect 8 terms (rather than 4 years), and providing milestones as part of the university's UTracK efforts. 493 Independent Study fills a hole where a class is truly independent, with less direction that is provided by our current 494 Directed Study. Impact on Other Units: none. Financial Impact: none.

The hotel, restaurant and tourism major focuses on meeting the middle- and upper-level management needs of the food and lodging industry. It is a program that assists students in getting the breadth of knowledge, responsibility and creativity to meet the changing environment of complex management problems in industry. A business minor is built into the degree requirements.

The major requires extensive field experience. The curriculum provides a strong base in management and practical application of these skills. The general education electives help students to sharpen their analytical, conceptual, and communications abilities. Graduates may start as management trainees in restaurants, foodservice, hotels, support industries, or in tourism operations with subsequent upward mobility into management positions.

IMPORTANT: Progression vs. UTracK Requirements
Universal Tracking (UTracK) is an academic monitoring system designed to help students stay on track for timely graduation. UTracK requirements only affect first-time, first-year, full-time, degree-seeking students entering Fall 2013. Returning readmitted and transfer students will continue to follow the standard progression requirements outlined below.

Progression Requirements (for returning students)
Students should apply for progression into the major after completing at least three of the following HRT 210, HRT 211, HRT 212, and HRT 224 and prior to entering HRT 390*. Applications for progression are available in the departmental office.

For progression into the major, students must meet the following criteria.

- Cumulative grade point average 2.3 or greater for at least 30 semester hours completed.
- Grade of C or better in all hotel, restaurant, and tourism prefix courses.
- Successful completion of ENGL 101*, ENGL 102*, and MATH 125*.
- Complete 300 post-secondary school hours of industry related work for the chosen major. A complete list of appropriate work experiences is available in the departmental office.

For graduation, students must earn a grade of C or better in all hotel, restaurant, and tourism courses.

UTracK Requirements (for first-year students)
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.

Academic Plan

Term 1	Hours
[1]Arts and Humanities Elective*	3
[1]Cultures and Civilizations Elective*	3
ENGL 101*	3
MATH 119 or MATH 123* or [2]Unrestricted Elective (MATH 119 recommended if needed)	3
[1]Natural Sciences Elective*	3-4
	15-16

Term 2	
[1]Arts and Humanities Elective*	3
ENGL 102*	3
MATH 125*	3
[1]Natural Sciences Elective*	3-4
[2]Unrestricted Elective	3
	15-16

Term 3	
[3]ACCT 200	3
[3]ECON 201*	4
HRT 211, HRT 212	6
[1]Social Sciences Elective*	3
	16

Term 4	
HRT 210, HRT 224, HRT 311	9
[3]MGT 201	3
[3]STAT 201*	3
	15

Term 5	
CMST 240*	3
[1]Cultures and Civilizations Elective*	3
HRT 361, HRT 390*	6
[3,4]MGT 300	3
	15

Term 6	
HRT 326, HRT 392	6
[5]Hotel, Restaurant and Tourism Elective	3
RCS 341	3
[2]Unrestricted Elective	3
	15

Term 7	
[1]Cultures and Civilizations Elective*	3
[3,4]FINC 300	3
HRT 410	4
[5]Hotel, Restaurant and Tourism Elective	3
[3,4]MARK 300	3
	16

Term 8	
HRT 425	3
HRT 492 or [5]HRT Electives (6 hrs of either option)	6
[5]Hotel, Restaurant and Tourism Elective	3
[2]Unrestricted Elective	3
	15
TOTAL	**122-124**

Milestone Notes

Term 1
Complete at least 12 hours by the end of the term

Term 2
ENGL 101*

Term 3
MATH 125*

Term 4
Complete at least 54 hours by the end of the term

Term 5
2.3 cumulative GPA
Two courses from HRT 210, HRT 211, HRT 212, HRT 224

Term 6
No milestones

Term 7
No milestones

Term 8
No milestones

* Meets University General Education Requirement.

[1] Select courses from the University General Education list.

[2] Select any courses not already required for the major. Students must meet the Communicating through Writing General Education Requirement by selecting a course with a (WC) designation. This course may be in the major or from another discipline.

[3] Business administration minor requirement.

[4] Must be taken at UTK.

[5] Choose from HRT 101, HRT 330, HRT 423, HRT 435, HRT 440, HRT 445, HRT 450, HRT 455, HRT 484, HRT 493, HRT 494.

REVISE RETAIL AND CONSUMER SCIENCES MAJOR

- Add text to differentiate UTracK requirements from progression requirements
- Add footnote that upper-level business courses must be taken at UTK
- Add RCS 225, RCS 425, and RCS 435 as options for the RCS elective
- Add note to 3 hrs of electives (MATH 119 recommended if needed)
- Replace RCS 390 with RCS 391
- Increase electives from 14 hrs to 15 hrs

Rationale: Department is revising curriculum to reflect 8 terms (rather than 4 years), and providing milestones as part of the university's UTracK efforts. Impact on Other Units: none. Financial Impact: none.

Through a combination of classroom instruction and field-based experience, students prepare for entry-level positions in diverse occupations and for advanced education. The retail and consumer sciences major is one of the largest programs of this type in the southeast. Retailing is one of the fastest growing segments of our economy, and opportunities for employment will continue to be excellent through the 21st century.

Retail and consumer sciences provides students with knowledge of the retailing industry and the principles and theories involved in managing personnel and merchandising goods for the consumer. A business minor is built into the degree requirements. The progressive direction that this program takes provides graduates with excellent management opportunities in the retail sector.

This program requires field study experiences where students are guided by faculty in the selection of locations for on-the-job experiences related to their career area as a part of their educational program. Professional contacts made in field study experiences often lead to opportunities for career placement upon graduation.

IMPORTANT: Progression vs. UTracK Requirements
Universal Tracking (UTracK) is an academic monitoring system designed to help students stay on track for timely graduation. UTracK requirements only affect first-time, first-year, full-time, degree-seeking students entering Fall 2013. Returning, readmitted and transfer students will continue to follow the standard progression requirements outlined below.

Progression Requirements (for returning students)
Students should apply for progression into the major after completing RCS 210, and prior to entering RCS 390*. 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.

For graduation, students must earn a grade of C or better in all retail and consumer sciences courses.

UTracK Requirements (for first-year students)
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.

Academic Plan

Term 1	Hours
[1]Arts and Humanities Elective*	3
[1]Cultures and Civilizations Elective*	3
ENGL 101*	3
[1]Natural Sciences Elective*	4
[2]Unrestricted Elective (MATH 119 recommended if needed)	3
	16

Term 2	
[1]Arts and Humanities Elective*	3
ENGL 102*	3
MATH 125*	3
[1]Natural Sciences Elective*	3

Milestone Notes

Term 1
Complete at least 12 hours by the end of the term

Term 2
ENGL 101*

[2]Unrestricted Elective	3	
	15	
Term 3		**Term 3**
[3]ACCT 200	3	MATH 125*
[1]Cultures and Civilization Elective*	3	
[3]ECON 201*	4	
RCS 210**	3	
[1]Social Sciences Elective*	3	
	16	
Term 4		**Term 4**
[3]MGT 201	3	Complete at least 54 hours by the end of the term
RCS 341**	3	
[3]STAT 201*	3	
[2]Unrestricted Elective	3	
	12	
Term 5		**Term 5**
CMST 240	3	2.3 cumulative GPA
[3,4]MARK 300	3	RCS 210
RCS 310, RCS 311, RCS 346	10	
	16	
Term 6		**Term 6**
[3,4]MGT 300	3	No milestones
RCS 376, RCS 391, RCS 422	12	
	15	
Term 7		**Term 7**
[3,4]FINC 300	3	No milestones
RCS 412	3	
[5]Retail and Consumer Sciences Electives	6	
[2]Unrestricted Elective	3	
	15	
Term 8		**Term 8**
RCS 410, RCS 421	6	No milestones
[5]Retail and Consumer Sciences Electives	6	
[2]Unrestricted Elective	3	
	15	
TOTAL	**120**	

* Meets University General Education Requirement.
1 Select courses from the University General Education list. At least one of the natural sciences electives must have a laboratory.
2 Select any courses not already required for the major.
3 Business administration minor requirement.
4 Must be taken at UTK.
5 Select 12 hours from RCS 225, RCS 320, RCS 411, RCS 425, RCS 435, RCS 441, RCS 480, RCS 484, RCS 493, RCS 495, RCS 497; HRT 425.

DEPARTMENT OF THEORY AND PRACTICE IN TEACHER EDUCATION

REVISE SPECIAL EDUCATION MAJOR—COMMUNICATION DISORDERS CONCENTRATION

- Add text to differentiate UTracK requirements from progression requirements
- Specify two maths or one math and one statistics course for the QR electives and added footnote
- Narrow physical science elective to chemistry or physics
- Narrow options for social science elective

Rationale: Department is revising curriculum to reflect 8 terms (rather than 4 years), and providing milestones as part of the university's UTracK efforts. Impact on Other Units: None. Financial Impact: None.

IMPORTANT: Progression vs. UTracK Requirements
Universal Tracking (UTracK) is an academic monitoring system designed to help students stay on track for timely graduation. UTracK requirements only affect first-time, first-year, full-time, degree-seeking students entering Fall 2013. Returning, readmitted and transfer students will continue to follow the standard progression requirements outlined below.

Progression Requirements (for returning students)
Progression to the Communication Disorders concentration requires a 3.0 cumulative GPA after a minimum of 60 semester credits and completion of AUSP 300. Students must maintain a 3.0 GPA while in the program. Students must earn a grade of C or better in all AUSP classes.

UTracK Requirements (for first-year students)
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.

Academic Plan		Milestone Notes
Term 1	**Hours**	**Term 1**
BIOL 101*	4	BIOL 101*
CMST 210* or CMST 240*	3	
ENGL 101*	3	
[1]Quantitative Reasoning (MATH or STAT) Elective*	3	
[2]Social Science Elective*	3	
	16	
Term 2		**Term 2**
BIOL 102*	4	Complete at least 24 hours by the end of the term
ENGL 102*	3	Quantitative Reasoning Elective*
[1]Quantitative Reasoning (MATH or STAT) Elective*	3	
[2]Social Sciences Elective*	3	
[3]Unrestricted Elective	3	
	16	
Term 3		**Term 3**
Arts and Humanities Elective*	3	ENGL 102*
EDPY 210*	3	
Intermediate Foreign Language*	3	
[4]Non-U.S. History*	3	
[5]Physical Science Elective (CHEM or PHYS)	3-4	
	15-16	
Term 4		**Term 4**
Arts and Humanities Elective*	3	AUSP 300
AUSP 300	3	Intermediate Foreign Language Elective*
Communicating through Writing Elective*	3	
Intermediate Foreign Language*	3	
[4]Non-U.S. History*	3	
	15	
Term 5		**Term 5**
ASL 111	3	3.0 GPA in all AUSP courses to this point
AUSP 302, AUSP 303, AUSP 305, AUSP 320	12	
	15	
Term 6		**Term 6**
ASL 112	3	No milestones
AUSP 306, AUSP 435, AUSP 473	9	
LING 200	3	
	15	
Term 7		**Term 7**
AUSP 433, AUSP 461	4	No milestones
EDDE 425	3	
SPED 470	3	
[3]Unrestricted Elective	3	
	13	
Term 8		**Term 8**
AUSP 431, AUSP 440, AUSP 494	9	No milestones
RSM 226	3	
[3]Unrestricted Elective	3	
	15	
TOTAL	**120**	

* Meets University General Education Requirement.

[1] Students are required to complete two math courses or one math and one statistics course from the Quantitative Reasoning University General Education list.

[2] Three of the six hours must be chosen from PSYC 110, PSYC 117; SOCI 110, SOCI 120, SOCI 127, SOCI 232.

[3] Select any courses not already required for the major. Recommended electives include additional American Sign Language (ASL), Educational Interpreting (EI) courses; continue foreign language beyond the intermediate level; calculus if pursuing audiology; additional courses in education of the deaf and hard of hearing (EDDE).
[4] Two courses from AFST 235*, AFST 236*; HIST 241*, HIST 242*, HIST 247*, HIST 248*, HIST 261*, HIST 262*, HIST 267*, HIST 268*; LAC 251*, LAC 252*; MRST 201*, MRST 202*.
[5] Chosen from CHEM 100*, CHEM 110*, CHEM 120*, CHEM 128*, CHEM 130*, CHEM 138*; PHYS 101*, PHYS 102*, PHYS 135*, PHYS 136*, PHYS 137*, PHYS 138*, PHYS 161*, PHYS 221*, PHYS 222*, PHYS 231*, PHYS 232*.

REVISE SPECIAL EDUCATION MAJOR—EDUCATION OF THE DEAF AND HARD OF HEARING CONCENTRATION

- Add text to differentiate UTracK requirements from progression requirements
- Specify two maths or one math and one statistics course for the QR electives and added footnote
- Revise wording in professional electives footnote
- Add REED 461 as an option with REED 430 and REED 543
- Add EDDE 310 (+3 hrs)
- Increase professional electives to 15 hours (+3 hrs)
- Drop LING 200 as a required course and made it an option for professional electives (-3 hrs)
- Drop INSC 330 as a required course and made it an option for professional electives (-3 hrs)
- Drop ASL 435 as an option for professional electives (already a required course)
- Change TPTE 574 from 2 hours to 3 hours (+1 hr)
- Change TPTE 591 from 4 hours to 3 hours (-1 hr)

Rationale: Department is revising curriculum to reflect 8 terms (rather than 4 years), and providing milestones as part of the university's UTracK efforts. Impact on Other Units: None. Financial Impact: None.

IMPORTANT: Progression vs. UTracK Requirements
Universal Tracking (UTracK) is an academic monitoring system designed to help students stay on track for timely graduation. UTracK requirements only affect first-time, first-year, full-time, degree-seeking students entering Fall 2013. Returning, readmitted and transfer students will continue to follow the standard progression requirements outlined below.

Progression Requirements (for returning students)
Progression to the EDDE concentration requires a 2.7 cumulative GPA after a minimum of 45 semester credits and completion of a successful interview and admission into teacher education. Students admitted to the program must maintain a cumulative GPA of 2.7 while in the program. Students must earn a grade of B or better in ASL 111 and 112, and a C or better in all teacher education and major courses. Students with less than a 2.7 GPA for two consecutive semesters will be dropped from the program. Students who fail to meet the standards for professional conduct during the course of their fieldwork will not be retained in the major.

UTracK Requirements (for first-year students)
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.

Academic Plan

Term 1	**Hours**
ASL 111	3
ENGL 101*	3
[1]Non-US History*	3
[2]Quantitative Reasoning (MATH or STAT) Elective*	3
[3]Social Sciences Elective*	3
	15
Term 2	
[3]Arts and Humanities Elective*	3
ASL 112	3
ENGL 102*	3
[1]Non-US History*	3
[2]Quantitative Reasoning (MATH or STAT) Elective*	3
	15
Term 3	
ASL 211*	3
[4]Biological Sciences Elective*	3-4

Milestone Notes

Term 1
2.3 cumulative GPA
Term 2
Quantitative Reasoning Elective*
Term 3
Complete at least 45 hours with a 2.7 cumulative GPA
ASL 111

[3]Communicating Orally Elective*	3	ENGL 102*
EDPY 210*	3	
[3]Social Sciences Elective*	3	
	15-16	
Term 4[9]		**Term 4**
ASL 212*	3	ASL 112
EDDE 425	3	
PHIL 252*	3	
[5]Physical Science Elective*	3-4	
[6]Unrestricted Elective	2-3	
	14-16	
Term 5		**Term 5**
AUSP 303	3	ASL 211*
EDDE 310	3	
[7]Professional Electives	6	
[6]Unrestricted Elective	3	
	15	
Term 6		**Term 6**
EDDE 419	4	ASL 212*
[8]Educational Methods	6	
SPED 402	3	
REED 430 or REED 461 or REED 543	2-3	
	15-16	
Term 7		**Term 7**
EDDE 415	3	No milestones
EDPY 401	3	
[7]Professional Electives	6	
TPTE 486	3	
	15	
Term 8		**Term 8**
AUSP 494	3	No milestones
EDDE 410, EDDE 416	6	
[7]Professional Electives	3	
	15	
UNDERGRADUATE TOTAL	**120**	

POST-BACCALAUREATE PROFESSIONAL YEAR

Students must apply to and be admitted by the Graduate School prior to registration. Students must also obtain an intermediate rating level on the Sign Language Proficiency Interview (SLPI) prior to beginning the professional year in order to be placed in a signing environment.

Term 9		**Term 9**
EDDE 528	3	No milestones
TPTE 574	3	
TPTE 575	6	
	12	
Term 10		**Term 10**
EDDE 529	3	No milestones
TPTE 575	6	
TPTE 591	3	
	12	
GRADUATE TOTAL	**24**	

* Meets University General Education Requirement.

[1] Two courses from AFST 235*, AFST 236*; HIST 241*, HIST 242*, HIST 247*, HIST 248*, HIST 261*, HIST 262*, HIST 267*, HIST 268*; LAC 251*, LAC 252*; MRST 201*, MRST 202*.

[2] Students are required to complete two math courses or one math and one statistics course from the Quantitative Reasoning University General Education list.

[3] Select courses from the University General Education list.

[4] Biological Science Elective: ANTH 110*; BIOL 101*, BIOL 102*, BIOL 111*, BIOL 112*, BIOL 130*, BIOL 140*; EPP 201*; MICR 210*.

[5] Physical Science Elective: ASTR 151* (with or without lab--ASTR 153), ASTR 152* (with or without lab--ASTR 154), ASTR 217*, ASTR 218*; CHEM 100*, CHEM 110*, CHEM 120*, CHEM 130*, CHEM 128*, CHEM 138*; GEOG 131*, GEOG 132*; GEOL 101*, GEOL 102*, GEOL 103*, GEOL 107*, GEOL 108*, GEOL 201*, GEOL 202*, GEOL 203*, GEOL 205*, GEOL 207*, GEOL 208*; PHYS 101*, PHYS 102*, PHYS 135*, PHYS 136*, PHYS 137*, PHYS 138*, PHYS 161*, PHYS 221*, PHYS 222*, PHYS 231*, PHYS 232*.

[6] Select any course not already required for the major. See advisor for recommended electives.

[7] PROFESSIONAL ELECTIVES: See list below for course options. (Note: Program coursework will allow students to obtain a deaf education license, K-12. Students will also choose general education licensure in elementary, middle grades or secondary education. Professional elective options vary by level of licensure.) Students will choose at least 12 credits in one content area or collateral area. Three additional credits can be in the selected area or a different content or collateral area.

[8] Educational Methods: Students must select the appropriate methods courses that meet the requirements for elementary, middle grades or secondary licensure. See advisor. ELED 422; ENED 459, ENED 507, ENED 508, ENED 509, ENED 543, ENED 590; MEDU 485, MEDU 543; REED 461, REED 540, REED 543; SCED 496, SCED 543, SCED 565, SCED 596; SSCE 454, SSCE 543; TPTE 543.

[9] Students should interview after the completion of 45 hours.

PROFESSIONAL ELECTIVES

Secondary License

Students obtaining a secondary license in general education will choose at least 12 professional electives from a secondary education content area. (Note: Some content areas require more than 12 credits for completion. Refer to specific content area requirements below.)

- English - 15 credits from the English department at the 300+ level.
- Mathematics - MATH 241 or MATH 251, MATH 300, MATH 460, MATH 423 or MATH 424.
- Natural Sciences (Biology) - BIOL 140*, BIOL 240, BIOL 250, and 6 credits from biochemistry and cellular and molecular biology, botany, ecology and evolutionary biology, or microbiology at the 300+ level.
- Natural Sciences (Chemistry) - 15 credits of courses from the chemistry department at the 200+ level, including CHEM 310, CHEM 319, and one course from CHEM 350, CHEM 360, CHEM 369, CHEM 471, CHEM 473, CHEM 479*, CHEM 481, and CHEM 483.
- Natural Sciences (Physics) - PHYS 135*, PHYS 136*, PHYS 250, and 6 credits from the department of physics and astronomy at the 300+ level.
- Natural Sciences (Earth Science) - GEOL 101*, GEOL 102* or GEOL 103*, and 9 credits from the earth and planetary science department at the 200+ level.
- Social Science (Economics) - ECON 201*, ECON 311, ECON 313 and 6 credits from the economics department at the 300+ level.
- Social Science (Geography) - 15 credits from the geography department, including 9 credits at the 300+ level.
- Social Science (Government) - POLS 101*, POLS 102*, and 12 credits from the political science department at the 300+ level.
- Social Science (History) - HIST 221, HIST 222, HIST 241*, HIST 242*, and 6 credits from the history department at the 300+ level to include a course in world history.
- Social Science (Psychology) - PSYC 110* and 15 credits from the psychology department at the 300+ level.
- Social Science (Sociology) - SOCI 110* or SOCI 120*, SOCI 321, SOCI 331, and 9 credits from the sociology department at the 300+ level.

Middle Grades License

Students obtaining a middle grades 4-8 license in general education will choose 12 upper division (300-400) credits from a middle grades education content area. Content areas include:

- English - Choose courses from the English department.
- Mathematics - Choose courses from the mathematics department.
- Science - Choose courses from the departments of biology, chemistry, earth and planetary sciences, and physics and astronomy.
- Social Science - Choose courses from the departments of history, geography, political science, and economics.

Elementary License

Students obtaining an elementary K-6 license in general education will choose a collateral area and complete at least 12 credit hours in that area. Collateral areas are listed below. Check the Course Descriptions for any prerequisites required for these courses.

- Audiology and Speech Pathology - AUSP 300, AUSP 302, AUSP 305, AUSP 306, AUSP 435.
- Child and Family Studies - CFS 106, CFS 211, CFS 350, CFS 351, CFS 353.
- Educational Interpreting - EI 335, EI 340, EI 350, EI 355.
- English as a Second Language - ENGL 474, ENGL 476, ENGL 477; FLED 466/566, FLED 476/576, FLED 489/588.
- Linguistics –LING 200, LING 400; ENGL 471, ENGL 472, ENGL 474, ENGL 476, ENGL 477, ENGL 485.
- Reading and Language Arts – INSC 330, ELED 528, 550; REED 461, 519, 529, 530, 536, 537, 538, 539, 540, 543.
- Special Education - SPED 410, SPED 419, SPED 420, SPED 430, SPED 432, SPED 456, SPED 459, SPED 471, 553, 577, 590.

REVISE SPECIAL EDUCATION MAJOR—EDUCATIONAL INTERPRETING CONCENTRATION

- Add text to differentiate UTracK requirements from progression requirements
- Drop Physical Education Activity or Recreation Therapy Elective (-3 hrs)
- Add 3 hours of unrestricted electives (+3 hrs)
- Specify two maths or one math and one statistics course for the QR electives

- Revise elective footnote to add RSM 226 as a recommendation
- Add gen ed footnote
- Add progression footnote

Rationale: Department is revising curriculum to reflect 8 terms (rather than 4 years), and providing milestones as part of the university's UTracK efforts. Impact on Other Units: None. Financial Impact: None.

IMPORTANT: Progression vs. UTracK Requirements
Universal Tracking (UTracK) is an academic monitoring system designed to help students stay on track for timely graduation. UTracK requirements only affect first-time, first-year, full-time, degree-seeking students entering Fall 2013. Returning, readmitted and transfer students will continue to follow the standard progression requirements outlined below.

Progression Requirements (for returning students)
Progression to the educational interpreting concentration requires a 2.7 cumulative GPA after a minimum of 30 semester hours of course work and completion of ASL 111 and ASL 112 with a grade of B or better in both courses. A Board of Admissions will meet once each fall and spring to review applications and conduct interviews with each applicant. Students admitted to the program must maintain a minimum cumulative GPA of 2.7 while in the program. Students with less than a 2.7 GPA for two consecutive semesters will be dropped from the program. Students who fail to meet the standards for professional conduct during the course of their fieldwork will not be retained in the major.

UTracK Requirements (for first-year students)
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.

Academic Plan

Term 1	**Hours**
[1]Arts and Humanities Elective*	3
ENGL 101*	3
[1]Natural Sciences Elective*	3-4
[2]Quantitative Reasoning (MATH or STAT) Elective*	3
[1]Social Sciences Elective*	3
	15-16

Term 2	
ENGL 102*	3
[1]Natural Sciences Elective*	3-4
[2]Quantitative Reasoning (MATH or STAT) Elective*	3
[3]Unrestricted Electives	6
	15-16

Term 3	
ASL 111	3
[1]Communicating through Writing Elective*	3
HIST 241*	3
PHIL 244*	3
[3]Unrestricted Elective	2
	14

Term 4	
[1]Arts and Humanities Elective*	3
ASL 112	3
CMST 210* or CMST 240*	3
HIST 242*	3
[1]Social Sciences Elective*	3
	15

Term 5[4]	
ASL 211*	3
[1]Cultures and Civilizations Elective*	3
EDPY 210*	3
EI 335, EI 340	6

Milestone Notes

Term 1
2.3 cumulative GPA

Term 2
Quantitative Reasoning Elective*

Term 3
ASL 111
ENGL 102*

Term 4
2.7 cumulative GPA
ASL 111 and ASL 112 with a grade of B or better

Term 5
ASL 211*
EI 335

	15	
Term 6		**Term 6**
ASL 212*	3	ASL 212*
EDPY 401	3	
EI 350	3	
PSYC 300	3	
TPTE 486	3	
	15	
Term 7		**Term 7**
ASL 435	3	No milestones
EDDE 415, EDDE 425	6	
EI 345, EI 355	7	
	16	
Term 8		**Term 8**
[1]Cultures and Civilizations Elective*	3	No milestones
EDDE 416	3	
EI 440	6	
SPED 402	3	
	15	
TOTAL	**120**	

* Meets University General Education Requirement.
[1] Select courses from the University General Education list.
[2] Students are required to complete two math courses or one math and one statistics course from the Quantitative Reasoning University General Education list.
[3] Select any course not already required for the major. RSM 226 is recommended for three hours.
[4] Students should apply to the program by the end of Term 5.

REVISE SPECIAL EDUCATION MAJOR—MODIFIED AND COMPREHENSIVE SPECIAL EDUCATION CONCENTRATION

- Add text to differentiate UTracK requirements from progression requirements
- Specify two maths or one math and one statistics course for the QR electives and added footnote
- Add interview footnote
- Reword teacher education admission footnote
- Change TPTE 574 from 2 hours to 3 hours (+1 hr)
- Change TPTE 591 from 4 hours to 3 hours (-1 hr)

Rationale: Department is revising curriculum to reflect 8 terms (rather than 4 years), and providing milestones as part of the university's UTracK efforts. Impact on Other Units: None. Financial Impact: None.

IMPORTANT: Progression vs. UTracK Requirements
Universal Tracking (UTracK) is an academic monitoring system designed to help students stay on track for timely graduation. UTracK requirements only affect first-time, first-year, full-time, degree-seeking students entering Fall 2013. Returning, readmitted and transfer students will continue to follow the standard progression requirements outlined below.

Progression Requirements (for returning students)
Progression to the modified and comprehensive concentration requires a 2.7 cumulative GPA after a minimum of 45 semester hours of course work. A Board of Admissions will meet once each fall and spring to review applications and conduct interviews with each applicant. Students admitted to the program must maintain a minimum cumulative GPA of 2.7 while in the program. Students must earn a grade of C or better in all teacher education courses. Students with less than a 2.7 GPA for two consecutive semesters will be dropped from the program. Students who fail to meet the standards for professional conduct during the course of their fieldwork will not be retained in the major.

UTracK Requirements (for first-year students)
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.

Academic Plan		Milestone Notes
Term 1	**Hours**	**Term 1**
ANTH 130*	3	2.3 cumulative GPA
ENGL 101*	3	
[1]Physical Science Elective*	3-4	
PSYC 110*	3	

[2]Quantitative Reasoning (MATH or STAT) Elective*	3	
	15-16	
Term 2		**Term 2**
ENGL 102*	3	Quantitative Reasoning Elective*
[1]Physical Science Elective*	3-4	
Political Science Elective	3	
[2]Quantitative Reasoning (MATH or STAT) Elective*	3	
Sociology Elective	3	
	15-16	
Term 3		**Term 3**
[1]Biological Science Elective*	3-4	2.7 cumulative GPA
[3]Intermediate Foreign Language*	3	ENGL 102*
[4]Non-US History	3	
PHIL 252*	3	
[5]Unrestricted Elective	2	
	15-16	
Term 4[6]		**Term 4**
[1]Biological Science Elective*	3-4	Intermediate Foreign Language Elective*
Geography Elective	3	
[3]Intermediate Foreign Language*	3	
[4]Non-US History	3	
RSM 226	3	
	16-17	
Term 5[7]		**Term 5**
CFS 211	3	Two Natural Sciences Electives*
Economics Elective	3	
EDPY 210*	3	
INSC 330	3	
PHIL 244*	3	
	15	
Term 6		**Term 6**
AUSP 320	3	No milestones
ELED 422	6	
REED 430	2	
SPED 402	3	
	14	
Term 7		**Term 7**
EDPY 401	3	No milestones
SPED 419, SPED 420	9	
TPTE 486	3	
	15	
Term 8		**Term 8**
SPED 430, SPED 432, SPED 456, SPED 459	15	No milestones
	15	
UNDERGRADUATE TOTAL	**120**	

POST-BACCALAUREATE PROFESSIONAL YEAR
Students must apply to and be admitted by the Graduate School prior to registration.

Term 9		**Term 9**
ELED Course	3	No milestones
TPTE 574	3	
TPTE 575	6	
	12	
Term 10		**Term 10**
ELED Course	3	No milestones
TPTE 575	6	
TPTE 591	3	
	12	

GRADUATE TOTAL	**24**

* Meets University General Education Requirement.

[1] Chosen from University General Education List. At least two of the electives must have a laboratory.

[2] Students are required to complete two math courses or one math and one statistics course from the Quantitative Reasoning University General Education list.

[3] Select six hours of the same foreign language at the intermediate level, chosen from the University General Education List.

[4] Two courses from AFST 235*, AFST 236*; HIST 241*, HIST 242*, HIST 247*, HIST 248*, HIST 261*, HIST 262*, HIST 267*, HIST 268*; LAC 251*, LAC 252*; MRST 201*, MRST 202*.

[5] Select any course not already required for the major.

[6] Interview in term 4 due to course sequencing.

[7] Must be admitted to teacher education program by the end of term 5 for the majority of coursework in the senior year.

NOTE: Optional early childhood special education licensure (requires SPED 410, SPED 471, and ELED 445).

COLLEGE OF ENGINEERING

All changes effective Fall 2013

I. COURSE CHANGES

DEPARTMENT OF CHEMICAL AND BIOMOLECULAR ENGINEERING

(CBE) Chemical and Biomolecular Engineering

ADD (RE) COREQUISITE, DROP (DE) COREQUISITE

201 Material and Energy Balances (4)
(RE) Corequisite(s): Mathematics 231.
Formerly: (DE) Corequisite(s): Mathematics 231.

ADD (RE) PREREQUISITE

235 Fundamentals of Molecular Bioengineering (3)
(RE) Prerequisite(s): Engineering Fundamentals 152 or 158, and Chemistry 130 or 138.

REVISE (RE) PREREQUISITE

240 Fluid Flow and Heat Transfer (4)
(RE) Prerequisite(s): Engineering Fundamentals 152 or 158 and Chemistry 130 or 138.
Formerly: 201 and Mathematics 231.

250 Application of Chemical and Biomolecular Engineering Thermodynamics (4)
(RE) Prerequisite(s): Engineering Fundamentals 152 or 158 and Chemistry 130 or 138.
Formerly: Mathematics 231.

Rationale: Regarding the above four courses, the corequisite and prerequisite changes reflect restructuring of the 200-level course sequence. Impact on other units: None. Financial impact: None.

401 Review of Chemical and Biomolecular Engineering Fundamentals (1)
(RE) Prerequisite(s): 350 or 450.
Formerly: 450.

Rationale: This will allow for current students to graduate with DARS using 450 if they have already taken it. Impact on other units: None. Financial impact: None.

DROP

450 Chemical and Bioengineering Reactor Fundamentals (3)

ADD

350 Chemical and Bioengineering Reactor Fundamentals (3) Homogeneous and heterogeneous reaction kinetics; idealized homogeneous reactor models, both for closed and flow systems; analysis of batch reactor data; multiple reactions; non-isothermal reactions.
(RE) Prerequisite(s): 201 and 240.

Equivalency Table

Current Course Chemical and Biomolecular Engineering (CBE)	Equivalent Course Effective Fall 2013 Chemical and Biomolecular Engineering (CBE)
450	350

Rationale: This is not a new course, but merely a renumbering of 450 to reflect the curricular restructuring. This course is now offered in the junior year. Impact on other units: None. Financial impact: None.

Course	Course Impact
CBE 450	Chemical Engineering major, 4th year

	Chemical Engineering major – Biomolecular Engineering concentration, 4th year

DROP

✱310 Chemical and Biomolecular Engineering Laboratory (3)

ADD

✱415 Chemical and Biomolecular Engineering Laboratory (3) Thermodynamics, fluid flow, and heat transfer experiments in chemical and biomolecular engineering.
Satisfies General Education Requirement: (WC)
(RE) Prerequisite(s): 301 and 340.
Registration Restriction(s): Chemical engineering major; 2.3 GPA.

Equivalency Table

Current Course Chemical and Biomolecular Engineering (CBE)	Equivalent Course Effective Fall 2013 Chemical and Biomolecular Engineering (CBE)
310	415

Rationale: This is not a new course, but merely a renumbering of 310 to reflect the curricular restructuring. This course is now offered in the senior year. Impact on other units: None. Financial impact: None.

Course	Course Impact
CBE 310	General Education page, approved Communicating through Writing (WC) course
	Chemical Engineering major, 3rd year
	Chemical Engineering major – Biomolecular Engineering concentration, 3rd year

REVISE (RE) COREQUISITE

480 Equipment Design and Economic Methods (3)
(RE) Corequisite(s): 445 and 350 or 450.
Formerly: 445 and 450.

Rationale: This will allow for current students to graduate with DARS using 450 if they have already taken it. Impact on other units: None. Financial impact: None.

DEPARTMENT OF CIVIL AND ENVIRONMENTAL ENGINEERING

(CE) Civil Engineering

ADD REGISTRATION RESTRICTION, DROP (RE) PREREQUISITE

300 CADD Applications in Civil Engineering (3)
Registration Restriction(s): Sophomore standing or above in Civil Engineering.
Formerly: (RE) Prerequisite(s): 210.

ADD (RE) PREREQUISITE, ADD RECOMMENDED BACKGROUND, DROP (DE) PREREQUISITE

355 Transportation Engineering I (3)
(RE) Prerequisite(s): Engineering Fundamentals 152 or 158.
Recommended Background: 210.
Formerly: (DE) Prerequisite(s): 210.

DROP (RE) PREREQUISITE, REVISE (RE) COREQUISITE

432 Geotechnical Engineering Laboratory (1)
(RE) Corequisite(s): 310 and 430.
Formerly: (RE) Prerequisite(s): 310.
(RE) Corequisite(s): 430.

496 Water Resources Engineering Laboratory (1)
(RE) Corequisite(s): 310 and 494.
Formerly: (RE) Prerequisite(s): 310.
(RE) Corequisite(s): 494.

REVISE (RE) PREREQUISITE, ADD (RE) COREQUISITE

463 Structural Behavior Measurement (1)
(RE) Prerequisite(s): 262.
(RE) Corequisite(s): 310.
Formerly: (RE) Prerequisite(s): 310 and 262.

482 Environmental Engineering Laboratory (1)
(RE) Prerequisite(s): 381.
(RE) Corequisite(s): 310.
Formerly: (RE) Prerequisite(s): 310 and 381.

REVISE (RE) PREREQUISITE

481 Environmental Engineering II (3)
(RE) Prerequisite(s): 381.
Formerly: 300 and 381.

REVISE (RE) COREQUISITE

456 Transportation Engineering Lab (1)
(RE) Corequisite(s): 310 and 455.
Formerly: 455.

Rationale: Regarding all course changes above, these changes allow greater flexibility for student scheduling. Impact on other units: None. Financial impact: None.

Course	Course Impact
CE 300	Civil Engineering major, 3rd year
	CE 481 prerequisite
	CE 487 prerequisite

DEPARTMENT OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCE

(COSC) Computer Science

ADD

307 Honors Data Structures and Algorithms II (4) Same as COSC 302 with additional honors project.
Contact Hour Distribution: 3 hours lecture and 1 lab.
(RE) Prerequisite(s): 140.

317 Honors Discrete Structures (3) Same as COSC 311 with additional honors project.
(RE) Prerequisite(s): 140 and Mathematics 142.
(DE) Prerequisite(s): 160.

367 Honors Systems Programming (4) Same as COSC 360 with additional honors project.
Contact Hour Distribution: 3 hours lecture and 1 lab.
(RE) Prerequisite(s): 160 and 302.

377 Honors Introduction to Scientific Computing (3) Same as COSC 370 with additional honors project.
Grading Restriction: Students may not receive credit for both Computer Science 377 and Mathematics 371.
(RE) Prerequisite(s): 140 and Mathematics 251.

427 Honors Biologically-Inspired Computation (3) Same as COSC 420 with additional honors project.

Repeatability: May be repeated. Maximum 9 hours.
Recommended Background: Completion of core courses.

Rationale: Addition of honors versions of selected COSC junior and senior-level courses: The honors version of the courses will be taught at the same place and time as the regular versions. These courses essentially replace honors by contract. Impact on other units: none. Financial impact: none.

DROP

✱400 Senior Design (5)

ADD

401 Senior Design Theory (2) A design course that focuses the student's attention on professional practice, ethics, accumulated background of curricular components, and recent developments in the field. The focus is on teaching both the design process and design principles that allow students to utilize all of the above elements to effectively create designs for major design projects.
(RE) Prerequisite(s): 360.

✱402 Senior Design Practicum (3) A project-oriented course that requires teams of students to design a major project that incorporates the principles taught in 401. The design emphasis is directed to topics within the field of computer science.
Satisfies General Education Requirement: (WC) (OC)
(RE) Prerequisite(s): 401.

Equivalency Table

Current Course Computer Science (COSC)	Equivalent Courses Effective Fall 2013 Computer Science (COSC)
400	401
	402

Rationale: This new sequence replaces 400, which was a one-semester design course that combined design theory and a design project into the same course. Student feedback indicated that it would be better to first be introduced to design theory before being asked to design a project; hence the decision to split the course into a sequence of two courses. Impact on other units: None. Financial impact: None.

Course	Course Impact
COSC 400	Computer Engineering, Computer Science, and Electrical Engineering Honors concentrations, 2nd bullet
	Computer Science major, 4th year, 2nd bullet
	Department of Electrical Engineering and Computer Science, Honors concentrations, 3rd bullet
	General Education page, approved Communicating Orally (OC) course
	General Education page, approved Communicating through Writing (WC) course

DROP REPEATABILITY

420 Biologically-Inspired Computation (3)
Formerly: May be repeated. Maximum 9 hours.

Rationale: This repeatability statement was inadvertently carried over from the previous description of 420, which was a general advanced topics course. Impact on other units: None. Financial impact: None.

REVISE TITLE

425 Introduction to Machine Learning (3)
Formerly: Machine Learning.

Rationale: The titles for the undergraduate and graduate versions of this course were inadvertently switched, so this change corrects that oversight. The graduate version of this course, 528, will be renamed Machine Learning. It was named Introduction to Machine Learning. Impact on other units: None. Financial impact: None.

(ECE) Electrical and Computer Engineering

ADD

317 Honors Probability and Random Variables (3) Same as ECE 313 with additional honors project.
(RE) Prerequisite(s): Mathematics 142 or 148.

347 Honors Fields (3) Same as ECE 341 with additional honors project.
(RE) Prerequisite(s): 202 and Mathematics 241.
(DE) Prerequisite(s): Physics 232.

357 Honors Digital Systems Design (3) Same as ECE 351 with additional honors project.
(RE) Prerequisite(s): 255.

417 Honors Computer Control Systems (3) Same as ECE 416 with additional honors project.
(RE) Prerequisite(s): 316.

427 Honors Electric Energy Systems (3) Same as ECE 421 with additional honors project.
(RE) Prerequisite(s): 316 and 325.

457 Honors Computer Systems Architecture (3) Same as ECE 451 with additional honors project.
(RE) Prerequisite(s): 255 and Computer Science 160.

477 Honors Introduction to Pattern Recognition (3) Same as ECE 471 with additional honors project.
(RE) Prerequisite(s): 313 or Mathematics 323; Mathematics 200 or Mathematics 251.

478 Honors Introduction to Digital Image Processing (3) Same as ECE 472 with additional honors project.
(RE) Prerequisite(s): 313 or Mathematics 323; Mathematics 200 or Mathematics 251.

487 Honors Power Electronics (3) Same as ECE 481 with additional honors project.
(RE) Prerequisite(s): 316 and 325.
(DE) Prerequisite(s): 336.

Rationale: Addition of honors versions of selected ECE junior and senior-level courses: The honors version of the courses will be taught at the same place and time as the regular versions. These courses essentially replace honors by contract. Impact on other units: none. Financial impact: none.

DROP

✱**400 Senior Design (5)**

ADD

401 Senior Design Theory (2) A design course that focuses the student's attention on professional practice, ethics, accumulated background of curricular components, and recent developments in the field. The focus is on teaching both the design process and design principles that allow students to utilize all of the above elements to effectively create designs for major design projects.
(RE) Prerequisite(s): 315 or 351.

✱**402 Senior Design Practicum (3)** A project-oriented course that requires teams of students to design a major project that incorporates the principles taught in 401. The design emphasis is directed to topics within the field of electrical and computer engineering.
Satisfies General Education Requirement: (WC) (OC)
(RE) Prerequisite(s): 401.

Equivalency Table

Current Course Electrical and Computer Engineering (ECE)	Equivalent Courses Effective Fall 2013 Electrical and Computer Engineering (ECE)
400	401
	402

Rationale: This new sequence replaces 400, which was a one-semester design course that combined design theory and a design project into the same course. Student feedback indicated that it would be better to first be introduced to design theory before being asked to design a project; hence the decision to split the course into a sequence of two courses. Impact on other units: None. Financial impact: None.

Course	Course Impact
ECE 400	Department of Electrical Engineering and Computer Science, Honors concentrations, 3rd bullet
	Computer Engineering, Computer Science, and Electrical Engineering Honors concentrations, 2nd bullet
	Computer Engineering major, 4th year, 2nd bullet

	Electrical Engineering major, intro paragraph and 4th year
	General Education page, approved Communicating Orally (OC) course
	General Education page, approved Communicating through Writing (WC) course

ADD (RE) PREREQUISITE

255 Introduction to Logic Design of Digital Systems (3)
(RE) Prerequisite(s): Computer Science 160.

Rationale: This change adds an appropriate prerequisite for a course that previously had none. In particular, Computer Science 160 provides a very rudimentary introduction to basic logic design, and with its prerequisite Computer Science 102, an introduction to programming. Both topics are helpful to students taking this course. Impact on other units: None. Financial impact: None.

ADD (RE) PREREQUISITE, ADD (RE) COREQUISITE

201 Circuits I (3)
(RE) Prerequisite(s): Engineering Fundamentals 152 or 158 and Mathematics 142 or 148 with grades of C or better.
(RE) Corequisite(s): Mathematics 231.

Rationale: This change adds an appropriate prerequisite(s) and corequisite for a course that previously had no banner-enforced prerequisite but which did require the signature of the associate head. This was done to ensure that students had taken all of their freshman courses before registering for 201. This process has become untenable, both because of the number of students enrolled in the course and because of coordination with both engineering advising and advising in other departments. The change lists the actual prerequisites required to succeed in the course. Impact on other units: None. Financial impact: None.

ENGINEERING FUNDAMENTALS DIVISION

(EF) Engineering Fundamentals

DROP

153 Introduction to Engineering (2)

Rationale: Course no longer needed. Impact on other units: None. Financial impact: None.

Course	Course Impact
EF 153	EF 105 comment

DROP COMMENT

105 Computer Methods in Engineering Problem Solving (1)
Formerly: Comment(s): 153 is an acceptable corequisite for transfer students.

Rationale: 153 is being dropped and Comment should be removed in 105 course information. Impact on other units: None. Financial impact: None.

DEPARTMENT OF INDUSTRIAL AND SYSTEMS ENGINEERING

(IE) Industrial Engineering

DROP

205 Engineering Economic Analysis (3)

Rationale: The content of this course is now included in 405. Impact on other units: None. Financial impact: None.

Course	Course Impact
IE 205	Industrial Engineering major, 2nd year
	IE 401 corequisite
	IE 404 corequisite
	IE 407 corequisite
	IE 430 corequisite

REVISE TITLE, REVISE DESCRIPTION, DROP GRADING RESTRICTION

250 Leadership in Industrial Engineering I (1) Professional Writing (1) Aspects of leadership in a professional environment will be studied from current literature reading and discussions. Industry professionals will periodically lead the class to enlighten students to aspects of the practice of industrial engineering. Explanation of ISE curriculum content and sequences will be provided. Regular submission of written papers on assigned and discussed topics will be critically reviewed to emphasize key aspects of professional level written communications including content, format, and referencing.

Formerly: Contemporary Issues in Industrial Engineering I (1) A critical review and discussion of contemporary issues that can potentially impact the practice of industrial engineering. Includes research, analysis, and synthesis activities along with coordinated efforts to discuss relevant aspects of the issues being addressed with an emphasis on developing communication, team-building, and research skills.

Grading Restriction: Satisfactory/No Credit grading only.

REVISE TITLE, REVISE DESCRIPTION, DROP GRADING RESTRICTION, ADD (RE) PREREQUISITE

✱**350 Leadership in Industrial Engineering II: Team Building Skills (1)** Aspects of leadership in a professional environment will be studied from current literature reading and discussions. Industry professionals will periodically lead the class to enlighten students to aspects of the practice of industrial engineering. Teams will be formed for a semester-long project addressing a contemporary issue in industrial engineering either from industry collaborations or from societal concerns. Teams will execute literature search, construct customer surveys, write a formal paper and present their findings.

(RE) Prerequisite(s): 250.

Formerly: Contemporary Issues in Industrial Engineering II (1) A critical review and discussion of contemporary issues that can potentially impact the practice of industrial engineering. Includes participating in team activities, performing research on assigned topics, participation in class discussions, and an emphasis on written communications.

Grading Restriction: Satisfactory/No Credit grading only.

450 Leadership in Industrial Engineering III: Project Planning (1) Aspects of leadership in a professional environment will be studied from current literature reading and discussions. Industry professionals will periodically lead the class to enlighten students to aspects of the practice of industrial engineering. Each student will develop a project plan including goals, milestones, task breakdown, resource assessment and budget culminating with an oral project review presentation.

(RE) Prerequisite(s): 350.

Formerly: Contemporary Issues in Industrial Engineering III (1) A critical review and discussion of contemporary issues that can potentially impact the practice of industrial engineering. Includes identification of relevant outcomes and emphasizes the necessary efforts to provide leadership and develop strategies consistent with desired results.

Grading Restriction: Satisfactory/No Credit grading only.

Rationale: The three courses (250, 350, 450) form part of a sequence of courses each with different emphasis and purpose (250-writing emphasis; 350 – teamwork project emphasis, 450 – project planning emphasis). Impact on other units: None. Financial Impact: None to minimal. The one-hour course will need to be offered in both fall and spring semesters. Currently, it is offered once annually.

REVISE DESCRIPTION, ADD CONTACT HOUR DISTRIBUTION, REVISE (RE) COREQUISITE

401 Facilities Planning and Material Handling (3) Fundamental concepts, theory and procedures for the study of facilities design and location; physical layout; material flow principles; and material handling. Product design, process planning and schedule design are integrated through the development of analytical procedures and use of layout planning software to enhance the decision-making process in the design, rationalization and improvement of factory and office layouts. The knowledge learned in this course is integrated with knowledge from selected related courses to develop a laboratory design project by students working in teams.

Contact Hour Distribution: 2 Lecture, 2 Lab (3 hour total).

(RE) Corequisite(s): 405.

Formerly: Review of manufacturing processes, including robotics and automation. Introduction to manufacturing system design, facilities planning, facility layout, material handling systems, and material handling design.

(RE) Corequisite(s): 205 or 405.

Rationale: Revised course reflects the continuous improvement of the industrial engineering curriculum to emphasize the engineering design process and create an environment where students work in teams and participate in the generation of written reports and oral presentations though the development of a laboratory design project. Impact on other units: None. Financial Impact: None.

REVISE (RE) COREQUISITE

404 Industrial Engineering Design I (2)

(RE) Corequisite(s): 405.

Formerly: 205 or 405.

407 Honors: Facilities Planning and Material Handling (3)

(RE) Corequisite(s): 405.

Formerly: 205 or 405.

430 Supply Chain Engineering (3)

(RE) Corequisite(s): 405.
Formerly: 205 or 405.

REVISE DESCRIPTION

405 Engineering Economic Analysis (3) Role of engineering economy in engineering practice; principles of economic equivalence; time value of money and discounted cash-flow techniques; analysis of single and multiple investments; comparison of alternatives; capital recovery and tax implications; inflation; public sector analysis; cost estimation; depreciation schedules; break-even point concepts; decision making under uncertainty; risk analysis; introduction to investing in the financial market; basic accounting principles and financial statements including balance sheets, income statements, cost of goods sold statements, and business ratios.
Formerly: Engineering Economic Analysis (3) Introduction to engineering economy and its application in engineering practice. Time-value of money and discounted cash flow techniques. Basic accounting principles. Decisions among engineering alternatives involving design options, equipment selection, break-even points, and similar situations. Cost estimating and consideration of taxes and inflation. Analyzing uncertainty in economic estimates using nonprobabilistic techniques. Introduction to techonomics including transaction cost analysis, concept of techonomic metrics, key trends driving exponential change in the economy and organizations.

Rationale: This revision reflects the updated and revised course content. Impact on other units: None. Financial Impact: None.

DEPARTMENT OF MATERIALS SCIENCE AND ENGINEERING

(MSE) Materials Science and Engineering

REVISE (RE) PREREQUISITE

250 Introduction to Materials Kinetics and Transport Phenomena (3)
(RE) Prerequisite(s): Engineering Fundamentals 230, Mathematics 142 or 148.
Formerly: Mathematics 142.

Rationale: We want our students to have a better background in a computing language before taking 250 which includes simulations of transport phenomena problems. Impact on other units: Engineering Fundamentals would need to accommodate ~20 additional students each Fall. Financial impact: None.

REVISE TITLE, REVISE (RE) PREREQUISITE

300 Principles of Materials Laboratory I (1)
(RE) Prerequisite(s): 201 and 210.
Formerly: Materials Laboratory Procedures
(RE) Prerequisite(s): 201.

Rationale: The course has been restructured and the new name reflects the connection to our junior level "Principles" lecture courses. The contents of 210 and 300 laboratory courses have changed. Laboratory skills necessary to complete 300 are introduced in 210. Impact on other units: None. Financial impact: None.

REVISE TITLE

304 Principles of Materials Laboratory II (1)
Formerly: Principles of Materials Laboratory

Rationale: This course follows in sequence after 300. Impact on other units: None. Financial impact: None.

DEPARTMENT OF MECHANICAL, AEROSPACE, AND BIOMEDICAL ENGINEERING

(AE) Aerospace Engineering

REVISE CREDIT HOURS

424 Astronautics (3)
Formerly: (4)

Rationale: Reduces required hours in curriculum to allow for electives. Impact on other units: None. Financial Impact: None.

Course	Course Impact

AE 424	Aerospace Engineering major, 4th year

425 Propulsion (3)
Formerly: (4)

Rationale: Reduces required hours in curriculum to allow for electives. Impact on other units: None. Financial Impact: None.

Course	Course Impact
AE 425	Aerospace Engineering major, 4th year
	AE 429 prerequisite
	AE 449 prerequisite

(BME) Biomedical Engineering

REVISE CREDIT HOURS, REVISE DESCRIPTION, REVISE (RE) PREREQUISITE, ADD (DE) PREREQUISITE, ADD REGISTRATION RESTRICTION

271 Biomedical Engineering Principles (3) Application of engineering principles and methods to problem solving in the life sciences and medicine. Fundamental principles underlying design, analysis, and modeling procedures. Introduction to modeling and simulation techniques in the analysis of biomedical systems. Development and use of computer software for the analysis and solution of biomedical problems.
(RE) Prerequisite(s): Biochemistry and Cellular and Molecular Biology 230 and Mathematics 231.
(DE) Prerequisite(s): Engineering Fundamentals 152 or 158, Physics 231, and Statistics 251.
Registration Restriction(s): Aerospace engineering major or biomedical engineering major or mechanical engineering major.
Formerly: (1) Application of engineering principles and methods to problem solving in the life sciences and medicine.
(RE) Prerequisite(s): Engineering Fundamentals 152.

Rationale: Introduces biomedical engineering content in 2nd year required for succeeding courses. Impact on other units: None. Financial Impact: None.

Course	Course Impact
BME 271	Biomedical Engineering major, 2nd year
	Department of Mechanical, Aerospace, and Biomedical Engineering, Full Status heading

REVISE TITLE, REVISE (RE) PREREQUISITE, ADD REGISTRATION RESTRICTION (PRIMARY CROSS-LIST)

†315 Signals and Systems Analysis (3)
(RE) Prerequisite(s): 271 or Engineering Fundamentals 230; and 363 or Mechanical Engineering 363.
Registration Restriction(s): Aerospace engineering major or biomedical engineering major or mechanical engineering major.
Formerly: Signals Analysis
(RE) Prerequisite(s): 363 or Mechanical Engineering 363.

Rationale: Better describes course content and adds programming background. Impact on other units: None. Financial Impact: None.

Course	Course Impact
BME 315	Biomedical Engineering major, 3rd year
	BME 430 prerequisite
	Cross-listed with ME 315

REVISE (RE) PREREQUISITE

345 Biomedical Engineering Instrumentation and Measurement (3)
(RE) Prerequisite(s): Aerospace Engineering 341 and Electrical and Computer Engineering 301.
Formerly: Aerospace Engineering 341 and Electrical and Computer Engineering 201.

Rationale: Reflects change in BME curriculum. Impact on other units: None. Financial impact: None.

REVISE (RE) PREREQUISITE, ADD (DE) PREREQUISITE

363 System Dynamics (3)

(RE) Prerequisite(s): Mathematics 231 and Mechanical Engineering 231.
(DE) Prerequisite(s): 271.
Formerly: Mechanical Engineering 231 and Mathematics 231.

367 Honors: System Dynamics (3)
(RE) Prerequisite(s): Mathematics 231 and Mechanical Engineering 231.
(DE) Prerequisite(s): 271.
Formerly: Mechanical Engineering 231 and Mathematics 231.

Rationale: Programming capabilities for computer simulations in 363 or 367 course(s) are necessary. Impact on other units: None. Financial Impact: None.

473 Applied Biomechanics (3)
(RE) Prerequisite(s): Biochemistry and Cellular and Molecular Biology 230 and Mechanical Engineering 231.
(DE) Prerequisite(s): 271.
Formerly: Mechanical Engineering 321.

477 Honors: Applied Biomechanics (3)
(RE) Prerequisite(s): Biochemistry and Cellular and Molecular Biology 230 and Mechanical Engineering 231.
(DE) Prerequisite(s): 271.
Formerly: Mechanical Engineering 321.

Rationale: There is a need for the biomedical engineering student to have an understanding of Human Physiology in order to better understand the content of 473 or 477 course(s) as well as computer skills. Impact on other units: None. Financial Impact: None.

REVISE (RE) PREREQUISITE, ADD REGISTRATION RESTRICTION

409 Cell and Tissue Engineering (3)
(RE) Prerequisite(s): 271 and Biochemistry and Cellular and Molecular Biology 230.
Registration Restriction(s): Aerospace engineering major or biomedical engineering major or mechanical engineering major.
Formerly: Biochemistry and Cellular and Molecular Biology 230 or Biology 140.

Rationale: The problem solving skills learned in 271 will enhance the student's experience in this course. Impact on other units: None. Financial Impact: None.

Course	Course Impact
BME 409	Materials Science and Engineering major, 3rd footnote
	Materials Science and Engineering major – Biomaterials concentration, 3rd footnote, Biomaterials concentration
	Materials Science and Engineering major – Nanomaterials concentration, 3rd footnote
	MSE 486 prerequisite

REVISE (RE) PREREQUISITE, REVISE (DE) PREREQUISITE

✱**430 Biomedical Engineering Laboratory (3)**
(RE) Prerequisite(s): 315 and 345.
(DE) Prerequisite(s): 409 and English 102.
Formerly: (RE) Prerequisite(s): 315 or Electrical and Computer Engineering 315, 345.
(DE) Prerequisite(s): English 102 or 118.

Rationale: A new experiment is being developed in the cell and tissue area. Impact on other units: None. Financial Impact: None.

REVISE (RE) COREQUISITE

455 Biomedical Engineering Design I (2)
(RE) Corequisite(s): 430 and 473.
Formerly: (RE) Corequisite(s): 430.

Rationale: The addition of Applied Biomechanics will enhance the capstone design experience for the biomedical engineering student. It is noted that since 409 is a prerequisite for 430, it will also serve as a prerequisite for capstone design. Impact on other units: None. Financial Impact: None.

(ME) Mechanical Engineering

REVISE TITLE, REVISE (RE) PREREQUISITE, ADD REGISTRATION RESTRICTION (SECONDARY CROSS-LIST)

†315 Signals and Systems Analysis (3)
(RE) Prerequisite(s): 271 or Engineering Fundamentals 230; and 363 or Mechanical Engineering 363.
Registration Restriction(s): Aerospace engineering major or biomedical engineering major or mechanical engineering major.
Formerly: Signals Analysis (3)

Rationale: Cross-listed course with Biomedical Engineering 315. Impact on other units: None. Financial Impact: None.

Course	Course Impact
ME 315	Cross-listed with BME 315

REVISE CREDIT HOURS

450 Mechanical Engineering Design I (3)
Formerly: (1-4)

Rationale: Simplifies hours required for degree. Impact on other units: None. Financial Impact: None.

Course	Course Impact
ME 450	Mechanical Engineering major, 4th year
	ME 410 prerequisite
	ME 460 prerequisite

460 Mechanical Engineering Design II (2)
Formerly: (1-4)

Rationale: Simplifies hours required for degree. Impact on other units: None. Financial Impact: None.

Course	Course Impact
ME 460	Mechanical Engineering major, 4th year
	Mechanical Engineering major, Honors Mechanical Engineering concentration, 3rd bullet

DEPARTMENT OF NUCLEAR ENGINEERING

(NE) Nuclear Engineering

REVISE CREDIT HOURS, REVISE DESCRIPTION, DROP GRADING RESTRICTION

200 Introduction to Nuclear and Radiological Engineering (2) Introduction to topics and issues in nuclear engineering, with scientific and technical topics interspersed with discussions about policy, lifelong learning and professional responsibility/ethics. This course combines traditional lectures and class dialogue. Students will learn the fundamentals of radiation, nuclear chemistry, and physics that are needed to understand concepts of nuclear reactions, including fission and fusion. Introduces the concepts of nuclear reactor theory and analysis needed to understand nuclear power engineering. Class discussions on the technical and policy aspects associated with nuclear (non) proliferation and the nuclear fuel cycle, most specifically involving the management of spent nuclear fuel. Introduces the application of nuclear radiation with matter in terms of understanding concepts of radiation protection, radiation detection, and health physics.
Formerly: (1) Topics related to nuclear and radiological engineering.
Grading Restriction: Satisfactory/No Credit grading only.

Rationale: This proposal upgrades this course from a "seminar type" format into a 2-credit hour graded class and covers fundamentals needed for other courses (such as 470 and 433). Impact on other units: None. Financial Impact: None.

Course	Course Impact
NE 200	Nuclear Engineering major, 2nd year
	Nuclear Engineering major – Radiological Engineering concentration, 2nd year

REVISE TITLE

351 Nuclear System Dynamics, Instrumentation, and Controls (3)
Formerly: Nuclear System Dynamics and Control

Rationale: The instructor is revising the course title to accurately reflect the areas of "nuclear instrumentation" covered and emphasized in this course. Impact on other units: None. Financial impact: None.

REVISE CREDIT HOURS

360 Reactor Systems and Safety (4)
Formerly: (3)

Rationale: Our curriculum is deficient in presenting a solid overview of two-phase flow. In particular, how it applies to boiling water reactors. The faculty voted and selected 360 as the most applicable course to include this course material. Impact on other units: None. Financial impact: None.

Course	Course Impact
NE 360	Nuclear Engineering major, 3rd year

II. PROGRAM CHANGES

REVISE COLLEGE TEXT (NATIONAL ACCREDITATION HEADING)

National Accreditation
All engineering programs at the University of Tennessee are accredited by the Engineering Accreditation Commission of ABET, http://www.abet.org. The computer science program at the University of Tennessee is accredited by the Computing Accreditation Commission of ABET. These accreditations ensure ~~This accreditation ensures~~ that graduates of the University of Tennessee, Knoxville, engineering and computer science programs are adequately prepared to enter and continue in their respective fields ~~the practice of engineering~~. Accredited ~~engineering~~ programs at the University of Tennessee, Knoxville, include aerospace, biomedical, biosystems, chemical, civil, computer, electrical, industrial, ~~mechanical,~~ materials science, mechanical, ~~and~~ nuclear and computer science.

Accreditation criteria require each engineering and computer science degree program to design a curriculum and educational process that will achieve defined educational objectives consistent with ABET criteria and the mission of the University of Tennessee, Knoxville. The educational objectives of each degree program are presented by the department responsible for the program later in following sections. In each case the objectives are consistent with the mission of the College of Engineering. That mission is to

- Provide high quality education in the major engineering disciplines from the undergraduate through doctoral levels through a creative balance of academic, professional, and extracurricular programs.
- Foster and maintain mutually beneficial partnerships with our alumni, friends, industry, and local, state, and federal governments through public services, assistance, and collaborative research.
- Be a major contributor to our nation's technology base through scholarship and research.

In addition, the educational objectives of each degree program are also guided by and are consistent with the strategic plan ~~objectives~~ for ~~of~~ the College of Engineering. In the undergraduate area, an important College of Engineering objective is to "Enhance the quality of all undergraduate engineering programs, incorporating distinctive undergraduate experiences, including undergraduate research, public service opportunities, and international experiences, and ensure that all undergraduates gain the knowledge, perspectives, and skills necessary to succeed in today's complex, global environment." ~~Two particularly relevant strategic objectives are "to continuously provide quality delivery of courses, programs, extracurricular activities, assistance, and support that enhances each student's desire to learn and that excites each student's interest in engineering and the work environment" and "to continuously provide and improve the education and working abilities that employers want our engineering graduates to have."~~

ABET accreditation criteria also require an assessment process to ensure that program outcomes critical to successful engineering practice are being achieved. Assessment of eleven engineering program outcomes and the computer science program outcome ~~common to all engineering disciplines~~ are required by ABET. Specifically, each engineering degree program must demonstrate that its graduates have

- an ability to apply knowledge of mathematics, science and engineering.
- an ability to design and conduct experiments, as well as to analyze and interpret data.
- an ability to design a system, component, or process to meet desired needs within realistic constraints such as economic, environmental, social, political, ethical, health and safety, manufacturability, and sustainability.
- an ability to function on multidisciplinary teams.
- an ability to identify, formulate, and solve engineering problems.
- an understanding of professional and ethical responsibility.
- an ability to communicate effectively.

- the broad education necessary to understand the impact of engineering solutions in a global~~/societal~~, economic, environmental, and societal context.
- a recognition of the need for, (insert comma) and an ability to engage in life-long learning.
- a knowledge of contemporary issues.
- an ability to use the techniques, skills, and modern engineering tools necessary for engineering practice.

and the computer science degree program must demonstrate that its graduates have

- an ability to apply knowledge of computing and mathematics appropriate to the discipline.
- an ability to analyze a problem, and identify and define the computing requirements appropriate to its solution.
- an ability to design, implement, and evaluate a computer-based system, process, component, or program to meet desired needs.
- an ability to function effectively on teams to accomplish a common goal.
- an understanding of professional, ethical, legal, security and social issues and responsibilities.
- an ability to communicate effectively with a range of audiences.
- an ability to analyze the local and global impact of computing on individuals, organizations, and society.
- recognition of the need for and an ability to engage in continuing professional development.
- an ability to use current techniques, skills, and tools necessary for computing practice.
- an ability to apply mathematical foundations, algorithmic principles, and computer science theory in the modeling and design of computer-based systems in a way that demonstrates comprehension of the tradeoffs involved in design choices.
- an ability to apply design and development principles in the construction of software systems of varying complexity.

The College of Engineering has embraced these program outcomes as valid and valuable indicators of educational program effectiveness. Thus, the college prepares students to demonstrate sufficiency and to strive for excellence in each of these areas. This goal is achieved by ensuring that instruction and other learning experiences are provided that will produce each program outcome. Engineering courses, computer science courses, mathematics and natural science courses, and the humanities and social sciences each provide essential contributions to the achievement of this goal. Program outcomes that are critically dependent on humanities and social science courses are discussed in the General Education Requirement section to follow. Additional program outcomes selected by individual degree programs to supplement ABET outcomes are also discussed in subsequent sections.

Rationale: Required by ABET. Impact on other units: None. Financial impact: None.

◈ADD ENGINEERING EXPLORATORY MAJOR

Academic Plan
Students in the exploratory major should meet with their advisor each term to select courses best suited for their intended career path.

Milestone Notes
Term 1
MATH 130 or higher or one Arts and Humanities*, Cultures and Civilizations*, or Social Sciences* Elective
Term 2
MATH 130 or higher
Term 3
EF 151* or PHYS 135*
Term 4
EF 152* or PHYS 136*
Term 5
CBE 201 or COSC 102* or ME 202 or MSE 201

REVISE RELIABILITY AND MAINTAINABILITY ENGINEERING MINOR

Minor Requirements
The minor consists of **15 hours**.

Select 3 hours:
IE 483 - Introduction to Reliability Engineering
ME 483 - Introduction to Reliability Engineering
NE 483 - Introduction to Reliability Engineering

Select 3 hours:
CBE 484 - Introduction to Maintainability Engineering
IE 484 - Introduction to Maintenance Engineering
ME 484 - Introduction to Maintainability Engineering
NE 484 - Introduction to Maintainability Engineering

Select 3 hours:

CBE 301 - Application of Statistical and Numerical Techniques in Engineering
ECE 313 - Probability and Random Variables
MATH 323 - Probability and Statistics
STAT 251 - Probability and Statistics for Scientists and Engineers

Select 6 hours:

CBE 360 - Process Dynamics and Control
ECE 315 - Signals and Systems I
ECE 471 - Introduction to Pattern Recognition
IE 300 - Engineering Data Analysis and Process Improvement
IE 340 - Process Improvement through Planned Experimentation **or** STAT 340 - Experimental Methods and Process Improvement
ME 345 - Mechanical Engineering Instrumentation and Measurement
ME 363 - System Dynamics
NE 401 - Radiological Engineering Laboratory
~~STAT 365 - Statistical Process Control~~

Rationale: Statistics 365 is no longer taught or available. The addition of statistics 340 as an elective for the minor program allows students to develop better statistical skills for improving processes. Impact on other units: None. Financial impact: None.

DEPARTMENT OF CHEMICAL AND BIOMOLECULAR ENGINEERING

REVISE DEPARTMENT TEXT (PROGRESSION TO UPPER-DIVISION HEADING)

PROGRESSION POLICIES AND REQUIREMENTS

Progression to Upper Division

Progression of students in the Department of Chemical and Biomolecular Engineering to departmental courses numbered 310 and above is competitive and is based on capacity. Factors considered include overall grade point average, performance in selected lower-division courses, and evidence of satisfactory and orderly progress through the prescribed curriculum.

Upper-Division Status

A lower-division student must apply for progression to upper-division status after completing CBE 201, CBE 235, CBE 240, and CBE 250 with a grade of C- or better in each course and an overall GPA of 2.3 or better.

Provisional Status

Students who have completed CBE 201, CBE 235, CBE 240, and CBE 250 with an overall GPA of at least 2.3 may apply for provisional status. The granting of provisional upper-division status is based on availability of space in the departmental programs after upper-division status students have been accommodated. Provisional students are required to demonstrate the ability to perform satisfactorily in upper-division courses by completing a total of seven departmental courses with a grade of C- or better in each course (including the four required for upper-division status). Permission to continue with upper-division classes depends on this minimum level of performance.

Any student with an overall GPA below 2.1 will not be admitted to upper-division chemical and biomolecular engineering courses. Students who have not been admitted to upper-division or provisional status will be dropped from upper-division departmental classes.

~~**Transfer Students**~~

~~Upper-division level transfer students are admitted on a provisional status basis only.~~

REVISE CHEMICAL ENGINEERING MAJOR

- Add introductory program text for UTracK
- Replace CBE 310 (3 hrs) with CBE 415 (3 hrs)
- Replace CBE 450 (3 hrs) with CBE 350 (3 hrs)

Rationale: Changes are in response to curricular restructuring. Delete 310 and 450; add 415 and 350. Note that 310 is being renumbered as 415, but is the same course. This is a General Education (WC) course. The Total Number of Showcase Hours (128) does not change. Impact on other academic units: None. Financial impact: None.

IMPORTANT: Progression vs. UTracK Requirements

Universal Tracking (UTracK) is an academic monitoring system designed to help students stay on track for timely graduation. UTracK requirements only affect first-time, first-year, full-time, degree-seeking students entering Fall 2013. Returning, readmitted

and transfer students will be required to follow the progression requirements defined by the college and department of their intended major.

PROGRESSION POLICIES AND REQUIREMENTS (for returning students)

Progression to Upper Division

Progression of students in the Department of Chemical and Biomolecular Engineering to departmental courses numbered 310 and above is competitive and is based on capacity. Factors considered include overall grade point average, performance in selected lower-division courses, and evidence of satisfactory and orderly progress through the prescribed curriculum.

Upper-Division Status

A lower-division student must apply for progression to upper-division status after completing CBE 201, CBE 235, CBE 240, and CBE 250 with a grade of C- or better in each course and an overall GPA of 2.3 or better.

Provisional Status

Students who have completed CBE 201, CBE 235, CBE 240, and CBE 250 with an overall GPA of at least 2.3 may apply for provisional status. The granting of provisional upper-division status is based on availability of space in the departmental programs after upper-division status students have been accommodated. Provisional students are required to demonstrate the ability to perform satisfactorily in upper-division courses by completing a total of seven departmental courses with a grade of C- or better in each course (including the four required for upper-division status). Permission to continue with upper-division classes depends on this minimum level of performance.

Any student with an overall GPA below 2.1 will not be admitted to upper-division chemical and biomolecular engineering courses. Students who have not been admitted to upper-division or provisional status will be dropped from upper-division departmental classes.

UTRACK REQUIREMENTS (for first-year students)

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.

Academic Plan		Milestone Notes
Term 1	**Hours**	**Term 1**
CHEM 120* or CHEM 128*	4	MATH 130 or higher or one Arts and Humanities*, Cultures and Civilizations*, or Social Sciences* Elective
EF 105	1	
EF 151* or EF 157*	4	
ENGL 101* or ENGL 118*	3	
MATH 141* or MATH 147*	4	
	16	
Term 2		**Term 2**
CHEM 130* or CHEM 138*	4	MATH 130 or higher
EF 152* or EF 158*	4	
ENGL 102*	3	
MATH 142* or MATH 148*	4	
	15	
Term 3		**Term 3**
BIOL 140* or BIOL 148*	4	EF 151* or PHYS 135*
CBE 201, CBE 235	7	
EF 230	2	
MATH 200, MATH 231	4	
	17	
Term 4		**Term 4**
CBE 240, CBE 250	8	EF 152* or PHYS 136*
CHEM 310, CHEM 319	4	
MATH 241 or MATH 247	4	
Social Sciences Elective*	3	
	19	
Term 5		**Term 5**
Arts and Humanities Elective*	3	CBE 201 or COSC 102* or ME 202 or MSE 201
CBE 301, CBE 350	6	
CHEM 350 or CHEM 358	3	
PHYS 231*	3	
	15	
Term 6		**Term 6**
Arts and Humanities Elective*	3	No milestones
[2]Bio Option I	3	
CBE 340, CBE 360, CBE 380	7	
[3]Technical Elective	3	

	16

Term 7	
CBE 415*, CBE 445, CBE 480	9
Cultures and Civilizations Elective*	6
	15

Term 8	
CBE 401	1
CBE 488* or CBE 490*	3
[1]Chem Option I	3
Social Sciences Elective*	3
[3]Technical Elective	5
	15
TOTAL	**128**

Term 7
No milestones

Term 8
No milestones

* Meets University General Education Requirement.

[1] Chem Option I: Any 200-level or above BCMB courses; any 200-level or above CHEM courses; Environmental Engineering 554, 562; MSE 340 or MSE 347, MSE 360 or MSE 367, any 200-level or above MICR courses.

[2] Bio Option I: BCMB 230, BCMB 321, BCMB 401, BCMB 402, BCMB 412; BIOL 240, BIOL 250; CBE 455; MICR 210*, MICR 310.

[3] One technical elective must be a chemical and biomolecular engineering course. CBE 457 may not count as the one CBE course.

REVISE CHEMICAL ENGINEERING MAJOR—BIOMOLECULAR ENGINEERING CONCENTRATION

- Add introductory program text for UTracK
- Replace CBE 310 (3 hrs) with CBE 415 (3 hrs)
- Replace CBE 450 (3 hrs) with CBE 350 (3 hrs)
- Remove CHEM 369 as an option in Bio option footnote

Rationale: Changes are in response to curricular restructuring. Delete 310 and 450; add 415 and 350. Note that 310 is being renumbered as 415, but is the same course. This is a General Education (WC) course. The Total Number of Showcase Hours (128) does not change. Remove CHEM 369 from the list of possible Bio Option I. Impact on other academic units: None. Financial impact: None.

IMPORTANT: Progression vs. UTracK Requirements
Universal Tracking (UTracK) is an academic monitoring system designed to help students stay on track for timely graduation. UTracK requirements only affect first-time, first-year, full-time, degree-seeking students entering Fall 2013. Returning, readmitted and transfer students will be required to follow the progression requirements defined by the college and department of their intended major.

PROGRESSION POLICIES AND REQUIREMENTS (for returning students)
Progression to Upper Division
Progression of students in the Department of Chemical and Biomolecular Engineering to departmental courses numbered 310 and above is competitive and is based on capacity. Factors considered include overall grade point average, performance in selected lower-division courses, and evidence of satisfactory and orderly progress through the prescribed curriculum.

Upper-Division Status
A lower-division student must apply for progression to upper-division status after completing CBE 201, CBE 235, CBE 240, and CBE 250 with a grade of C- or better in each course and an overall GPA of 2.3 or better.

Provisional Status
Students who have completed CBE 201, CBE 235, CBE 240, and CBE 250 with an overall GPA of at least 2.3 may apply for provisional status. The granting of provisional upper-division status is based on availability of space in the departmental programs after upper-division status students have been accommodated. Provisional students are required to demonstrate the ability to perform satisfactorily in upper-division courses by completing a total of seven departmental courses with a grade of C- or better in each course (including the four required for upper-division status). Permission to continue with upper-division classes depends on this minimum level of performance.

Any student with an overall GPA below 2.1 will not be admitted to upper-division chemical and biomolecular engineering courses. Students who have not been admitted to upper-division or provisional status will be dropped from upper-division departmental classes.

UTRACK REQUIREMENTS (for first-year students)
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.

Academic Plan

Term 1	**Hours**
CHEM 120* or CHEM 128*	4

Milestone Notes

Term 1
MATH 130 or higher or one Arts and Humanities*, Cultures

		and Civilizations*, or Social Sciences* Elective
EF 105	1	
EF 151* or EF 157*	4	
ENGL 101* or ENGL 118*	3	
MATH 141* or MATH 147*	4	
	16	
Term 2		**Term 2**
CHEM 130* or CHEM 138*	4	MATH 130 or higher
EF 152* or EF 158*	4	
ENGL 102*	3	
MATH 142* or MATH 148*	4	
	15	
Term 3		**Term 3**
BIOL 140* or BIOL 148*	4	
CBE 201, CBE 235	7	EF 151* or PHYS 135*
EF 230	2	
MATH 200, MATH 231	4	
	17	
Term 4		**Term 4**
CBE 240, CBE 250	8	EF 152* or PHYS 136*
MATH 241 or MATH 247	4	
Social Sciences Elective*	3	
	15	
Term 5		**Term 5**
Arts and Humanities Elective*	3	CBE 201 or COSC 102* or ME 202 or MSE 201
CBE 301, CBE 350	6	
CHEM 350 or CHEM 358	3	
PHYS 231*	3	
	15	
Term 6		**Term 6**
Arts and Humanities Elective*	3	No milestones
BIOL 240	4	
CBE 340, CBE 360, CBE 380	7	
CHEM 360 or CHEM 368; CHEM 369	5	
	19	
Term 7		**Term 7**
BCMB 401 or BCMB 412	4	No milestones
CBE 415*, CBE 445, CBE 480	9	
Cultures and Civilizations Elective*	3	
	16	
Term 8		**Term 8**
[1]Bio Option I	2-3	No milestones
CBE 401, CBE 475	4	
CBE 488* or CBE 490*	3	
Cultures and Civilizations Elective*	3	
Social Sciences Elective*	3	
	15-16	
TOTAL	**128**	

* Meets University General Education Requirement.

[1] Bio Option I: BCMB 230, BCMB 321, BCMB 401, BCMB 412; BIOL 250; CBE 455; MICR 210*, MICR 310.

DEPARTMENT OF CIVIL AND ENVIRONMENTAL ENGINEERING

REVISE DEPARTMENT TEXT (EDUCATIONAL OBJECTIVES HEADING)

Educational Objectives

Consistent with the mission of the Department of Civil and Environmental Engineering at the University of Tennessee, graduates of the program will have technical competency to conduct engineering projects and to advance with increasing responsibility; and professional competency to continually increase engineering proficiency, proceed on a track to attain professional licensure, and contribute to the profession and community.

The curriculum in civil engineering provides training in fundamental engineering sciences and in basic subjects in related fields. Technical electives are available in construction, environmental engineering, geotechnical, materials, structures, transportation, or water resources.

In support of the above objectives, at the time of graduation, students will have achieved and demonstrated the following outcomes:

(a) an ability to apply knowledge of mathematics, science and engineering
(b) an ability to design and conduct experiments, as well as to analyze and interpret data
(c) an ability to design a system, component, or process to meet desired needs within realistic constraints such as economic, environmental, social, political, ethical, health and safety, manufacturability, and sustainability
(d) an ability to function on multidisciplinary teams
(e) an ability to identify, formulate, and solve engineering problems
(f) an understanding of professional and ethical responsibility
(g) an ability to communicate effectively
(h) the broad education necessary to understand the impact of engineering solutions in a global, economic, environmental, and societal context
(i) a recognition of the need for, and an ability to engage in life-long learning
(j) a knowledge of contemporary issues
(k) an ability to use the techniques, skills, and modern engineering tools necessary for engineering practice.

Rationale: Required by ABET. Impact on other units: None. Financial impact: None.

REVISE CIVIL ENGINEERING MAJOR

- Added introductory program text for UTracK

IMPORTANT: Progression vs. UTracK Requirements
Universal Tracking (UTracK) is an academic monitoring system designed to help students stay on track for timely graduation. UTracK requirements only affect first-time, first-year, full-time, degree-seeking students entering Fall 2013. Returning, readmitted and transfer students will be required to follow the progression requirements defined by the college and department of their intended major.

PROGRESSION POLICIES AND REQUIREMENTS (for returning students)
Students are required to be advised every semester. Students are required to maintain a cumulative grade point of at least 2.0 in all civil engineering and environmental engineering courses taken at the University of Tennessee, Knoxville, used to satisfy the graduation requirements. No more than four credit hours of civil and environmental engineering courses in which a C- or lower is the highest grade earned may be counted toward graduation. Students must earn a grade of C or better in all courses within their two selected concentrations.

UTRACK REQUIREMENTS (for first-year students)
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.

Academic Plan

Term 1	Hours
CHEM 120* or CHEM 128*	4
EF 105	1
EF 151* or EF 157*	4
ENGL 101* or ENGL 118*	3
MATH 141* or MATH 147*	4
	16
Term 2	
EF 152* or EF 158*	4
ENGL 102*	3
CHEM 130* or CHEM 138*	4
MATH 142* or MATH 148*	4
	15
Term 3	
CE 210	4
ECON 201* or ECON 207*	4
MATH 231	3
ME 202	2
STAT 251	3
	16
Term 4	
CE 205*, CE 262, CE 391	8
MATH 241 or MATH 247	4

Milestone Notes

Term 1
MATH 130 or higher or one Arts and Humanities*, Cultures and Civilizations*, or Social Sciences* Elective
Term 2
MATH 130 or higher
Term 3
EF 151* or PHYS 135*
Term 4
EF 152* or PHYS 136*

[2]Science Elective	3-4	
	15-16	
Term 5		**Term 5**
CE 310, CE 331, CE 355, CE 371, CE 381	13	CBE 201 or COSC 102* or ME 202 or MSE 201
Cultures and Civilizations Elective*	3	
	16	
Term 6		**Term 6**
Arts and Humanities Elective*	3	No milestones
CE 300, CE 305, CE 321	8	
CE 440 or CE 447	3	
Cultures and Civilizations Elective*	3	
	17	
Term 7		**Term 7**
CE 442	3	No milestones
[1]CE Concentration Elective	3	
[1]CE Concentration Lab	1	
Social Sciences Elective*	3	
[3]Technical Electives	6	
	16	
Term 8		**Term 8**
Arts and Humanities Elective*	3	No milestones
[1]CE Concentration Elective	3	
[1]CE Concentration Lab	1	
CE 400, CE 401	4	
EF 402	1	
[3]Technical Elective	3	
	15	
TOTAL	**126-127**	

* Meets University General Education Requirement. All electives must be pre-approved by the advisor and the department head.

[1] Select two of the following concentration sequences: environmental sequence (CE 481 or CE 487, CE 482), geotechnical sequence (CE 430 or CE 437, CE 432), structural sequence (CE 461 or CE 467, CE 463), transportation sequence (CE 455 or CE 458, CE 456), water resources sequence (CE 494 or CE 497, CE 496).

[2] Select from BIOL 101*, BIOL 102*, BIOL 130*, BIOL 138*, BIOL 140*, BIOL 148*; Environmental Engineering 513; ESS 462; GEOG 131*, GEOG 410; GEOL 101*, GEOL 103*, GEOL 107*.

[3] Must be approved by advisor.

DEPARTMENTAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCE

REVISE DEPARTMENT TEXT (PROGRAM EDUCATIONAL OBJECTIVES HEADING)

Program Educational Objectives

Computer Engineering

- Graduates who enter professional practice will demonstrate progression toward positions of technical responsibility or managerial leadership in their discipline.
- Graduates who pursue full-time graduate or advanced professional study will successfully complete their programs of study in their discipline.
- Graduates will meet their own and societal needs that are consistent with the goals of life-long learning, professional ethics, and leadership.

Computer Science

- Graduates who enter professional practice will demonstrate progression toward positions of technical responsibility or managerial leadership in their discipline.
- Graduates who pursue full-time graduate or advanced professional study will successfully complete their programs of study in their discipline.
- Graduates will meet their own and societal needs that are consistent with the goals of life-long learning, professional ethics, and leadership

Electrical Engineering

- Graduates who enter professional practice will demonstrate progression toward positions of technical responsibility or managerial leadership in their discipline.
- Graduates who pursue full-time graduate or advanced professional study will successfully complete their programs of study in their discipline.
- Graduates will meet their own and societal needs that are consistent with the goals of life-long learning, professional ethics, and leadership.

~~a. Will apply the knowledge of the fundamentals of engineering, science, and mathematics in the practice of computer engineering, computer science, and electrical engineering or in advanced professional studies; will identify, formulate and solve computer engineering, computer science, and electrical engineering problems.~~
~~b. Will design, analyze, and implement complex devices and systems containing hardware and software components while considering a combination of economic, ethical, safety, environmental, and social issues; will be able to use modern engineering and scientific techniques, skills, and tools.~~
~~c. Will communicate effectively, function on multi-disciplinary teams, and engage in lifelong learning.~~

Rationale: Required by ABET. Impact on other units: None. Financial impact: None.

REVISE DEPARTMENT TEXT (GENERAL HEADING, 6TH PARAGRAPH)

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.

REVISE DEPARTMENT TEXT (HONORS CONCENTRATIONS HEADING)

Students who wish to pursue the honors electrical engineering concentration, honors computer engineering concentration, and honors computer science concentration will normally be part of the Chancellor's Honors Program.

Candidates for the honors electrical engineering concentration and the honors computer engineering concentration must complete the first year courses for honors concentration in the engineering majors. Candidates for the honors computer science concentration must meet the first year requirements for the Chancellor's Honors Program.

In addition to satisfying the requirements described above, candidates for these three honors concentrations must also satisfy the following requirements.

- Two upper-division honors courses in computer science or electrical and computer engineering via Honors-by-Contract or Honors Independent study, or equivalent.
- If participating in only the Chancellor's Honors Program, the Honors-by-Contract paperwork goes to the Chancellor's Honors Office on campus during the first 10 days of the semester. If participating in Engineering Honors and not Chancellor's Honors, the Honors-by-Contract paperwork is submitted the first 10 days of the semester to the engineering major department. If participating in both Chancellor's and Engineering Honors, the Honors-by-Contract paperwork is submitted to both areas.
- Complete a 3-credit hour senior project course. This can normally be completed as part of the capstone design course, ECE 402* ~~400*~~ for computer engineering and electrical engineering majors or COSC 402* ~~400*~~ for computer science majors.

Rationale: Reflects the splitting of COSC 400 and ECE 400 into two new courses, COSC 401/402 and ECE 401/402. Impact on other academic units: None. Financial impact: None.

REVISE COMPUTER ENGINEERING MAJOR

- Add introductory program text for UTracK
- Replace ECE 400 (5 hrs) with ECE 401 (2 hrs) and ECE 402 (3 hrs)
- Revise footnote 1
- Reordered the sentences in the computer engineering upper-division electives footnote
- Add ECE 477 and ECE 478 as options under the Signals and Systems track
- Add ECE 477 as an option under the Machine Learning & Artificial Intelligence track
- Drop COSC 556, COSC 557, and COSC 567 as options under the Software Systems track
- Add ECE 417 and ECE 347 and dropped ECE 446 as options under the Control and Communications track
- Add ECE 427 and ECE 487 as options under the Electronics and Power track

Rationale: Reflects the splitting of ECE 400 into two new courses, ECE 401 and 402. Incorporated new honors courses. Impact on other academic units: None. Financial impact: None.

IMPORTANT: Progression vs. UTracK Requirements
Universal Tracking (UTracK) is an academic monitoring system designed to help students stay on track for timely graduation. UTracK requirements only affect first-time, first-year, full-time, degree-seeking students entering Fall 2013. Returning, readmitted and transfer students will be required to follow the progression requirements defined by the college and department of their intended major.

PROGRESSION POLICIES AND REQUIREMENTS (for returning students)
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 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.

UTRACK REQUIREMENTS (for first-year students)
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.

Academic Plan		Milestone Notes
Term 1	**Hours**	**Term 1**
COSC 102*	4	MATH 130 or higher or one Arts and Humanities*, Cultures and Civilizations*, or Social Sciences* Elective
EF 151* or EF 157*	4	
ENGL 101* or ENGL 118*	3	
MATH 141* or MATH 147*	4	
	15	
Term 2		**Term 2**
COSC 160	4	MATH 130 or higher
EF 152* or EF 158*	4	
ENGL 102*	3	
MATH 142* or MATH 148*	4	
	15	
Term 3		**Term 3**
COSC 140	4	EF 151* or PHYS 135*
ECE 201, ECE 255	6	
PHYS 231*	3	
MATH 231	3	
	16	
Term 4		**Term 4**
CHEM 120* or CHEM 128*	4	EF 152* or PHYS 136*
ECE 202	3	
MATH 241 or MATH 247	4	
MATH 251 or MATH 257	3	
PHYS 232*	4	
	18	
Term 5		**Term 5**
COSC 302	4	CBE 201 or COSC 102* or ME 202 or MSE 201
[1]Cultures and Civilizations Elective*	3	
ECE 315, ECE 335, ECE 395	7	
ECE 313 or ECE 317	3	
	17	
Term 6		**Term 6**
[1]Arts and Humanities Elective*	3	
COSC 311, COSC 361	6	No milestones
ECE 351 or ECE 357	3	
[2]Computer Engineering Upper Division Elective	3	
	15	
Term 7		**Term 7**
[1]Arts and Humanities Elective*	3	No milestones
ECE 401*	2	
ECE 451 or ECE 457	3	
[1]Social Sciences Elective*	3	
[2]Computer Engineering Upper Division Elective	6	
	17	

Term 8	
[1]Cultures and Civilizations Elective*	3
ECE 402*	3
[1]Social Sciences Elective*	3
[2]Computer Engineering Upper Division Elective	6
	15
TOTAL	128

Term 8
No milestones

* Meets University General Education Requirements

[1] Chosen from University General Education List.

[2] Among the five Computer Engineering Upper Division Electives, you must choose courses that cover 3 tracks with one of the tracks being Networking & Embedded Systems. The course distribution among the 3 tracks should follow the 2-2-1 pattern, among which at most 2 courses can be at the 3xx-level. The following series lists the acceptable set of electives that may be taken to satisfy the upper division electives for the Computer Engineering major. The electives have been grouped into 6 suggested tracks. The tracks group related electives that a student may wish to take in order to achieve a level of expertise in the indicated area. The 500-level courses are listed as suggestions to students admitted in the five-year BS/MS program.

- **Networking & Embedded Systems:** ECE 453, ECE 454, ECE 455, ECE 553, ECE 555, ECE 556; COSC 530.
- **Signals and Systems:** ECE 316, ECE 471 or ECE 477, ECE 472 or ECE 478, ECE 505, ECE 506, ECE 571, ECE 572.
- **Machine Learning & Artificial Intelligence:** ECE 471 or ECE 477, ECE 517, ECE 571; COSC 420, COSC 425, COSC 526, COSC 527, COSC 528, COSC 529.
- **Software Systems:** COSC 340, COSC 360, COSC 370, COSC 456, COSC 461, COSC 462, COSC 465, COSC 525, COSC 541, COSC 560, COSC 565, COSC 581.
- **Control and Communications:** ECE 316, ECE 415, ECE 416 or ECE 417, ECE 341 or ECE 347, ECE 342, ECE 441, ECE 442, ECE 443.
- **Electronics and Power:** ECE 316, ECE 325, ECE 336, ECE 421 or ECE 427, ECE 431, ECE 432, ECE 433, ECE 481 or ECE 487.

REVISE COMPUTER SCIENCE MAJOR

- Add introductory program text for UTracK
- Replace COSC 400 (5 hrs) with COSC 401 (2 hrs) and COSC 402 (3 hrs)
- Add COSC 317 as an option for COSC 311
- Add COSC 307 as an option for COSC 302
- Add COSC 367 as an option for COSC 360
- Revise footnote 1 and reordered footnotes
- Add COSC 377 as an option under the Scientific Computing track
- Add COSC 427 as an option under the Artificial Intelligence track

Rationale: There are two reasons for the change in First Year and Second Year. First, it aligns the computer science showcase curriculum with the computer engineering showcase curriculum, which has students take COSC 160 before COSC 140. COSC 160 is more of a "hardware" course and COSC 140 is more of a "software" course. Students in the two majors start by taking COSC102 which is a "software" course, so by aligning COSC 160 and 140 in this manner, we have students in both majors start with a software and then a hardware course, thus exposing them to both areas and allowing them to make a more informed decision about which major to pursue. Second, the material in COSC 160 could potentially help students succeed better in COSC 140, as they learn some low-level details about computers that could prove helpful in COSC 140. We may make COSC 160 a pre-requisite for COSC 140 in the future, once we have a better feel for whether this switch in sequencing improves student's results in COSC 140. The Fourth Year change reflects the splitting of COSC 400 into two new courses, COSC 401 and 402. Impact on other academic units: None. Financial impact: None.

IMPORTANT: Progression vs. UTracK Requirements
Universal Tracking (UTracK) is an academic monitoring system designed to help students stay on track for timely graduation. UTracK requirements only affect first-time, first-year, full-time, degree-seeking students entering Fall 2013. Returning, readmitted and transfer students will be required to follow the progression requirements defined by the college and department of their intended major.

PROGRESSION POLICIES AND REQUIREMENTS (for returning students)
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. 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 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.

UTRACK REQUIREMENTS (for first-year students)

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.

Academic Plan		Milestone Notes
Term 1	**Hours**	**Term 1**
COSC 102*	4	MATH 130 or higher or one Arts and Humanities*, Cultures and Civilizations*, or Social Sciences* Elective
ENGL 101* or ENGL 118*	3	
MATH 141* or MATH 147*	4	
PHYS 135* or PHYS 137*	4-5	
	15-16	
Term 2		**Term 2**
COSC 160	4	MATH 130 or higher
ENGL 102*	3	
MATH 142* or MATH 148*	4	
PHYS 136* or PHYS 138*	4-5	
	15-16	
Term 3		**Term 3**
BIOL 101*, BIOL 130*, BIOL 138*, CHEM 100*, CHEM 120*, CHEM 128* or PHYS 231*	3-4	EF 151* or PHYS 135*
COSC 140	4	
COSC 311 or COSC 317	3	
MATH 241 or MATH 247	4	
	14-15	
Term 4		**Term 4**
[1]Arts and Humanities Elective*	3	EF 152* or PHYS 136*
COSC 312	3	
COSC 302 or COSC 307	4	
MATH 251 or MATH 257	3	
	13	
Term 5		**Term 5**
COSC 360 or COSC 367	4	CBE 201 or COSC 102* or ME 202 or MSE 201
[2]Computer Science Upper Division Elective	3	
[1]Cultures and Civilizations Elective*	3	
ECE 313	3	
[1]Social Sciences Elective*	3	
	16	
Term 6		**Term 6**
COSC 361, COSC 365	6	No milestones
[2]Computer Science Upper Division Elective	3	
[1]Cultures and Civilizations Elective*	3	
[3]Unrestricted Elective	3	
	15	
Term 7		**Term 7**
[1]Arts and Humanities Elective*	3	No milestones
COSC 401* or COSC 407*	2	
[2]Computer Science Upper Division Electives	9	
ENGL 355* or ENGL 360*	3	
	17	
Term 8		**Term 8**
COSC 402*	3	No milestones
[2]Computer Science Upper Division Electives	6	
[1]Social Sciences Elective*	3	
[3]Unrestricted Elective	3	
	12	
TOTAL	**120**	

* Meets University General Education Requirements.

[1] Chosen from University General Education List.

[2] The following table lists the acceptable set of electives that may be taken to satisfy the upper division electives for the CS major. The electives have been grouped into 6 suggested tracks. The tracks group related electives that a student may wish to take in order to achieve a level of expertise in the indicated area. However, it is not mandatory to take any track and students are free to mix and match courses from different tracks to fit their specific interests.

- **Theory:** COSC 440, COSC 482.
- **Systems:** COSC 456, COSC 462; ECE 453, ECE 454.
- **Software:** COSC 340, COSC 461, COSC 465.
- **Hardware:** ECE 451, ECE 455.
- **Scientific Computing:** COSC 370 or COSC 377, COSC 471, COSC 472, MATH 231.
- **Artificial Intelligence:** COSC 420 or COSC 427, COSC 425; ECE 471.

[3] Any courses not already required for the major.

REVISE ELECTRICAL ENGINEERING MAJOR

- Replace ECE 400 with ECE 401 in intro paragraph
- Add introductory program text for UTracK
- Revise footnotes 1 and 2
- Replace ECE 400 (5 hrs) with ECE 401 (2 hrs) and ECE 402 (3 hrs)
- Add ECE 317 as an option for ECE 313
- Add ECE 347 as an option for ECE 341
- Add honors equivalents to electrical engineering senior electives footnote

Rationale: Reflects the splitting of ECE 400 into two new courses, ECE 401 and 402. Incorporated new honors courses. Impact on other academic units: None. Financial impact: None.

IMPORTANT: Progression vs. UTracK Requirements
Universal Tracking (UTracK) is an academic monitoring system designed to help students stay on track for timely graduation. UTracK requirements only affect first-time, first-year, full-time, degree-seeking students entering Fall 2013. Returning, readmitted and transfer students will be required to follow the progression requirements defined by the college and department of their intended major.

PROGRESSION POLICIES AND REQUIREMENTS (for returning students)
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. 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 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.

UTRACK REQUIREMENTS (for first-year students)
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.

Academic Plan

Term 1	Hours
COSC 102*	4
EF 151* or EF 157*	4
ENGL 101* or ENGL 118*	3
MATH 141* or MATH 147*	4
	15

Term 2	
COSC 160	4

Milestone Notes

Term 1
MATH 130 or higher or one Arts and Humanities*, Cultures and Civilizations*, or Social Sciences* Elective

Term 2
MATH 130 or higher

EF 152* or EF 158*	4	
ENGL 102*	3	
MATH 142* or MATH 148*	4	
	15	
Term 3		**Term 3**
CHEM 120* or CHEM 128*	4	
ECE 201, ECE 255	6	EF 151* or PHYS 135*
MATH 231	3	
PHYS 231*	3	
	16	
Term 4		**Term 4**
ECE 202	3	EF 152* or PHYS 136*
ECE 313 or ECE 317	3	
MATH 241 or MATH 247	4	
MATH 251 or MATH 257	3	
PHYS 232*	4	
	17	
Term 5		**Term 5**
ECE 315, ECE 325, ECE 335, ECE 395	10	CBE 201 or COSC 102* or ME 202 or MSE 201
ECE 341 or ECE 347	3	
[1]Social Sciences Elective*	3	
	16	
Term 6		**Term 6**
[1]Arts and Humanities Elective*	3	No milestones
ECE 316, ECE 336, ECE 342	9	
[1]Social Sciences Elective*	3	
	15	
Term 7		**Term 7**
[1]Arts and Humanities Elective*	3	No milestones
[1]Cultures and Civilizations Elective*	3	
[2]EF 402	1	
ECE 401*	2	
[3]Electrical Engineering Senior Electives	9	
	18	
Term 8		**Term 8**
[1]Cultures and Civilizations Elective*	3	No milestones
ECE 402*	3	
[3]Electrical Engineering Senior Elective	3	
[4]Technical Electives	6	
	15	
TOTAL	**127**	

* Meets University General Education Requirement.

[1] Chosen from University General Education List.

[2] Students in the Chancellor's Honors Program are not required to take EF 402.

[3] Acceptable senior electrical and computer engineering sequences are ECE 415-ECE 416 (or ECE 417), ECE 421 (or ECE 427)-ECE 422, ECE 431-ECE 432, ECE 431-ECE 433, ECE 441-ECE 442, ECE 443-ECE 446, ECE 451 (or ECE 457)-ECE 453, ECE 451 (or ECE 457)-ECE 454, ECE 451 (or ECE 457)-ECE 455, ECE 453-ECE 454, ECE 471 (or ECE 477)-ECE 472 (or ECE 478), ECE 481 (or ECE 487)-ECE 482.

[4] Technical electives chosen from COSC 140, COSC 311 or MATH 300, COSC 370; CHEM 130* or CHEM 138*; IE 405; MSE 201, MSE 410; ME 231, ME 321, ME 331, ME 344; NE 342 or NE 347.

◈ ADD ELECTRICAL ENGINEERING MAJOR—POWER AND ENERGY SYSTEMS CONCENTRATION

Rationale: The power and energy systems concentration offers students the opportunity to develop a deeper knowledge base in the fields of power system, power electronics, renewable energy and engineering entrepreneurship to supplement their major degree.
Impact on other units: Minimal. This concentration does not drop or alter courses required by other programs but may increase enrollment in industrial engineering 457 or industrial engineering 405. Financial impact: None. This concentration does not require additional resources or workload for faculty.

The department offers a concentration for undergraduates who are interested in the fields of power system and power electronics. This concentration pulls together currently-offered courses to provide students with an in-depth focus towards control systems, operations, planning, system components, power electronics, and circuits.

IMPORTANT: Progression vs. UTracK Requirements

Universal Tracking (UTracK) is an academic monitoring system designed to help students stay on track for timely graduation. UTracK requirements only affect first-time, first-year, full-time, degree-seeking students entering Fall 2013. Returning, readmitted and transfer students will be required to follow the progression requirements defined by the college and department of their intended major.

PROGRESSION POLICIES AND REQUIREMENTS (for returning students)
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 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.

UTRACK REQUIREMENTS (for first-year students)
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.

Academic Plan		Milestone Notes
Term 1	**Hours**	**Term 1**
COSC 102*	4	MATH 130 or higher or one Arts and Humanities*, Cultures and Civilizations*, or Social Sciences* Elective
EF 151* or EF 157*	4	
ENGL 101* or ENGL 118*	3	
MATH 141* or MATH 147*	4	
	15	
Term 2		**Term 2**
COSC 160	4	MATH 130 or higher
EF 152* or EF 158*	4	
ENGL 102*	3	
MATH 142* or MATH 148*	4	
	15	
Term 3		**Term 3**
CHEM 120* or CHEM 128*	4	
ECE 201, ECE 255	6	EF 151* or PHYS 135*
MATH 231	3	
PHYS 231*	3	
	16	
Term 4		**Term 4**
ECE 202	3	EF 152* or PHYS 136*
ECE 313 or ECE 317	3	
MATH 241 or MATH 247	4	
MATH 251 or MATH 257	3	
PHYS 232*	4	
	17	
Term 5		**Term 5**
ECE 315, ECE 325, ECE 335, ECE 395	10	CBE 201 or COSC 102* or ME 202 or MSE 201
ECE 341 or ECE 347	3	
[1]Social Sciences Elective*	3	
	16	
Term 6		**Term 6**
[1]Arts and Humanities Elective*	3	No milestones
ECE 316, ECE 336, ECE 342	9	
[1]Social Sciences Elective*	3	
	15	
Term 7		**Term 7**
[1]Arts and Humanities Elective*	3	No milestones
[1]Cultures and Civilizations Elective*	3	
[2]EF 402	1	
ECE 401*	2	

[3]Power and Energy Systems Electives	9	
	18	

Term 8	
[1]Cultures and Civilizations Elective*	3
ECE 402*	3
IE 457 or ME 457	3
[3]Power and Energy Systems Elective	3
[4]Technical Elective	3
	15
TOTAL	**127**

Term 8
No milestones

* Meets University General Education Requirement.
[1] Chosen from University General Education List.
[2] Students in the Chancellor's Honors Program are not required to take EF 402.
[3] Select four courses (12 hours) from: ECE 415, ECE 421, ECE 422, ECE 481, ECE 482, ECE 521, ECE 522, ECE 523, ECE 525.
[4] Select one course from: COSC 140, COSC 311 or MATH 300, COSC 370; CHEM 130* or CHEM 138*; IE 405; MSE 201, MSE 410; ME 231, ME 321, ME 331, ME 344; NE 342 or NE 347.

REVISE HONORS CONCENTRATION—COMPUTER ENGINEERING, COMPUTER SCIENCE, AND ELECTRICAL ENGINEERING MAJORS

Students who wish to pursue the honors electrical engineering concentration, honors computer engineering concentration, and honors computer science concentration will normally be part of the Chancellor's Honors Program.

Candidates for the honors electrical engineering concentration and the honors computer engineering concentration must complete the first year courses for honors concentration in the engineering majors. Candidates for the honors computer science concentration must meet the first year requirements for the Chancellor's Honors Program.

In addition to satisfying the requirements described above, candidates for these three honors concentrations must also satisfy the following requirements.

- Two upper-division honors courses in computer science or electrical and computer engineering via Honors-by-Contract or Honors Independent study, or equivalent.
- If participating in only the Chancellor's Honors Program, the Honors-by-Contract paperwork goes to the Chancellor's Honors Office on campus during the first 10 days of the semester. If participating in Engineering Honors and not Chancellor's Honors, the Honors-by-Contract paperwork is submitted the first 10 days of the semester to the engineering major department. If participating in both Chancellor's and Engineering Honors, the Honors-by-Contract paperwork is submitted to both areas.
- Complete a 3-credit hour senior project course. This can normally be completed as part of the capstone design course, ECE 402* ~~400*~~ for computer engineering and electrical engineering majors or COSC 402* ~~400*~~ for computer science majors.

Rationale: Reflects the splitting of COSC 400 and ECE 400 into two new courses, COSC 401/402 and ECE 401/402. Impact on other academic units: None. Financial impact: None.

DEPARTMENT OF INDUSTRIAL AND INFORMATION ENGINEERING

REVISE DEPARTMENT NAME

Department of Industrial and Systems Engineering
Formerly: Department of Industrial and Information Engineering

Rationale: See memo.

THE UNIVERSITY of TENNESSEE KNOXVILLE

COPY

Office of the Chancellor
527 Andy Holt Tower
Knoxville, TN 37996
Phone: 865-974-2401
865-974-4811

TO: Katie High
Interim Vice President for Academic Affairs

FROM: Jimmy G. Cheek
Chancellor

DATE: June 20, 2012

RE: Support for Departmental Name Change

Attached is a copy of a request for a change in name for the Department of Industrial and Information Engineering in the College of Engineering to the Department of Industrial and Systems Engineering. I concur with the stated reasons, and I support the request for this name change.

If you have any questions, or need additional information, please contact me.

cc: Dean Wayne Davis
Provost Susan Martin
Dr. Rupy Sawhney

THE UNIVERSITY of TENNESSEE KNOXVILLE

Office of the Chancellor
527 Andy Holt Tower
Knoxville, TN 37996
Phone: 865-974-2401
Fax: 865-974-4811

MEMORANDUM

To: Jimmy G. Cheek, Chancellor

From: Susan D. Martin, Provost and Senior Vice Chancellor for Academic Affairs

Date: June 15, 2012

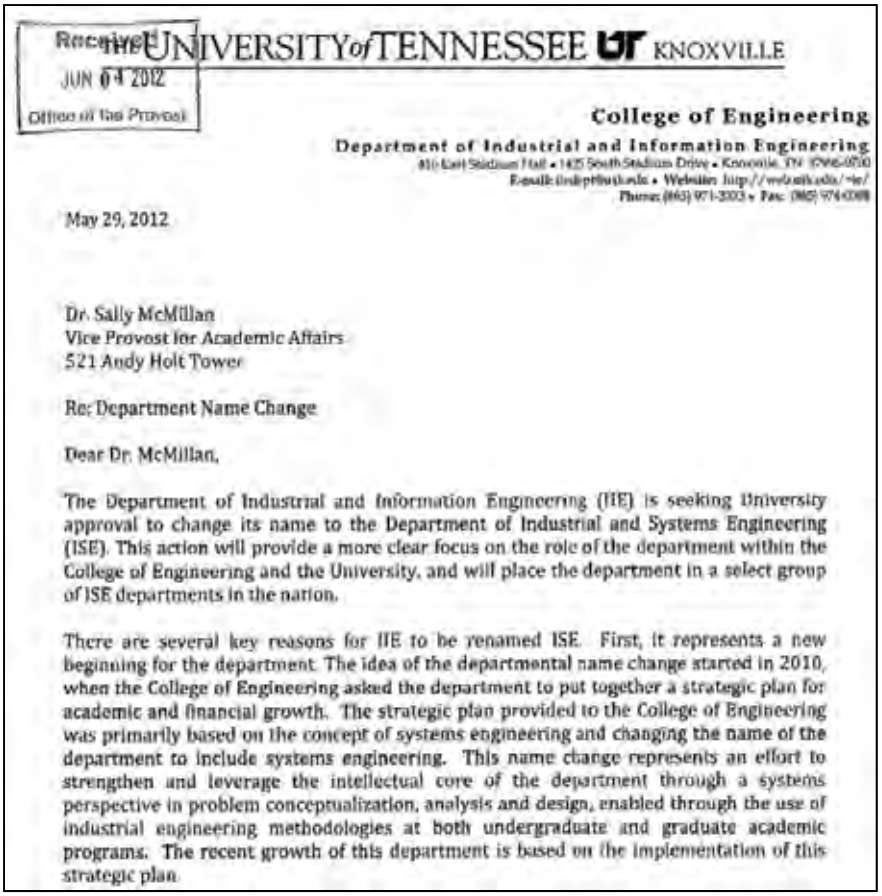
RE: Support for Departmental Name Change

Attached is a copy of a request for a change of name for the Department of Industrial and Information Engineering in the College of Engineering. As detailed in that letter, there are several good reasons for changing the name to the Department of Industrial and Systems Engineering. I support this request.

Because there is no change to the curriculum (i.e., the names of majors do not change, course names do not change, etc.) the process of instituting the change is simple. All that is needed is a letter from you to Katie High indicating that the campus support this change. She will then work with THEC and others to make sure that the change is duly noted and updated on all reports and documents related to this department.

Please let me know if you have any questions or concerns.

CC: Wayne Davis
Rupy Sawhney



Received
JUN 04 2012
Office of the Provost

THE UNIVERSITY of TENNESSEE UT KNOXVILLE

College of Engineering

Department of Industrial and Information Engineering

May 29, 2012

Dr. Sally McMillan
Vice Provost for Academic Affairs
521 Andy Holt Tower

Re: Department Name Change

Dear Dr. McMillan,

The Department of Industrial and Information Engineering (IIE) is seeking University approval to change its name to the Department of Industrial and Systems Engineering (ISE). This action will provide a more clear focus on the role of the department within the College of Engineering and the University, and will place the department in a select group of ISE departments in the nation.

There are several key reasons for IIE to be renamed ISE. First, it represents a new beginning for the department. The idea of the departmental name change started in 2010, when the College of Engineering asked the department to put together a strategic plan for academic and financial growth. The strategic plan provided to the College of Engineering was primarily based on the concept of systems engineering and changing the name of the department to include systems engineering. This name change represents an effort to strengthen and leverage the intellectual core of the department through a systems perspective in problem conceptualization, analysis and design, enabled through the use of industrial engineering methodologies at both undergraduate and graduate academic programs. The recent growth of this department is based on the implementation of this strategic plan.

Second, this change is consistent with the trend to rename Industrial Engineering (IE) departments as ISE departments in the U.S. and with the emphasis placed on systems engineering by the IE professional society, The Institute of Industrial Engineers. During the past few years, a good number of IE departments have been renamed ISE and there are no other IIE departments in the U.S. The trend is the result of a collective desire among IE departments to identify themselves with the systems approach to solving significant complex problems in both the service and manufacturing areas. This in turn will provide direction to application efforts by potential students at graduate and undergraduate levels interested in a systems approach to industrial engineering.

Third, the name change will facilitate departmental recruiting efforts for both students and faculty. For example, faculty search processes can benefit from the name change since potential applicants with outstanding academic qualifications in the area of engineering systems can focus on ISE departments. In addition, industrial recruiters seeking qualified industrial engineers with significant knowledge and skills regarding the systems approach will target the University to fill IE positions.

Fourth, the renaming of the department and refocusing on industrial and systems engineering is supported by the faculty. Faculty members in the department voted unanimously to support a proposal to rename IIE as ISE. This unanimous support signifies a new unity and focus of the faculty.

Fifth, as you are aware, the Academic Program Review report validated our efforts, as they recommended a name change to include systems engineering. Please note that the name change will result in no immediate changes to degree programs or course offerings for current or future UT students.

This department truly appreciates the College of Engineering and the University's support. I want to thank you ahead of time for your consideration of this proposal and your support of the department.

Sincerely,

Dr. Rupy Sawhney
Weston Fulton Professor and Department Head

Industrial & Information Engineering Department
416 East Stadium Hall, 1425 South Stadium Drive, Knoxville, TN 37996
Office: (865) 974-3333 FAX: (865) 974-0588 Email: sawhney@utk.edu

Approved by: Wayne T Davis Date: 5/3/12
Dr. Wayne T. Davis, Dean, College of Engineering

CC: Judy Moore, Kristy Walker

REVISE DEPARTMENT TEXT (EDUCATIONAL OBJECTIVES HEADING)

Educational Objectives
Our undergraduate curriculum is designed to prepare our graduates to achieve the following program objectives three to five years after graduation:

- Have successful professional careers based on industrial engineering knowledge and skills that endow them to integrate, design, and implement effective ways to solve complex problems in industry
- Engage in professional development practices that enable them to remain competent in the ever expanding discipline of industrial engineering
- Provide strong leadership and quality service to their organization, community, and society.

~~The program educational objectives of the industrial engineering program are to prepare our graduates to:~~

- ~~Objective 1: Our graduates will be able to think critically and to take a systems approach. They will be able to use modern tools of industrial engineering practice to collect, analyze, and use data in the design, evaluation, operation, and improvement of value-adding processes in for-profit organizations (e.g. manufacturing and service) and not-for-profit (e.g. government, healthcare, and education). They will possess the tools and insights necessary to attack unstructured, complex, and multi-dimensioned problems with a methodology that leads to practical, realistic, and implementable solutions.~~
- ~~Objective 2: Our graduates will be innovative thinkers, able to challenge tradition and create new ideas. Their approach to problem-solving and process improvement will be unfettered by status quo paradigms and will be champions for thinking outside-the-box – agents of change for their respective organizations. Our graduates will have strong interpersonal and teaming skills that will enable them to effectively lead problem-solving and quality improvement teams and build consensus in the development of new and better practices.~~

- ~~Objective 3: Our graduates will be continual learners, and have respect for the uniqueness of each problem encountered and an appreciation for the academic obsolescence brought on by changes in the environment in which they work (e.g. technology, economy, societal values. They will be able to recognize the shortcomings of their education and experience and be willing and able to acquire new knowledge as necessary to keep abreast of the dynamics of the workplace and the IE discipline.~~
- ~~Objective 4: Our graduates will be good communicators, and will be able to encourage and respect the opinions of others, even when such opinions constitute contrarian views. IE graduates will have good skills in listening, interviewing, presenting, report and letter writing, and an appreciation for the importance of empathy, succinctness, and clarity in the effective exchange of ideas.~~

Rationale: Required by ABET. Impact on other units: None. Financial impact: None.

REVISE INDUSTRIAL ENGINEERING MAJOR

- Add introductory program text for UTracK
- Drop IE 205 as an option with IE 405
- Consolidated footnotes

Rationale: IE 205 was dropped. Impact on other units: None. Financial impact: None.

IMPORTANT: Progression vs. UTracK Requirements
Universal Tracking (UTracK) is an academic monitoring system designed to help students stay on track for timely graduation. UTracK requirements only affect first-time, first-year, full-time, degree-seeking students entering Fall 2013. Returning, readmitted and transfer students will be required to follow the progression requirements defined by the college and department of their intended major.

PROGRESSION POLICIES AND REQUIREMENTS (for returning students)
Progression of students to departmental upper-division courses is competitive. Factors considered include overall grade point average, performance in selected lower-division courses and evidence of satisfactory and orderly progress through the prescribed curriculum.

UTRACK REQUIREMENTS (for first-year students)
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.

Academic Plan

Term 1	Hours
CHEM 120* or CHEM 128*	4
EF 105	1
EF 151* or EF 157*	4
ENGL 101* or ENGL 118*	3
MATH 141* or MATH 147*	4
	16

Term 2	
EF 152* or EF 158*	4
ENGL 102*	3
MATH 142* or MATH 148*	4
ME 202	2
[1]Social Sciences Elective*	3
	16

Term 3	
IE 200, IE 250, IE 405	7
MATH 241 or MATH 247	4
MSE 201	3
PHYS 231*	3
	17

Term 4	
ECON 201* or ECON 207*	4
EF 230	2
IE 202	3
MATH 200, MATH 231	4
ME 331	3

Milestone Notes

Term 1
MATH 130 or higher or one Arts and Humanities*, Cultures and Civilizations*, or Social Sciences* Elective

Term 2
MATH 130 or higher

Term 3
EF 151* or PHYS 135*

Term 4
EF 152* or PHYS 136*

	16		
Term 5		**Term 5**	
IE 300, IE 301, IE 304, IE 350, IE 401 or IE 407, IE 402, IE 421 or IE 428	19	CBE 201 or COSC 102* or ME 202 or MSE 201	
	19		
Term 6		**Term 6**	
[1]Arts and Humanities Elective*	3	No milestones	
ECE 301	3		
IE 310 or IE 317, IE 340	6		
	12		
Term 7		**Term 7**	
[1]Arts and Humanities Elective*	3	No milestones	
[1]Cultures and Civilizations Elective*	3		
IE 404, IE 450	3		
[2]Industrial Engineering Elective	3		
[3]Technical Elective	3		
	15		
Term 8		**Term 8**	
[1]Cultures and Civilizations Elective*	3	No milestones	
IE 406 or IE 408, IE 422*, IE 427	8		
[2]Industrial Engineering Elective	3		
[3]Technical Elective	3		
	17		
TOTAL	**128**		

* Meets General Education Requirement.

[1] Chosen from University General Education List. PHIL 244* or PHIL 252* is preferred for one of the Arts and Humanities electives.

[2] Chosen from IE 423, IE 430, 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.

[3] Chosen from AE 341 or AE 347; BME 300; 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; FINC 300, FINC 425, FINC 455; IE 423, IE 430, 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.

DEPARTMENT OF MATERIALS SCIENCE AND ENGINEERING

REVISE MATERIALS SCIENCE AND ENGINEERING MAJOR

- Add introductory program text for UTracK
- Add EF 230 (2 hrs)
- Drop ECE 301 (3 hrs) as a required course and added to technical elective options
- Revise wording in technical elective footnote
- Consolidate footnotes

Rationale: Add Engineering Fundamentals 230 (2 hours) and drop Electrical and Computer Engineering 301 (3 hours). Electrical and Computer Engineering 301 is strongly recommended as a technical elective. We want our students to have a better background in programming. Impact on other units: Engineering Fundamentals would need to accommodate ~20 additional students each Fall. Financial impact: None.

IMPORTANT: Progression vs. UTracK Requirements
Universal Tracking (UTracK) is an academic monitoring system designed to help students stay on track for timely graduation. UTracK requirements only affect first-time, first-year, full-time, degree-seeking students entering Fall 2013. Returning, readmitted and transfer students will be required to follow the progression requirements defined by the college and department of their intended major.

PROGRESSION POLICIES AND REQUIREMENTS (for returning students)
Progression to Upper-Division Programs
Progression of students to departmental upper-division courses is competitive. Factors considered include overall grade point average, performance in selected lower-division courses and evidence of satisfactory and orderly progress through the prescribed curriculum.

Upper-Division Status
A lower-division student formally applies for upper-division status after completing 50 hours of lower-division engineering curriculum course work with an overall GPA of at least 2.4. This must include Materials Science and Engineering 201.

Provisional Status
Students who have completed 50 hours of lower-division engineering curriculum course work with an overall GPA between 2.0 and 2.4 may apply for provisional status. The granting of provisional upper-division status is based on the availability of space in the departmental programs after upper-division status students have been accommodated. Provisional students are required to demonstrate their ability to perform satisfactorily in upper-division courses by attaining a minimum GPA of 2.0 in at least 8 hours of 300-level required courses specified by the department. Further progression to upper-division courses is dependent upon this minimum level of performance.

Graduation in materials science and engineering requires a minimum grade point average of 2.0 for all departmental courses.

UTRACK REQUIREMENTS (for first-year students)
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.

Academic Plan

Term 1	Hours
CHEM 120* or CHEM 128*	4
EF 105	1
EF 151* or EF 157*	4
ENGL 101* or ENGL 118*	3
MATH 141* or MATH 147*	4
	16

Term 2	
CHEM 130* or CHEM 138*	4
EF 152* or EF 158*	4
ENGL 102*	3
MATH 142* or MATH 148*	4
MSE 101	1
	16

Term 3	
EF 230	2
MATH 241 or MATH 247	4
MSE 201, MSE 210, MSE 260	7
PHYS 231*	3
	16

Term 4	
MATH 200, MATH 231	4
MSE 250, MSE 290	4
PHYS 232*	4
[1]Social Sciences Elective*	3
	15

Term 5	
[1]Arts and Humanities Elective*	3
MSE 300, MSE 320, MSE 340 or MSE 347, MSE 360 or MSE 367	10
STAT 251	3
	16

Term 6	
MSE 302, MSE 304, MSE 350 or MSE 357, MSE 370, MSE 390 or MSE 397	13
[2]Technical Elective	3
	16

Term 7	
[1]Cultures and Civilizations Elective*	3
MSE 405*, MSE 480	7
[3]Materials Science and Engineering Elective	3
[1]Social Sciences Elective*	3
	16

Term 8	
[1]Arts and Humanities Elective*	3
[1]Cultures and Civilizations Elective*	3
EF 402	1
MSE 489*	3
[3]Materials Science and Engineering Elective	3

Milestone Notes

Term 1
MATH 130 or higher or one Arts and Humanities*, Cultures and Civilizations*, or Social Sciences* Elective

Term 2
MATH 130 or higher

Term 3
EF 151* or PHYS 135*

Term 4
EF 152* or PHYS 136*

Term 5
CBE 201 or COSC 102* or ME 202 or MSE 201

Term 6
No milestones

Term 7
No milestones

Term 8
No milestones

[2]Technical Elective	3	
	16	
TOTAL	**127**	

* Meets General Education Requirements.
[1] Chosen from University General Education List.
[2] Chosen from ECE 301 (strongly recommended); BCMB 230; BIOL 140* or BIOL 148*; BME 300, BME 409; CBE 475; CHEM 350; 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.
[3] Chosen from MSE 410, MSE 421, MSE 425, MSE 432, MSE 440, MSE 445, MSE 450, MSE 451, MSE 455, MSE 457, MSE 460, MSE 466, MSE 474, MSE 476, MSE 484, MSE 485, MSE 486, MSE 494, MSE 495.

REVISE MATERIALS SCIENCE AND ENGINEERING MAJOR—BIOMATERIALS CONCENTRATION

- Add introductory program text for UTracK
- Add EF 230 (2 hrs)
- Drop ECE 301 (3 hrs) as a required course
- Replace one MSE elective with MSE 474 (specific to biomaterials concentration)
- Narrow options for one MSE elective (specific to biomaterials concentration)
- Replace one technical elective with BIOL 140 or BIOL 148 or BCMB 230 (specific to biomaterials concentration)
- Narrow options for one technical elective (specific to biomaterials concentration)
- Consolidate footnotes

Rationale: Add Engineering Fundamentals 230 (2 hours) and drop Electrical and Computer Engineering 301 (3 hours). Electrical and Computer Engineering 301 is strongly recommended as a technical elective. We want our students to have a better background in programming. Impact on other units: Engineering Fundamentals would need to accommodate ~20 additional students each Fall. Financial impact: None.

IMPORTANT: Progression vs. UTracK Requirements
Universal Tracking (UTracK) is an academic monitoring system designed to help students stay on track for timely graduation. UTracK requirements only affect first-time, first-year, full-time, degree-seeking students entering Fall 2013. Returning, readmitted and transfer students will be required to follow the progression requirements defined by the college and department of their intended major.

PROGRESSION POLICIES AND REQUIREMENTS (for returning students)
Progression to Upper-Division Programs
Progression of students to departmental upper-division courses is competitive. Factors considered include overall grade point average, performance in selected lower-division courses and evidence of satisfactory and orderly progress through the prescribed curriculum.

Upper-Division Status
A lower-division student formally applies for upper-division status after completing 50 hours of lower-division engineering curriculum course work with an overall GPA of at least 2.4. This must include Materials Science and Engineering 201.

Provisional Status
Students who have completed 50 hours of lower-division engineering curriculum course work with an overall GPA between 2.0 and 2.4 may apply for provisional status. The granting of provisional upper-division status is based on the availability of space in the departmental programs after upper-division status students have been accommodated. Provisional students are required to demonstrate their ability to perform satisfactorily in upper-division courses by attaining a minimum GPA of 2.0 in at least 8 hours of 300-level required courses specified by the department. Further progression to upper-division courses is dependent upon this minimum level of performance.

Graduation in materials science and engineering requires a minimum grade point average of 2.0 for all departmental courses.

UTRACK REQUIREMENTS (for first-year students)
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.

Academic Plan

Term 1	Hours
CHEM 120* or CHEM 128*	4
EF 105	1
EF 151* or EF 157*	4
ENGL 101* or ENGL 118*	3

Milestone Notes

Term 1
MATH 130 or higher or one Arts and Humanities*, Cultures and Civilizations*, or Social Sciences* Elective

MATH 141* or MATH 147*	4	
	16	
Term 2		**Term 2**
CHEM 130* or CHEM 138*	4	MATH 130 or higher
EF 152* or EF 158*	4	
ENGL 102*	3	
MATH 142* or MATH 148*	4	
MSE 101	1	
	16	
Term 3		**Term 3**
EF 230	2	EF 151* or PHYS 135*
MATH 241 or MATH 247	4	
MSE 201, MSE 210, MSE 260	7	
PHYS 231*	3	
	16	
Term 4		**Term 4**
MATH 200, MATH 231	4	EF 152* or PHYS 136*
MSE 250, MSE 290	4	
PHYS 232*	4	
[1]Social Sciences Elective*	3	
	15	
Term 5		**Term 5**
[1]Arts and Humanities Elective*	3	CBE 201 or COSC 102* or ME 202 or MSE 201
MSE 300, MSE 320, MSE 340 or MSE 347, MSE 360 or MSE 367	10	
STAT 251	3	
	16	
Term 6		**Term 6**
BIOL 140 or BCMB 230	4-5	No milestones
MSE 302, MSE 304, MSE 350 or MSE 357, MSE 370, MSE 390 or MSE 397	13	
	17-18	
Term 7		**Term 7**
[1]Cultures and Civilizations Elective*	3	No milestones
MSE 405*, MSE 474, MSE 480	10	
[1]Social Sciences Elective*	3	
	16	
Term 8		**Term 8**
[1]Arts and Humanities Elective*	3	No milestones
BME 409, BSE 231; CBE 475; MSE 485 or MSE 486	3	
[1]Cultures and Civilizations Elective*	3	
EF 402	1	
MSE 489*	3	
MSE 485 or MSE 486 or MSE 578 or MSE 588	3	
	16	
TOTAL	**128-129**	

* Meets General Education Requirements.
[1] Chosen from the University General Education List.

REVISE MATERIALS SCIENCE AND ENGINEERING MAJOR—NANOMATERIALS CONCENTRATION

- Add introductory program text for UTracK
- Add EF 230 (2 hrs)
- Drop ECE 301 (3 hrs) as a required course
- Replace one MSE elective with MSE 408 (specific to nanomaterials concentration)
- Replace one MSE elective with MSE 410 (specific to nanomaterials concentration)
- Narrow options for technical electives (specific to nanomaterials concentration)
- Consolidate footnotes

Rationale: Add Engineering Fundamentals 230 (2 hours) and drop Electrical and Computer Engineering 301 (3 hours). Electrical and Computer Engineering 301 is strongly recommended as a technical elective. We want our students to have a better background in programming. Impact on other units: Engineering Fundamentals would need to accommodate ~20 additional students each Fall. Financial impact: None.

IMPORTANT: Progression vs. UTracK Requirements
Universal Tracking (UTracK) is an academic monitoring system designed to help students stay on track for timely graduation. UTracK requirements only affect first-time, first-year, full-time, degree-seeking students entering Fall 2013. Returning, readmitted and transfer students will be required to follow the progression requirements defined by the college and department of their intended major.

PROGRESSION POLICIES AND REQUIREMENTS (for returning students)
Progression to Upper-Division Programs
Progression of students to departmental upper-division courses is competitive. Factors considered include overall grade point average, performance in selected lower-division courses and evidence of satisfactory and orderly progress through the prescribed curriculum.

Upper-Division Status
A lower-division student formally applies for upper-division status after completing 50 hours of lower-division engineering curriculum course work with an overall GPA of at least 2.4. This must include Materials Science and Engineering 201.

Provisional Status
Students who have completed 50 hours of lower-division engineering curriculum course work with an overall GPA between 2.0 and 2.4 may apply for provisional status. The granting of provisional upper-division status is based on the availability of space in the departmental programs after upper-division status students have been accommodated. Provisional students are required to demonstrate their ability to perform satisfactorily in upper-division courses by attaining a minimum GPA of 2.0 in at least 8 hours of 300-level required courses specified by the department. Further progression to upper-division courses is dependent upon this minimum level of performance.

Graduation in materials science and engineering requires a minimum grade point average of 2.0 for all departmental courses.

UTRACK REQUIREMENTS (for first-year students)
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.

Academic Plan

Term 1	Hours
CHEM 120* or CHEM 128*	4
EF 105	1
EF 151* or EF 157*	4
ENGL 101* or ENGL 118*	3
MATH 141* or MATH 147*	4
	16
Term 2	
CHEM 130* or CHEM 138*	4
EF 152* or EF 158*	4
ENGL 102*	3
MATH 142* or MATH 148*	4
MSE 101	1
	16
Term 3	
EF 230	2
MATH 241 or MATH 247	4
MSE 201, MSE 210, MSE 260	7
PHYS 231*	3
	16
Term 4	
MATH 200, MATH 231	4
MSE 250, MSE 290	4
PHYS 232*	4
[1]Social Sciences Elective*	3
	15
Term 5	
[1]Arts and Humanities Elective*	3
MSE 300, MSE 320, MSE 340 or MSE 347, MSE 360 or MSE 367	10
STAT 251	3
	16
Term 6	
MSE 302, MSE 304, MSE 350 or MSE 357,	13

Milestone Notes

Term 1
MATH 130 or higher or one Arts and Humanities*, Cultures and Civilizations*, or Social Sciences* Elective
Term 2
MATH 130 or higher
Term 3
EF 151* or PHYS 135*
Term 4
EF 152* or PHYS 136*
Term 5
CBE 201 or COSC 102* or ME 202 or MSE 201
Term 6
No milestones

MSE 370, MSE 390 or MSE 397		
[2]Technical Elective	3	
	16	
Term 7		**Term 7**
[1]Cultures and Civilizations Elective*	3	No milestones
MSE 405*, MSE 410, MSE 480	10	
[1]Social Sciences Elective*	3	
	16	
Term 8		**Term 8**
[1]Arts and Humanities Elective*	3	No milestones
[1]Cultures and Civilizations Elective*	3	
EF 402	1	
MSE 408, MSE 489*	6	
[2]Technical Elective	3	
	16	
TOTAL	**127**	

* Meets General Education Requirements.
[1] Chosen from University General Education List.
[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.

◈ADD MATERIALS SCIENCE AND ENGINEERING MAJOR—HONORS NANOMATERIALS CONCENTRATION

Students who wish to pursue the honors nanomaterials concentration will normally be part of the Chancellor's Honors Program. Candidates for this concentration must complete the following requirements.

- First-year courses for honors concentration in the engineering majors.
- Two upper-division honors courses in Materials Science and Engineering (chosen from MSE 347, MSE 357, MSE 367, and MSE 397)
- A senior research project or thesis is required. This requirement is satisfied as part of the senior capstone design course (MSE 489*).

Rationale: Provide students with honors option for the Nanomaterials concentration. The concentration currently does not have an honors option. Impact on other units: None. Financial impact: None.

DEPARTMENT OF MECHANICAL, AEROSPACE AND BIOMEDICAL ENGINEERING

REVISE PROGRAM TEXT (AEROSPACE ENGINEERING MAJOR)

Aerospace engineering uses the basic sciences and mathematics to develop the foundation for the design, development, production, testing, and applied research associated with aerospace vehicles. These vehicles include aircraft, spacecraft, and missiles. Auxiliary and propulsion systems are also an integral part of this education. These include guidance, control, environmental, ramjet, rocket, turbo-jet, and piston engine systems. Emphasis in the senior year is directed toward these topics, and the program culminates in a major aerospace design project. The educational objectives of the aerospace engineering program are

either to be an entrepreneur or to be employed in industry, government, academia or a nongovernmental organization, and to continue professional development by participating in structured professional activities and/or by obtaining professional registration or certification, post-graduate credits and/or graduate degrees.

~~To provide an education that includes in-depth fundamental instruction in aerodynamics, structures, flight mechanics, orbital mechanics, flight propulsion, and the design of aerospace systems.~~

~~To prepare students for professional careers in aerospace engineering by developing the skills pertinent to problem solving, analysis, design, and those personal skills required for teamwork and effective communication.~~

~~To provide opportunities to develop life-long learning skills, individual professionalism and ethics.~~

~~To prepare capable students for graduate study at major universities.~~

Rationale: Meets requirements of ABET. Impact on other units: None. Financial impact: None.

REVISE AEROSPACE ENGINEERING MAJOR

- Add introductory program text for UTracK
- Drop PHYS 232 (4 hrs)
- Adjust 4th year AE course total from 21 hrs to 19 hrs (AE 424 and AE 425 reduced 1 hr each)

- Add two departmental electives (6 hrs)
- Consolidate footnotes

Rationale: Adds two Departmental Electives to curriculum. Impact on other units: None. Financial impact: None.

IMPORTANT: Progression vs. UTracK Requirements
Universal Tracking (UTracK) is an academic monitoring system designed to help students stay on track for timely graduation. UTracK requirements only affect first-time, first-year, full-time, degree-seeking students entering Fall 2013. Returning, readmitted and transfer students will be required to follow the progression requirements defined by the college and department of their intended major.

PROGRESSION POLICIES AND REQUIREMENTS (for returning students)
Progression
The first two years of the curriculum are considered to be lower-division and the two remaining years upper-division. Students must apply for progression to departmental upper division courses, which depends on academic performance. Factors considered include overall grade point average, performance in selected lower division courses and evidence of orderly progression through the prescribed curriculum.

Full Status
A lower-division student may apply for progression to upper division after completing CHEM 120*, MATH 231, ME 202, ME 231, ME 321, and PHYS 231*, as well as BME 271 for biomedical engineers, with a grade of C or better in each, and an overall GPA of at least 2.4.

Provisional Status
Students who have completed CHEM 120*, ME 202, MATH 231, ME 231 and ME 321, and PHYS 231* with a grade of C or better and have an overall GPA between 2.0 and 2.4 may apply for provisional status. The granting of provisional status is based on the availability of space in departmental programs after full status students have been accommodated. Provisional status students are required to demonstrate their ability to perform satisfactorily in upper-division by attaining a minimum GPA of 2.0 in the first 12 hours of 300-level required engineering courses. Award of upper-division full status is dependent upon this performance. Students with an overall GPA less than 2.0 will not be admitted to upper-division. Students who have not progressed to upper-division will be dropped from departmental class rolls.

UTRACK REQUIREMENTS (for first-year students)
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.

Academic Plan		Milestone Notes
Term 1	**Hours**	**Term 1**
CHEM 120* or CHEM 128*	4	MATH 130 or higher or one Arts and Humanities*, Cultures and Civilizations*, or Social Sciences* Elective
EF 105	1	
EF 151* or EF 157*	4	
[1]ENGL 101* or ENGL 118*	3	
MATH 141* or MATH 147*	4	
	16	
Term 2		**Term 2**
EF 152* or EF 158*	4	MATH 130 or higher
ENGL 102*	3	
MATH 142* or MATH 148*	4	
ME 202	2	
[2]Social Sciences Elective*	3	
	16	
Term 3		**Term 3**
ECON 201* or ECON 207*	4	EF 151* or PHYS 135*
MATH 200; MATH 241 or MATH 247	5	
ME 231, AE 201	4	
PHYS 231*	3	
	16	
Term 4		**Term 4**
[2]Arts and Humanities Electives*	6	EF 152*,or PHYS 136*
EF 230	2	
MATH 231	3	
ME 321	3	
MSE 201	3	
	17	
Term 5		**Term 5**

AE 341 or AE 347; AE 370 or AE 377	7	CBE 201 or COSC 102* or ME 202 or MSE 201
ECE 301	3	
ME 331, ME 391 or ME 397	6	
	16	
Term 6		**Term 6**
AE 363, AE 345, AE 351	9	No milestones
ME 363 or ME 367; ME 344	6	
	15	
Term 7		**Term 7**
AE 410*, AE 422, AE 424, AE 425, AE 426	13	No milestones
[3]Departmental Elective	3	
EF 402	1	
	17	
Term 8		**Term 8**
AE 449*, AE 429	6	No milestones
[2]Cultures and Civilizations Elective*	6	
[3]Departmental Elective	3	
	15	
TOTAL	**128**	

* Meets University General Education Requirement.

[1] Students receiving a grade of A or B in ENGL 118* will complete their first year composition requirement by choosing ENGL 102*, a sophomore literature course in the English Department, or ENGL 355*.

[2] Choose from the University General Education list.

[3] Choose from: ME 315, 365, 366, 405, 451, 463, 466, 470, 472, 475 or 477, 476, or 480. Other courses require prior approval by the department.

REVISE AEROSPACE ENGINEERING MINOR

- Reduce total hours from 18 hours to 15 hours

Rationale: Reflects change in course hours to two listed courses. Impact on other units: None. Financial impact: None.

REVISE PROGRAM TEXT (BIOMEDICAL ENGINEERING MAJOR)

The biomedical engineering curriculum integrates selected engineering sciences and design methods with life science course work. The program prepares students for careers in a variety of health care related professions including work for medical device manufacturers and regulatory governmental agencies. The course content of the biomedical engineering curriculum complements the departmental strengths in mechanical engineering and includes a comprehensive coverage of engineering materials and biomechanics applications. Elective courses are available to allow students to specialize their curriculum to areas of particular current interest in the marketplace such as cellular and tissue engineering applications. The biomedical engineering program also allows students to take medical school admission requirements with an appropriate selection of technical electives.

The educational objectives of the biomedical engineering program are

either to be an entrepreneur or to be employed in industry, government, academia or a nongovernmental organization, and to continue professional development by participating in structured professional activities and/or by obtaining professional registration or certification, post-graduate credits and/or graduate degrees.

~~In their professional work or graduate study, program graduates will have demonstrated an in-depth understanding of biology and physiology, advanced mathematics (including differential equations and statistics), and problems associated with the interaction between living and non-living materials and systems.~~

~~In their professional work or graduate study, program graduates will have demonstrated skills for problem solving at the interface of engineering and biology. Graduates will have demonstrated their competence in using modern experimental and data analysis techniques for measurements and data interpretation on living systems and biological materials, analysis and design of biomedical products. Graduates will have consistently demonstrated a high level of personal skills required for teamwork and effective communications.~~

~~In their post-graduation professional activities graduates will have demonstrated a commitment to life-long learning and personal professionalism and ethics.~~

~~Capable program graduates will have been able to gain admission to and successfully complete graduate study or the study of medicine at major universities.~~

Rationale: Meets requirements of ABET. Impact on other units: None. Financial impact: None.

REVISE BIOMEDICAL ENGINEERING MAJOR

- Add introductory program text for UTracK
- Drop 3rd year ME 331 (3 hrs)
- Replace 3rd year ECE 201 and ECE 202 with ECE 301 (3 hrs)
- Drop 4th year departmental electives (6 hrs)
- Revise 2nd year BME 271 credit hrs from 1 hr to 3 hrs
- Add 4th year BME elective (3 hrs)
- Add 3rd year BME 409 and BME 474 (6 hrs)
- Adjust total hours from 129 hrs to 128 hrs
- Consolidate footnotes

Rationale: Adds additional biomedical engineering hours to the curriculum to strengthen the program because of ABET review. Impact on other units: None. Financial impact: None.

IMPORTANT: Progression vs. UTracK Requirements
Universal Tracking (UTracK) is an academic monitoring system designed to help students stay on track for timely graduation. UTracK requirements only affect first-time, first-year, full-time, degree-seeking students entering Fall 2013. Returning, readmitted and transfer students will be required to follow the progression requirements defined by the college and department of their intended major.

PROGRESSION POLICIES AND REQUIREMENTS (for returning students)
Progression
The first two years of the curriculum are considered to be lower-division and the two remaining years upper-division. Students must apply for progression to departmental upper division courses, which depends on academic performance. Factors considered include overall grade point average, performance in selected lower division courses and evidence of orderly progression through the prescribed curriculum.

Full Status
A lower-division student may apply for progression to upper division after completing CHEM 120*, MATH 231, ME 202, ME 231, ME 321, and PHYS 231*, as well as BME 271 for biomedical engineers, with a grade of C or better in each, and an overall GPA of at least 2.4.

Provisional Status
Students who have completed CHEM 120*, ME 202, MATH 231, ME 231 and ME 321, and PHYS 231* with a grade of C or better and have an overall GPA between 2.0 and 2.4 may apply for provisional status. The granting of provisional status is based on the availability of space in departmental programs after full status students have been accommodated. Provisional status students are required to demonstrate their ability to perform satisfactorily in upper-division by attaining a minimum GPA of 2.0 in the first 12 hours of 300-level required engineering courses. Award of upper-division full status is dependent upon this performance. Students with an overall GPA less than 2.0 will not be admitted to upper-division. Students who have not progressed to upper-division will be dropped from departmental class rolls.

UTRACK REQUIREMENTS (for first-year students)
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.

Academic Plan

Term 1	Hours
CHEM 120* or CHEM 128*	4
EF 105	1
EF 151* or EF 157*	4
[1]ENGL 101* or ENGL 118*	3
MATH 141* or MATH 147*	4
	16

Term 2	
CHEM 130* or CHEM 138*	4
EF 152* or EF 158*	4
ENGL 102*	3
MATH 142* or MATH 148*	4
ME 202	2
	17

Term 3	
BCMB 230	5
MATH 231	3
ME 231	3
PHYS 231*	3

Milestone Notes

Term 1
MATH 130 or higher or one Arts and Humanities*, Cultures and Civilizations*, or Social Sciences* Elective

Term 2
MATH 130 or higher

Term 3
EF 151* or PHYS 135*

STAT 251	3	
	17	
Term 4		**Term 4**
BME 271	3	EF 152* or PHYS 136*
MATH 200; MATH 241 or MATH 247	5	
ME 321	3	
MSE 201	3	
	14	
Term 5		**Term 5**
AE 341 or AE 347	3	CBE 201 or COSC 102* or ME 202 or MSE 201
[2]Arts and Humanities Elective*	3	
BME 363 or BME 367; BME 474	6	
ECE 301	3	
	15	
Term 6		**Term 6**
[2]Arts and Humanities Elective*	3	
BME 315, BME 345, BME 409	9	No milestones
PHYS 232*	4	
	16	
Term 7		**Term 7**
BME 410*, BME 430*, BME 455; BME 473 or BME 477	10	No milestones
ECON 201* or ECON 207*	4	
[2]Social Sciences Elective*	3	
	17	
Term 8		**Term 8**
[4]Biomedical Engineering Elective	3	No milestones
BME 469	3	
[2]Cultures and Civilizations Elective*	6	
EF 402	1	
[3]Technical Elective	3	
	16	
TOTAL	128	

* Meets University General Education Requirement.

[1] Students receiving a grade of A or B in ENGL 118* will complete their first year composition requirement by choosing ENGL 102*, a sophomore literature course in the English Department, or ENGL 355*.

[2] Choose any course from the University General Education list.

[3] Technical Elective: Restricted to any 300-500 biomedical engineering course not required for the degree or Chemistry 350 or 358, 360 or 368.

[4] Biomedical Engineering Elective: Restricted to any 300-500 biomedical engineering course not required for the degree.

REVISE BIOMEDICAL ENGINEERING MINOR

Complete:

AE 341 - Fluid Mechanics I
BCMB 230 - Human Physiology
BME 315 – Signals and Systems Analysis
BME 345 - Biomedical Engineering Instrumentation and Measurement
BME 363 - System Dynamics
BME 430 - Biomedical Engineering Laboratory
BME 473 - Applied Biomechanics
ECE 301 - Circuits and Electro Mechanical Components
ME 321 - Mechanics of Materials
~~ME 331 - Thermodynamics~~
MSE 201 - Introduction to Materials Science and Engineering

Rationale: Reflects change in biomedical engineering curriculum. Impact on other units: None. Financial impact: None.

REVISE PROGRAM TEXT (MECHANICAL ENGINEERING MAJOR)

Mechanical engineering involves the design, analysis, testing, and manufacture of mechanical and thermal systems. Mechanical engineers are employed in nearly every industry, from basic research through mass production of energy systems, computer software/hardware, robotics, and automobiles.

Mechanical engineering is a versatile and broadly based engineering discipline that also provides pathways into many exciting fields of specialization. Its foundation is in the basic sciences, but mechanical engineers must further understand such subject areas as mechanical design, solid and fluid mechanics, thermodynamics, heat transfer, vibrations, manufacturing processes, instrumentation and automatic control. Design projects throughout the curriculum develop student skills in handling practical real-world problems. Because of the broad engineering foundation and design training in this program, graduates are found in nearly every industry and at different levels of research, design, and management.

The educational objectives of the mechanical engineering program are

either to be an entrepreneur or to be employed in industry, government, academia or a nongovernmental organization, and continue professional development by participating in structured professional activities and/or by obtaining professional registration or certification, post-graduate credits and/or graduate degrees.

~~To prepare students for professional careers by developing their skills in problem formulation, problem solving, analysis, computation, synthesis, teamwork and effective communication.~~

~~To teach students the underlying principles of mechanical and thermal systems, and the application of these principles in the design process.~~

~~To instill in students an appreciation for the importance of lifelong learning, individual professionalism and ethical practice.~~

~~To prepare capable students for graduate study at major universities.~~

Rationale: Meets requirements of ABET. Impact on other units: None. Financial impact: None.

REVISE MECHANICAL ENGINEERING MAJOR

- Add introductory program text for UTracK
- Consolidate footnotes

Rationale: Impact on other units: None. Financial Impact: None.

IMPORTANT: Progression vs. UTracK Requirements
Universal Tracking (UTracK) is an academic monitoring system designed to help students stay on track for timely graduation. UTracK requirements only affect first-time, first-year, full-time, degree-seeking students entering Fall 2013. Returning, readmitted and transfer students will be required to follow the progression requirements defined by the college and department of their intended major.

PROGRESSION POLICIES AND REQUIREMENTS (for returning students)
Progression
The first two years of the curriculum are considered to be lower-division and the two remaining years upper-division. Students must apply for progression to departmental upper division courses, which depends on academic performance. Factors considered include overall grade point average, performance in selected lower division courses and evidence of orderly progression through the prescribed curriculum.

Full Status
A lower-division student may apply for progression to upper division after completing CHEM 120*, MATH 231, ME 202, ME 231, ME 321, and PHYS 231*, as well as BME 271 for biomedical engineers, with a grade of C or better in each, and an overall GPA of at least 2.4.

Provisional Status
Students who have completed CHEM 120*, ME 202, MATH 231, ME 231 and ME 321, and PHYS 231* with a grade of C or better and have an overall GPA between 2.0 and 2.4 may apply for provisional status. The granting of provisional status is based on the availability of space in departmental programs after full status students have been accommodated. Provisional status students are required to demonstrate their ability to perform satisfactorily in upper-division by attaining a minimum GPA of 2.0 in the first 12 hours of 300-level required engineering courses. Award of upper-division full status is dependent upon this performance. Students with an overall GPA less than 2.0 will not be admitted to upper-division. Students who have not progressed to upper-division will be dropped from departmental class rolls.

UTRACK REQUIREMENTS (for first-year students)
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.

Academic Plan

Term 1	Hours
CHEM 120* or CHEM 128*	4
EF 105	1
EF 151* or EF 157*	4
ENGL 101* or ENGL 118*	3
MATH 141* or MATH 147*	4

Milestone Notes

Term 1
MATH 130 or higher or one Arts and Humanities*, Cultures and Civilizations*, or Social Sciences* Elective

	16	
Term 2		**Term 2**
[1]Cultures and Civilizations Elective*	3	MATH 130 or higher
EF 152* or EF 158*	4	
ENGL 102*	3	
MATH 142* or MATH 148*	4	
ME 202	2	
	16	
Term 3		**Term 3**
[1]Cultures and Civilizations Elective*	3	EF 151* or PHYS 135*
ECON 201* or ECON 207*	4	
EF 230	2	
MATH 241 or MATH 247	4	
ME 231	3	
	16	
Term 4		**Term 4**
[1]Arts and Humanities Elective*	3	EF 152* or PHYS 136*
MATH 231, MATH 251 or MATH 257	6	
ME 321	3	
MSE 201	3	
PHYS 231*	3	
	18	
Term 5		**Term 5**
AE 341 or AE 347	3	CBE 201 or COSC 102* or ME 202 or MSE 201
ECE 301	3	
ME 331, ME 366, ME 391 or ME 397	9	
	15	
Term 6		**Term 6**
[2]Departmental Elective	3	No milestones
ME 344, ME 345, ME 363 or ME 367, ME 466	12	
	15	
Term 7		**Term 7**
[1]Arts and Humanities Elective*	3	No milestones
ME 365 or ME 463, ME 410*, ME 450, ME 475 or ME 477	11	
[3]Technical Elective	3	
	17	
Term 8		**Term 8**
[2]Departmental Electives	6	No milestones
EF 402	1	
ME 449*, ME 460	5	
[1]Social Sciences Elective*	3	
	15	
TOTAL	**128**	

* Meets University General Education Requirement.
[1] Chosen from the University General Education list.
[2] Any 300-level or above courses in aerospace, biomedical, or mechanical engineering that are not already required.
[3] Must be pre-approved and petitioned by the advisor and department head.

REVISE MECHANICAL ENGINEERING MAJOR—HONORS CONCENTRATION (LAST BULLET)

- A minimum of 3-credit hours of an honors senior design course. This requirement is normally satisfied as part of the senior capstone design course (ME 450 ~~460~~).

Rationale: Reflects changes in hours for mechanical engineering capstone design courses. Impact on other units: None. Financial impact: None.

DEPARTMENT OF NUCLEAR ENGINEERING

REVISE DEPARTMENT TEXT (NUCLEAR ENGINEERING)

Nuclear engineering is the engineering discipline that focuses on the application of nuclear and atomic processes for the benefit of mankind and the environment. Radiological engineering is a specialty of nuclear engineering that addresses biological applications

such as radiation safety (health physics). Some examples of nuclear and radiological engineering are production of electric power with essentially no air pollution, production of radioisotopes for medical and industrial uses, and development of radiation based methods for the diagnosis and treatment of cancer.

The mission of the Nuclear Engineering Department is to

- Produce high quality nuclear and radiological engineering graduates from undergraduate through the doctoral level in order to help meet the manpower needs of our state, region, nation, and the international community.
- Conduct nuclear and radiological engineering related research to help meet the needs of society.
- Perform service for industry, government, professional organizations, and the public in areas related to nuclear and radiological engineering.

The program for the Bachelor of Science in Nuclear Engineering is accredited by the Engineering Accreditation Commission of ABET, http://www.abet.org, which is described earlier in this catalog. The educational objectives of the Bachelor of Science program are to:

- Apply fundamental knowledge in mathematics, computer science, the basic sciences, and the engineering sciences to address opportunities in nuclear and radiological engineering,
- Apply their design and analysis experience in nuclear and radiological engineering practice that shall include environmental, societal, safety, and economic considerations,
- Use skills in oral and written communication, teamwork, laboratory work, problem solving, and the use of modern engineering tools to work productively in a contemporary and global environment,
- Use a diverse general education in the humanities, ethics, and social sciences that complements their technological education in order to understand and appreciate the importance of each in society and in personal development, and
- Engage in life-long learning for professional and personal growth.
- ~~Provide students with fundamental knowledge in mathematics, computer science, the basic sciences, and the engineering sciences that is necessary to solve state-of-the-art problems in nuclear and radiological engineering.~~
- ~~Provide students with a real-world design and analysis experience in nuclear and radiological engineering that shall include environmental, societal, safety, and economic considerations.~~
- ~~Provide students with appropriate skills in oral and written communication, teamwork, laboratory work, problem solving and the use of modern engineering tools that will prepare them to work productively in a contemporary and global environment.~~
- ~~Provide students with a diverse general education in the humanities, ethics, and social sciences to complement their technological education in order to understand and appreciate the importance of each in society and in personal development.~~
- ~~Foster a genuine desire for life-long learning in students.~~

Students majoring in nuclear engineering take courses in the basic sciences, engineering fundamentals, mathematics, computer science, humanities, and special areas of nuclear engineering including nuclear system design and safety; radiation transport and shielding; heat transfer and fluid flow; instrumentation and controls; fuel cycle and waste management; and health physics. Nuclear engineering students may concentrate in radiological engineering by substitution of two courses. The radiological engineering concentration also satisfies most of the requirements of pre-med, pre-vet, and pre-dentistry programs.

Progression

The first two years of the curriculum are considered to be lower-division and the two remaining years upper division. Students must apply for progression to departmental upper division courses, which depends on academic performance. Factors considered include overall grade point average, performance in selected lower division courses and evidence of orderly progression through the prescribed curriculum.

Full Status

A lower-division student may apply for progression to upper division after completing CHEM 120 or CHEM 128, CHEM 130 or CHEM 138, MATH 141 or MATH 147, MATH 142 or MATH 148, MATH 231, EF 151 or EF 157, EF 152 or EF 158, NE 200, and PHYS 231, with a grade of C or better in each, and an overall GPA of at least 2.5.

Provisional Status

Students who have completed CHEM 120 or CHEM 128, CHEM 130 or CHEM 138, MATH 141 or MATH 147, MATH 142 or MATH 148, MATH 231, EF 151 or EF 157, EF 152 or EF158, and PHYS 231 with a grade of C or better and have an overall GPA between 2.0 and 2.5 may apply for provisional status. The granting of provisional status is based on the availability of space in departmental programs after full status students have been accommodated. Provisional status students are required to demonstrate their ability to perform satisfactorily in upper-division by attaining a minimum GPA of 2.5 in the first 9 hours of 300-level required nuclear engineering courses. Award of upper-division full status is dependent upon this performance. Students who have not progressed to upper-division will be dropped from departmental courses.

Rationale: Changes based on updated ABET educational objectives. Progression information is currently not available to students under the catalog listings. Impact on other units: None. Financial impact: None.

REVISE NUCLEAR ENGINEERING MAJOR

- Add introductory program text for UTracK
- Revise 2nd year NE 200 credit hours from 1 hr to 2 hrs
- Revise 3rd year NE course total from 21 hrs to 22 hrs (NE 360 increased from 3 to 4)
- Adjust total hours from 123 hrs to 125 hrs
- Revise technical elective footnote to allow some 500-level NE courses to count.

Rationale: This proposal upgrades this 200 course from a "seminar type" format into a 2-credit hour graded class and covers fundamentals needed for other courses. The footnote change should make sure that students taking medical physics (567) or other graduate level courses can count them as a technical elective without completing a substitution form. DARS will automatically accept it. Impact on other units: None. Financial Impact: None.

IMPORTANT: Progression vs. UTracK Requirements
Universal Tracking (UTracK) is an academic monitoring system designed to help students stay on track for timely graduation. UTracK requirements only affect first-time, first-year, full-time, degree-seeking students entering Fall 2013. Returning, readmitted and transfer students will be required to follow the progression requirements defined by the college and department of their intended major.

PROGRESSION POLICIES AND REQUIREMENTS (for returning students)
Progression
The first two years of the curriculum are considered to be lower-division and the two remaining years upper division. Students must apply for progression to departmental upper division courses, which depends on academic performance. Factors considered include overall grade point average, performance in selected lower division courses and evidence of orderly progression through the prescribed curriculum.

Full Status
A lower-division student may apply for progression to upper division after completing CHEM 120 or CHEM 128, CHEM 130 or CHEM 138, MATH 141 or MATH 147, MATH 142 or MATH 148, MATH 231, EF 151 or EF 157, EF 152 or EF 158, NE 200, and PHYS 231, with a grade of C or better in each, and an overall GPA of at least 2.5.

Provisional Status
Students who have completed CHEM 120 or CHEM 128, CHEM 130 or CHEM 138, MATH 141 or MATH 147, MATH 142 or MATH 148, MATH 231, EF 151 or EF 157, EF 152 or EF158, and PHYS 231 with a grade of C or better and have an overall GPA between 2.0 and 2.5 may apply for provisional status. The granting of provisional status is based on the availability of space in departmental programs after full status students have been accommodated. Provisional status students are required to demonstrate their ability to perform satisfactorily in upper-division by attaining a minimum GPA of 2.5 in the first 9 hours of 300-level required nuclear engineering courses. Award of upper-division full status is dependent upon this performance. Students who have not progressed to upper-division will be dropped from departmental courses.

UTRACK REQUIREMENTS (for first-year students)
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.

Academic Plan

Term 1	Hours
CHEM 120* or CHEM 128*	4
EF 105	1
EF 151* or EF 157*	4
ENGL 101* or ENGL 118*	3
MATH 141* or MATH 147*	4
	16

Term 2	
CHEM 130* or CHEM 138*	4
EF 152* or EF 158*	4
ENGL 102*	3
MATH 142* or MATH 148*	4
	15

Term 3	
ECON 201* or ECON 207*	4
EF 230	2
MATH 231	3
ME 202	2
NE 200	2
PHYS 231*	3

Milestone Notes

Term 1
MATH 130 or higher or one Arts and Humanities*, Cultures and Civilizations*, or Social Sciences* Elective

Term 2
MATH 130 or higher

Term 3
EF 151* or PHYS 135*

	16	
Term 4		**Term 4**
[1]Arts and Humanities Elective*	3	EF 152* or PHYS 136*
ECE 301	3	
MATH 241 or MATH 247	4	
ME 331	3	
PHYS 232*	4	
	17	
Term 5		**Term 5**
[1]Cultures and Civilizations Elective*	3	CBE 201 or COSC 102* or ME 202 or MSE 201
NE 342 or NE 347, NE 351 or NE 357, NE 362 or NE 367	9	
PHYS 341	3	
	15	
Term 6		**Term 6**
NE 360, NE 401*, NE 433,NE 470	13	No milestones
[1]Social Sciences Elective*	3	
	16	
Term 7		**Term 7**
[1]Cultures and Civilizations Elective*	3	No milestones
ME 321	3	
MSE 201	3	
NE 402* or NE 427*	3	
[2]Technical Elective	3	
	15	
Term 8		**Term 8**
[1]Arts and Humanities Elective*	3	No milestones
EF 402	1	
NE 400*, NE 406 or NE 467, NE 472	8	
[2]Technical Elective	3	
	15	
TOTAL	**125**	

* Meets University General Education Requirement.

[1] Chosen from the University General Education list.

[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.

REVISE NUCLEAR ENGINEERING MAJOR—RADIOLOGICAL ENGINEERING CONCENTRATION

- Add introductory program text for UTracK
- Revise 2nd year NE 200 credit hours from 1 hr to 2 hrs
- Adjust total hours from 123 hrs to 124 hrs
- Revise technical elective footnote to allow some 500-level NE courses to count.

Rationale: This proposal upgrades this 200 course from a "seminar type" format into a 2-credit hour graded class and covers fundamentals needed for other courses. The footnote change should make sure that students taking medical physics (567) or other graduate level courses can count them as a technical elective without completing a substitution form. DARS will automatically accept it. Impact on other units: None. Financial Impact: None.

IMPORTANT: Progression vs. UTracK Requirements
Universal Tracking (UTracK) is an academic monitoring system designed to help students stay on track for timely graduation. UTracK requirements only affect first-time, first-year, full-time, degree-seeking students entering Fall 2013. Returning, readmitted and transfer students will be required to follow the progression requirements defined by the college and department of their intended major.

PROGRESSION POLICIES AND REQUIREMENTS (for returning students)
Progression
The first two years of the curriculum are considered to be lower-division and the two remaining years upper division. Students must apply for progression to departmental upper division courses, which depends on academic performance. Factors considered include overall grade point average, performance in selected lower division courses and evidence of orderly progression through the prescribed curriculum.

Full Status

A lower-division student may apply for progression to upper division after completing CHEM 120 or CHEM 128, CHEM 130 or CHEM 138, MATH 141 or MATH 147, MATH 142 or MATH 148, MATH 231, EF 151 or EF 157, EF 152 or EF 158, NE 200, and PHYS 231, with a grade of C or better in each, and an overall GPA of at least 2.5.

Provisional Status
Students who have completed CHEM 120 or CHEM 128, CHEM 130 or CHEM 138, MATH 141 or MATH 147, MATH 142 or MATH 148, MATH 231, EF 151 or EF 157, EF 152 or EF158, and PHYS 231 with a grade of C or better and have an overall GPA between 2.0 and 2.5 may apply for provisional status. The granting of provisional status is based on the availability of space in departmental programs after full status students have been accommodated. Provisional status students are required to demonstrate their ability to perform satisfactorily in upper-division by attaining a minimum GPA of 2.5 in the first 9 hours of 300-level required nuclear engineering courses. Award of upper-division full status is dependent upon this performance. Students who have not progressed to upper-division will be dropped from departmental courses.

UTRACK REQUIREMENTS (for first-year students)
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.

Academic Plan		Milestone Notes
Term 1	**Hours**	**Term 1**
CHEM 120* or CHEM 128*	4	MATH 130 or higher or one Arts and Humanities*, Cultures and Civilizations*, or Social Sciences* Elective
EF 105	1	
EF 151* or EF 157*	4	
ENGL 101* or ENGL 118*	3	
MATH 141* or MATH 147*	4	
	16	
Term 2		**Term 2**
CHEM 130* or CHEM 138*	4	MATH 130 or higher
EF 152* or EF 158*	4	
ENGL 102*	3	
MATH 142* or MATH 148*	4	
	15	
Term 3		**Term 3**
ECON 201* or ECON 207*	4	EF 151* or PHYS 135*
EF 230	2	
MATH 231	3	
ME 202	2	
NE 200	2	
PHYS 231*	3	
	16	
Term 4		**Term 4**
[1]Arts and Humanities Elective*	3	EF 152* or PHYS 136*
ECE 301	3	
MATH 241 or MATH 247	4	
ME 331	3	
PHYS 232*	4	
	17	
Term 5		**Term 5**
[1]Cultures and Civilizations Elective*	3	CBE 201 or COSC 102* or ME 202 or MSE 201
NE 342 or NE 347, NE 351 or NE 357, NE 362 or NE 367	9	
PHYS 341	3	
	15	
Term 6		**Term 6**
NE 401*, NE 433, NE 470	9	No milestones
[1]Social Sciences Elective*	3	
STAT 251	3	
	15	
Term 7		**Term 7**
[1]Cultures and Civilizations Elective*	3	No milestones
ME 321	3	
NE 402* or NE 427*, NE 490	6	
[2]Technical Elective	3	
	15	
Term 8		**Term 8**
[1]Arts and Humanities Elective*	3	No milestones

EF 402	1
NE 400*, NE 406 or NE 467, NE 472	8
[2]Technical Elective	3
	15
TOTAL	**124**

* Meets University General Education Requirement.

[1] Chosen from the University General Education list.

[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 350, CHEM 360 and CHEM 369.

COLLEGE OF NURSING

All changes effective Fall 2013

REVISE COLLEGE TEXT (FRESHMAN ADMISSION HEADING)

ADMISSION POLICY
Freshman Admission
~~Beginning fall 2009, freshmen will be admitted directly into the major in the first year. Selection is highly competitive and based primarily on academic achievement at the high school level and scores on the ACT and/or SAT, as well as interest in and commitment to nursing.~~

Selection is highly competitive and based primarily on academic achievement at the high school level and scores on the ACT and/or SAT, as well as interest in and commitment to nursing. Students admitted into the College of Nursing must (1) achieve a minimum 3.20 grade point average at the conclusion of all required lower-division work, (2) achieve a minimum grade of C or better in all courses, (3) maintain full-time study at UT in order to begin upper-division nursing course work, and (4) submit an intent to progress by January 20 of the sophomore year.

Change of Major or Transfer Students
Students currently enrolled at the University of Tennessee in another college/major may apply for an open position in the nursing program. Students will be selected on the basis of the following criteria:

- Cumulative GPA for courses completed (minimum 3.20 GPA required to be eligible)
- Cumulative GPA for required science, social science, math, and English courses
- Number of course withdrawals and repetitions
- Grade improvement over time
- Probability of completing all required courses in the freshman and sophomore curriculum prior to fall semester
- Interest in and commitment to nursing
- Availability of space

The admissions process is highly selective, with more qualified applicants than spaces available. In recent years, the number and competitiveness of applicants have increased dramatically; therefore, students are encouraged to continue to progress in their current major while completing prerequisite courses.

If a student is selected for admission but then fails to successfully complete all required courses in the freshman and sophomore curriculum (with exception of Arts and Humanities and Cultures and Civilizations) with a grade of C or better prior to the fall semester, the student will not progress and must submit another application the following year.

For admission into the upper division nursing courses (which only begin each fall semester), students must:

- Complete all required courses in the freshman and sophomore curriculum prior to the fall semester.
- Submit a BSN Application to UT's College of Nursing Student Services Office by January 20.
- Attach transcript(s) of all college/university coursework to application.
    - UTK Students: Attach an Academic History Report (available via MyUTK)
    - Transfer Students: Attach official or unofficial transcript(s)
- Participate in a 15-20 minute interview with College of Nursing faculty.
- Applicants who fail to submit a required application item by the deadline or fail to schedule or attend the interview will be ineligible for consideration.

REVISE COLLEGE TEXT (PROGRESSION POLICIES AND PROCEDURES HEADING)

3. Registered nurses must be licensed to practice in the state of residence and/or employment ~~Tennessee or in one of the compact states~~.
4. Prior to enrollment in junior ~~nursing~~ courses, students must successfully complete a criminal background check, drug screen, and specific health requirements.

ADD PROGRAM TEXT (TRADITIONAL BSN PROGRAM)

ADMISSION POLICY
Freshman Admission
Selection is highly competitive and based primarily on academic achievement at the high school level and scores on the ACT and/or SAT, as well as interest in and commitment to nursing. Students admitted into the College of Nursing must (1) achieve a minimum 3.20 grade point average at the conclusion of all required lower-division work, (2) achieve a minimum grade of C or better in all

courses, (3) maintain full-time study at UT in order to begin upper-division nursing course work, and (4) submit an intent to progress by January 20 of the sophomore year.

Change of Major or Transfer Students
Students currently enrolled at the University of Tennessee in another college/major may apply for an open position in the nursing program. Students will be selected on the basis of the following criteria:

- Cumulative GPA for courses completed (minimum 3.20 GPA required to be eligible)
- Cumulative GPA for required science, social science, math, and English courses
- Number of course withdrawals and repetitions
- Grade improvement over time
- Probability of completing all required courses in the freshman and sophomore curriculum prior to fall semester
- Interest in and commitment to nursing
- Availability of space

The admissions process is highly selective, with more qualified applicants than spaces available. In recent years, the number and competitiveness of applicants have increased dramatically; therefore, students are encouraged to continue to progress in their current major while completing prerequisite courses.

If a student is selected for admission but then fails to successfully complete all required courses in the freshman and sophomore curriculum (with exception of Arts and Humanities and Cultures and Civilizations) with a grade of C or better prior to the fall semester, the student will not progress and must submit another application the following year.

For admission into the upper division nursing courses (which only begin each fall semester), students must:

- Complete all required courses in the freshman and sophomore curriculum prior to the fall semester.
- Submit a BSN Application to UT's College of Nursing Student Services Office by January 20.
- Attach transcript(s) of all college/university coursework to application.
    - UTK Students: Attach an Academic History Report (available via MyUTK)
    - Transfer Students: Attach official or unofficial transcript(s)
- Participate in a 15-20 minute interview with College of Nursing faculty.
- Applicants who fail to submit a required application item by the deadline or fail to schedule or attend the interview will be ineligible for consideration.

REVISE NURSING MAJOR—TRADITIONAL BSN PROGRAM (UTRACK FORMAT AND MILESTONES ONLY)

UTracK Requirements (for first-year students)
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 first-time, first-year, full-time, degree-seeking students entering Fall 2013. Returning, readmitted and transfer students will continue to follow the same program requirements outlined in their selected catalog.

Academic Plan

Term 1	Hours
BIOL 101*	4
[1]Chemistry Sequence*	4
ENGL 101* or ENGL 118*	3
MATH 125*	3
PSYC 110* or PSYC 117*	3
	17

Term 2	
[2]Arts and Humanities Elective*	3
[1]Chemistry Sequence*	4
ENGL 102	3
STAT 201* or STAT 207*	3
[3]Unrestricted Elective	3
	16

Term 3	
CFS 210*	3
CMST 210*, CMST 217, CMST 240*, or CMST 247*	3
[2]Cultures and Civilizations Elective*	3
[4]EEB 240	4
MICR 210*	3
	16

Term 4	
[4]BCMB 230	5
[2]Cultures and Civilizations Elective*	3
NURS 201	2

Milestone Notes

Term 1
2.0 cumulative GPA
Enrolled in at least 12 hours

Term 2
ENGL 102* with a grade of C or better
Enrolled in at least 12 hours

Term 3
3.2 cumulative GPA to begin upper division nursing courses
EEB 240 or BCMB 230 with a grade of C or better
Enrolled in at least 12 hours

Term 4
3.2 cumulative GPA to begin upper division nursing courses
NURS 201 with a grade of C or better
Enrolled in at least 12 hours

NUTR 100*	3	All lower-division requirements fulfilled
PHIL 252*	3	
	16	
Term 5		**Term 5**
NURS 311, NURS 319, NURS 333, NURS 341	14	NURS 311 with a grade of C or better
	14	
Term 6		**Term 6**
NURS 351, NURS 361, NURS 381, NURS 382	14	NURS 351 with a grade of C or better
	14	
Term 7		**Term 7**
NURS 406, NURS 421, NURS 451, NURS 461	13	Apply to graduate
NURS 471 or NURS 477	3	
	16	
Term 8		**Term 8**
NURS 403, NURS 404, NURS 495, NURS 496	14	NURS 495 with a grade of C or better
	14	
TOTAL	**123**	

* Meets University General Education Requirement.
[1] Select sequence from CHEM 100*-CHEM 110*, CHEM 120*-CHEM 130*, CHEM 138*-CHEM 148*.
[2] Chosen from the University General Education list.
[3] Any course not already required for the major.
[4] Transfer students need a total of at least 8 credit hours in anatomy and physiology.

REVISE NURSING MAJOR—RN TRACK

RN Track for Bachelor of Science in Nursing

1. RNs must complete the same non-nursing requirements as other students. They are exempt from the sophomore level NURS 201 - Introduction to Nursing course and will be given proficiency credit based on RN status. (Satisfactory/No Credit.)
2. Students starting upper division coursework will receive proficiency credit for five major clinical nursing courses. Courses for which credit will be attained include NURS 361, NURS 403, NURS 404, NURS 421, and NURS 461. These credits will be held in escrow until the graduating semester for a student and are indicated with a double asterisk. (Satisfactory/ No Credit.)
3. All students take the community course NURS 382.
4. RN-BSN students are required to take NURS 333 - Health Assessment.
5. Proficiency credit can be obtained in several other courses by passing instructor-made exams or preparing other work as specified by the faculty. These courses include NURS 319 - Pathophysiology of Health Deviations, NURS 351 - Pharmacology I, and NURS 406 - Pharmacology II (indicated by an asterisk). All proficiency credit not designated as Satisfactory/No Credit carries a letter grade.
6. The entire upper-division nursing curriculum can be completed in one calendar year. Students not enrolled in nursing courses for two consecutive semesters, excluding summer, will be administratively withdrawn from the program. Those seeking reentry must reapply to the College of Nursing. ~~Students accepted for the master's program can begin part-time graduate-level study while in the final semester of the undergraduate program.~~

Course Requirements (123 ~~122~~ hours)

- NURS 201 - Introduction to Nursing (proficiency credit for all RNs)
- NURS 305 - Transitions to Professional Nursing
- NURS 319 - Pathophysiology of Health Deviations *
- NURS 333 - Health Assessment
- NURS 341 - Transcultural Nursing
- NURS 351 - Pharmacology I *
- NURS 361 - Health Maintenance and Restoration: Adult **
- NURS 382 - Health Promotion and Maintenance in the Community
- NURS 403 - Health Promotion and Maintenance in Childbearing Families **
- NURS 404 - Health Promotion, Maintenance, and Restoration in Children, Adolescents, and their Families **
- NURS 406 - Pharmacology II *
- NURS 421 - Mental Health Maintenance and Restoration **
- NURS 454 - Professional Leadership Issues *(OC)
- NURS 461 - Health Restoration: Adult **
- NURS 471 - Nursing Research
- NURS 494 - Alternative Preceptorship *(WC)
- 3 ~~2~~ credit hours of electives

Notes

* Courses may be challenged.
** Courses may receive proficiency credit.

COLLEGE OF SOCIAL WORK

All changes effective Fall 2013

REVISE SOCIAL WORK MAJOR (FOOTNOTE1)

[1] Students are required to complete 6 hours of the same foreign language at the intermediate level, chosen from the University General Education List. ~~Students are required to complete a two-course sequence in a foreign language at the intermediate level. ASL 211 - Intermediate American Sign Language I and ASL 212 - Intermediate American Sign Language II will fulfill the foreign language requirement but will not meet the University General Education Requirement.~~

Rationale: ASL 211 and ASL 212 were recently approved for the cultures and civilizations general education category. Impact on other units: None. Financial impact: None.

HOWARD H. BAKER JR.CENTER FOR PUBLIC POLICY

All changes effective Fall 2013

I. COURSE CHANGES

(BCPP) Baker Center for Public Policy

ADD ACADEMIC DISCIPLINE AND COURSES

✱**101 Introduction to Public Policy (3)** Required of and restricted to first-year students in the Baker Center Living and Learning Community. Exploration of the basic characteristics of the public policy making system and process, as well as a set of current policy problems.
Satisfies General Education Requirement: (SS)

102 Freshman Seminar (1) Required of and restricted to first-year students in the Baker Center Living and Learning Community. Enrichment of students' experience through exposure to guest lecturers, exploration of career opportunities, and participation in co-curricular activities related to the field of public policy.
Grading Restriction: Satisfactory/No Credit grading only.

317 Baker Scholars Seminar (1) Required of and restricted to Baker Scholars. Support of Scholars' professional development and progress on their required projects. Instruction on the philosophy of research and methodologies relevant to the field of public policy. Review of examples of public policy research. Exploration of internship and career opportunities.
Grading Restriction: Satisfactory/No Credit Grading only.

497 Baker Scholars Project (3) Restricted to Baker Scholars. Completion of a research thesis investigating a specific public policy issue or implementation of a creative initiative that contributes toward understanding of public policy issues, improved governance, civic engagement, or public service.
Repeatability: May be repeated. Maximum 6 hours.

Rationale: The Baker Center Living and Learning Community (BCLLC) and the Baker Scholars Program have existed for several years. The changes proposed here would help define the student experience with Baker Center student initiatives and document participation and achievements on students' permanent records. Each term, a Baker Center faculty or staff member will provide to the Office of the University Registrar a list of Baker Scholar completers, so transcript notations can be entered.

Freshmen in the BCLLC have in recent years been enrolled in their own section of UNHO 267 (Gen Ed – Social Science) in the fall semester. Though taught by different instructors and with some variation in titles, this course has essentially provided an introduction to public policy in addition to opportunities for community-building around this theme. BCPP 101 will have the same purpose as a Baker Center-specific course. (While no longer designated as an Honors course, BCLLC students who are in the Chancellor's Honors Program may work with the instructor to develop an honors-by-contract agreement.) It is expected that instruction for the course will continue to be provided by a faculty member in the Department of Political Science, with support of an upper-division Baker Scholar as a TA. BCPP 102 will provide BCLLC students during the spring of their freshman year with further introduction to the field of public policy, as well as a context for continued community-building. BCPP 102 will be coordinated by the Baker Center Director of Undergraduate Programs, with support of an upper-division Baker Scholar as a TA.

Baker Scholars who are also in the Chancellors Honors Program, the Haslam Scholars Program, or the College Scholars Program (College of Arts and Sciences) have in the past received academic credit for their senior projects through research courses associated with those programs. BCPP 497 will provide a senior project course specific to the Baker Scholars Program, allowing all Baker Scholars to receive academic credit for completion of a project. BCPP 317 will serve primarily to assist Baker Scholars as they lay the groundwork for their senior project during the spring semester of their junior year, as well to foster community-building among the class of Scholars. BCPP 317 will be coordinated by the Baker Center Director of Undergraduate Programs.

II. PROGRAM CHANGES

ADD PROGRAM PAGE

Howard H. Baker Jr. Center for Public Policy

Matthew Murray, Director
Nissa Dahlin-Brown, Associate Director
William Park, Director of Undergraduate Programs

http://bakercenter.utk.edu/

INTRODUCTION
The Howard H. Baker Jr. Center for Public Policy is a nonpartisan institute devoted to education, student engagement and research in the areas of energy policy, environmental policy, global security and leadership and governance. Through classes, student

initiatives, public lectures, research symposia and research publications, the center aims to provide policymakers, citizens, scholars, and students with the information and skills necessary to work effectively within our political system and to serve our local, state, national, and global communities. By examining policy and politics through a nonpartisan lens, the Baker Center continues the groundbreaking work of its namesake, Senator Howard H. Baker, Jr., who was nicknamed, "The Great Conciliator" for his ability to cross party lines and encourage lawmakers to cooperate on key issues affecting the public good. In the spirit of Senator Baker's work, the center offers a number of public lectures and programs on topics across the political spectrum, with a focus on the areas noted above.

STUDENT ENGAGEMENT
Students with a strong interest in public policy can apply to participate in one or more of the following programs over the course of their undergraduate career.

Baker Center Living and Learning Community – Freshman Year
The Baker Center Living and Learning Community (BCLLC) is designed for incoming freshmen and seeks to promote citizenship while offering shared opportunities to increase understanding of our system of governance and public policy making within an established student support network. Students accepted into the BCLLC live together in Morrill Hall and take courses together in the fall and spring semesters of their freshman year. The courses provide an introduction to the field of public policy and career opportunities therein. Students also explore specific public policy issues on their own and through engagement in roundtable discussions with university faculty, community and political leaders. Opportunities for leadership development also exist for BCLLC members through various co-curricular activities. Applications are accepted in conjunction with the university housing application process.

Baker Ambassadors – Sophomore-Junior-Senior Years
Students selected to serve as Baker Ambassadors help create, plan, and manage special events in connection with the Baker Center. Ambassadors participate in activities associated with the National Campaign for Civic and Political Engagement, a Harvard-led consortium which focuses on political engagement, from research to educational programs for college and younger students. They also plan educational and social events for the Baker Center Living and Learning Community, Baker Scholars, and the public. The Ambassador role is action-oriented, whereby students are given hands-on opportunities in the areas that interest them most. Whether through organizing an on-campus debate, encouraging high school students to become involved in the political process, or registering people to vote, ambassadors gain invaluable experience and connections, while providing an important public service. Applications from sophomores and up are accepted in the fall and spring semesters.

Baker Scholars – Junior and Senior Years
Since its inception in 2004, the Baker Scholar program has consistently attracted the University of Tennessee's most academically gifted, politically curious students by offering a unique and meaningful opportunity for engagement in the field of public policy. The central undertaking of each Baker Scholar is a senior project that involves either research on a specific policy issue or implementation of a creative initiative that contributes toward understanding of public policy issues, governance, civic engagement, or public service. Scholars are paired with faculty or professional mentors who serve as resources and help direct their project. In addition to their project work, scholars are strongly encouraged to participate in Baker Center events such as guest lectures and conferences, giving scholars the chance to expand their networks of professional contacts and hear first-hand accounts from political insiders. Applications are accepted in August of each year from rising juniors with a cumulative GPA of at least 3.35.

COURSE OFFERINGS
- BCPP 101 – Introduction to Public Policy
- BCPP 102 – Freshman Seminar
- BCPP 317 – Baker Scholars Seminar
- BCPP 497 – Baker Scholars Project

CONTACT
Howard H. Baker Jr. Center for Public Policy
1640 Cumberland Ave
Knoxville, TN 37996-3340
Phone: 865-974-0931

Rationale: The Baker Center Living and Learning Community (BCLLC) and the Baker Scholars Program have existed for several years. The changes proposed here would help define the student experience with Baker Center student initiatives and document participation and achievements on students' permanent records. Each term, a Baker Center faculty or staff member will provide to the Office of the University Registrar a list of Baker Scholar completers, so transcript notations can be entered.

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UNIVERSITY HONORS PROGRAM

All changes effective Fall 2013

CHANCELLOR'S HONORS PROGRAM

(UNHO) University Honors

ADD GRADING RESTRICTION

492 Honors: Off-Campus Study (1-15)
Grading Restriction: Satisfactory/No Credit grading only.

Rationale: Students are supervised externally, and therefore should be not assigned a letter grade. Impact on Other Academic Units: None. Financial Impact: None.

GENERAL EDUCATION COMMITTEE REPORT

December 12, 2012 Meeting Minutes

The General Education Committee met at 8:30am in the 4th floor AHT conference room.

Approved for Cultures and Civilizations

- HEBR 221-222 Biblical Hebrew
- ASL 211-212 Intermediate Sign Language I & II

Considered, but Not Approved for Social Sciences

- COUN 220 Helping Skills in Face-to-Face and Online Settings

Other Business

- Kirsten Benson was elected Chair-Elect (will serve as Chair-Elect for spring 2013 then as chair for 2013-14 and 2014-15)

January 16, 2013 Meeting Minutes

The General Education Committee met at 8:30am in the 4th floor AHT conference room.

Courses with Curricular Changes Reapproved for General Education

Communicating through Writing

- ARCH 227 Honors: Modern Architecture Histories and Theories, for WC (honors version of 213)
- JREM 450 Writing about Science and Medicine, for WC (revised description)
- JREM 451 Environmental Writing, for WC (revised description)
- JREM 456 Science Writing as Literature, for WC (revised description)
- NUTR 412 Food/Nutrition in Community, for WC (revised description)
- RCS 391 Professional Development in Retailing, for WC (replaces RCS 390)
- CBE 415 Chemical and Biomolecular Engineering Laboratory, for WC (replaces CBE 310)
- *COSC 402 Senior Design Practicum, for WC, OC, with COSC 401 (replaces COSC 400)
- *ECE 402 Senior Design Practicum, for WC, OC, with ECE 401 (replaces ECE 400)
- IE 350 Leadership in Industrial Engineering II: Team Building Skills, for WC (revised description)
- BME 430 Biomedical Engineering Laboratory, for WC (revised prerequisites)

Communicating Orally

- *COSC 402 Senior Design Practicum, for WC, OC, with COSC 401 (replaces COSC 400)
- *ECE 402 Senior Design Practicum, for WC, OC, with ECE 401 (replaces ECE 400)

Social Sciences

- BCPP 101 Introduction to Public Policy, for SS (formerly approved topic under UNHO 267)

Revise Gen Ed Description for Cultures and Civilizations Requirement
Change from:
Knowledge of foreign languages and cultures and their histories have long been required of educated people. Today technologies of travel and communication create global communities, and so increase the importance of this knowledge. While it is not possible to become expert in all cultures and civilizations, a perspective on which to build knowledge over a lifetime can be gained by study of foreign languages and the study of the cultures and histories of their speakers. This perspective improves the ability of students to function effectively in the global community of the twenty-first century by developing an appreciation of linguistic, historical, and cultural diversity.

To:
Developing an appreciation of linguistic, historical, and cultural diversity through the study of multiple languages or cultures improves the ability of students to function effectively in our global community. Studying a second language and its cultural and historical context can also provide a foundation for lifelong learning about other cultures and civilizations.

Next Meetings
2/13/13, 3/13/13 – Wednesday, 8:30 AM in AHT 4th floor conference room.