



University of Tennessee, Knoxville
**TRACE: Tennessee Research and Creative
Exchange**

Graduate Council Minutes

Graduate Council

11-18-2021

Graduate Council Minutes - November 18, 2021

Graduate Council

Follow this and additional works at: https://trace.tennessee.edu/utk_gcminutes

Recommended Citation

Graduate Council, "Graduate Council Minutes - November 18, 2021" (2021). *Graduate Council Minutes*.
https://trace.tennessee.edu/utk_gcminutes/120

This Meeting Minutes is brought to you for free and open access by the Graduate Council at TRACE: Tennessee Research and Creative Exchange. It has been accepted for inclusion in Graduate Council Minutes by an authorized administrator of TRACE: Tennessee Research and Creative Exchange. For more information, please contact trace@utk.edu.

THE UNIVERSITY OF TENNESSEE

November 18, 2021

Members present: Ohnesorg, S (Chair), Aydeniz, M., Bamwine, P., Baxter, T., Buehler, M., Dittmann, P., L., Edwards, L., Ekici, K., Fathy, A., Finotti, L., Fleming-May, R., Gerhold, R., Griffin, M., Guo, H., Hammock, H. (Graduate Student Senate President), Hewett, K., Hines, M., Kaplan, G., King, L., Kotowski, M., Lang, M., Laursen, S., Lim, J. MacTavish, E., Mannik, J., Meschke, L. (Chair-Elect), Moyer, D., Neal, A., Newkirk, K., Palies, P. (UTSI), Preuss, N., Ravi, K. (proxy for P. Thompson, CSW), Sachs, A., Scott, J., Ward, M.

Ex-Officio members present: Autry, C., Babu, S., Bailey, M. (proxy for India Lane), Behn, B., Broemmel, A., Gordon, K., Kupritz, V., Stier, J., Thompson, D., Sullivan, M., Cox, C.

1. **Call to Order and Welcome** (Stefanie Ohnesorg)

The Graduate Council Zoom meeting was called to order by Chair, Stefanie Ohnesorg on Thursday, November 18, 2021, at 3:00 p.m.

2. **Minutes of the Preceding Meeting**

The October 7, 2021, Graduate Council Minutes were approved electronically on October 28, 2021.

3. **Committee Reports**

We will now have our committee reports.

➤ **Academic Policy Committee** (Melissa Hines, co-chair), October 21, 2021 Report, **Attachment 1**

Two items were proposed and discussed:

1) Composition of a Master's Committee

- Do we need a master's committee of 3 people for every master's student? Example, do we need a committee of 3 for those students in coursework-only programs?
- Should we open the committee assignments to people who are not at the rank of assistant professor?

Feedback from programs with the coursework only options, were in favor of eliminating the 3-person committee. Also, in the APC meeting discussion, most were in favor of eliminating the 3-person committee. There was also support in approving instructors and/or lecturers to sign as committee members.

We left this as a discussion item to bring to Council today. APC will review the proposal again in the spring. We ask each unit to go back and discuss this with your faculty for input. As a reminder, each program may choose to be more restrictive than the policy.

2) Proficiency Examination

Currently, Proficiency Exams are only available for master's students. The College of Education, Health, and Human Sciences is requesting this option might also be available to their EdS students. There was support for this proposal. Dr. Dixie Thompson will discuss this with the associate deans and will also poll the SEC deans for input. This proposal will also come back to APC in the spring.

➤ **Appeals Committee (Laurie Meschke, chair)**

One dismissal appeal came forward from a student. The hearing panel convened and provided a recommendation to Dean Dixie Thompson, who shared her decision with the student. No other appeals have come forward.

➤ **Curriculum Committee** (D. Thompson reported for A. Sachs), October 14, 2021 Report, **Attachment 2**

The Curriculum Committee met via Zoom on October 14, 2021. Proposals were reviewed from the College of Law. Two program proposals were discussed, as well as course changes. The two program changes to note are:

- ❖ Drop major and degree: Law Major, LLM degree
- ❖ Revise program requirements for the Law Major, JD

Curriculum Committee also reviewed the Courses Not Taught in 4 or More Years Report. From that discussion:

- ❖ 43 courses were marked to drop from the colleges. Curriculum Committee voted to drop
- ❖ 55 courses (first time on the report). Justifications were given to retain the courses. Curriculum Committee voted to retain.
- ❖ 8 courses (second time on the report). Justifications were given to retain the courses. Curriculum Committee voted to retain.
- ❖ 2 courses (the college noted they were dropping in their December curricular proposal)
- ❖ 6 courses (on the report for three or more years). Justifications were given to retain the courses. Curriculum Committee reviewed and discussed all six courses. Curriculum Committee voted to retain 5 of the 6 courses.

However, course ME 631, a secondary course, on the report for six years and not taught in 10 years, the Curriculum Committee voted to drop. An email was sent to the department notifying them of the vote. The department replied they were fine with the committee's decision.

All items were approved as reported and are recommended to Graduate Council for approval.

This comes forward as a seconded motion. We will launch a poll. Voting members, please vote. The voting had 100 percent unanimous approval.

➤ **Student Faculty Research Awards (Dixie Thompson, chair)**

First, a sincere thank you to the SFRA committee for the work and time they did with the reviews. I would also like to thank my staff who contribute to make this process a success.

- ❖ As a reminder, we had an extra \$100,000.00 for the fall awards.
- ❖ We received 89 applications. From the 89 received, 25 were funded.
- ❖ There were over \$390,000.00 in the application requests.
- ❖ We funded just over \$104,000.00.
- ❖ The awards were distributed to six colleges and to one interdisciplinary program.

4. **Administrative Reports and Announcements:**

Deans Update: (Dixie Thompson)

I want to thank everyone for attending today's meeting.

Masking and Vaccine update – We remain in a wait-and-see mode while the courts are hearing various arguments related to masking and COVID vaccine mandates. Because UTK is a federal contractor, we are anticipating a vaccine requirement that will impact employees, including graduate assistants. At this point, we are waiting on a final ruling. As we wait, people can use the Employee Self-Service in IRIS to upload vaccine information or to apply for a medical or religious exemption.

Budget time – Support units such as the Graduate School are in the process of preparing budgets for FY 23. I will be asking for additional support to ensure that we can serve grad/prof students and our departments as we

continue to increase enrollment. I attended a Budget Allocation Model presentation with leadership from Faculty Senate. Many questions related to grad/prof student support was covered during the presentation.

Graduate Certificates and Federal Financial Aid – Currently students in our graduate certificates are not eligible to receive federal financial aid for those programs. The Office of Financial Aid and Scholarships is examining how we might be able to become eligible. It will require reporting on career outcomes of students who complete these certificates. More to come in the months ahead.

Curriculum review software – We continuing to gather information on companies who provide software to manage curricular submissions. We anticipate starting the implementation of the software in spring 2022.

Curricular review process – I will circulate the report of a Taskforce that was formed in May 2021. This report provides recommendations related to streamlining and re-imagining our curricular submission calendar. Please read this report and related materials. I ask that the Curriculum Committee discuss this report and bring forward to the February Grad Council meeting recommendations/endorsement of moving forward with these changes.

Question: Last year the summer term was reduced from 10 weeks to 8 weeks. Does the Graduate School know if this is going to be a permanent change? If so, do you have any guidance for departments trying to now fit 15 weeks of content now into 8 weeks. Is this practical or even pedagogically sound for graduate education? All these changes seem to be made to accommodate undergraduates.

D. Thompson: The group looking at our academic calendars are wrestling with how to create a calendar that we can rely on for multiple years. I don't know when the summer calendar will be available, and I don't know the length of summer term. I appreciate the question and know this created difficulty on the faculty.

The mini-terms might offer the opportunity to provide maybe a 1 credit hour special topics where a group of graduate students could do a deep-dive on a particular topic.

Graduate Student Senate Update (Hunter Hammock, GSS President)

Updates from our last GSS meeting.

- Concerning the mask mandate: based on our feedback, the majority of graduate students support the mask mandate and want their fellow Vols to get vaccinated so that we can continue in our research projects.
- Travel Awards: we were successful in completing our second round of travel awards. The Graduate School was able to set aside \$100,000.00 to provide the opportunity to those graduate students presenting as first author/first presenter to be able to go conferences in person. About 150 students have received this award for travel. The average award was about \$400.00. We are grateful to the Graduate School for this opportunity.
- Academic Support Awards: we are having a huge success rate with these awards. \$250,000.00 was set aside for these awards. Which includes any type of academic need. Such as books, supplies, software, etc., to help with student academics. We are thankful during these hard times that we have been able to give back to graduate and professional students.
- Our objectives for the semester remain the same. To bring back the social reconnection to graduate and professional students.
- Financial insecurity, one third of our graduate and undergraduate student body indicated that in 2020, they regularly used the food pantry. In the first-year survey we sent out, graduate students said financial insecurity was one of their big issues. Considering that many continue to rely on the food pantry, it is difficult to conduct world class research or teach students when basic needs like food and shelter are an issue. And, with inflation and the continuance of the pandemic, this issue continues to become more severe. We have brought this issue to Faculty Senate and other administrative leaders to help do all we can to promote the increase in stipends.
- Graduate student involvement. We want to increase the value graduate students bring to the university. A couple of ideas are: 1) engaging in a mentoring program. Formalizing in each department where graduate students are mentors for advanced undergraduate students. This could be a springboard to get high quality talent and find undergraduate students who are interested in pursuing a graduate degree. And, 2)

create a mechanism where advisors and graduate students could have bi-annual reviews of each other. To have a sit-down meeting and talk about each are doing in their leadership styles and communication and how they can improve on one another. If there are issues at the meeting, then the department head or the DGS could be notified. If not, then it could be a rubber stamp. This would be beneficial to department head's giving reviews or for tenured professors, their annual reviews. As the graduate student spends so much time with their professors, this provides the ability to get a lot of information with minimal time. Doing these two things, we believe would improve the communication between the undergraduate and graduate body and between the graduate students and their mentors. We are exploring other options with how we can value to the campus as graduate students.

- All the GSS committees are set with their assignments. We meet today at 5:30 and this will be our first meeting where the committees will each give a report. After these committee reports, I will have updates at the next Graduate Council meeting.

Questions:

S. Ohnesorg: Thank for your report and we applaud you for being so active. I have a question. Based on the data you collected, will there continue to be two awards or will it go back to the travel awards only?

Hammock: We separated our decision-making periods with two in the fall and spring and one in the summer. For this fall semester, we had about the same number applicants that applied for the two periods in the fall. We are going to track and see how the trend goes. We also want to see, across the departments, if there is an uptick in virtual conferences or if more are now in-person. In my discipline, there are more in-person. We will look at the data and GSS and the Graduate School will continue to discuss the travel awards. We do realize the origin of the travel awards were for in-person travel.

L. Meschke: I want to thank you for the idea of the student/faculty review process, particularly with their doctoral chairs. Do you have any measures or tools that will help provide structure for this process? I like the idea of a regular meeting and not waiting on a problem to arise.

Hammock: Originally, this idea came from the Bredesen Center. The issue was there was not good communication between ORNL and UT Knoxville. This may be an extreme version of the underlying problem. But, we want the review to give the opportunity for both students and faculty to review each other and just have an open conversation. I hope most already do this without having a formalized process. But, having this process would give the students more comfort and also provide the opportunity to bring any issues up. To holistically solve issues before they arise, instead of trying to trouble shoot and put out the fires after the fact or last minute. In terms of a formal mechanism. I am aware of some departments that do this as a best practice. We are going to look at those departments and put together a template.

D. Thompson: I meet regularly with the SEC deans and this topic has been discussed. None of the SEC schools have a one-size fits all process. This will probably be the case with us, and ultimately it is up to each department to look at what processes work best for them. It might be possible to provide some principles or ideas that departments could consider and then let the faculty decide what works best for their program. I can speak from my department. For many years now, we have PhD student reviews in January. At the end of fall semester, PhD students submit their CV, a report of what they have done in the previous year, and their plans for the upcoming year. The students meet with us, and we provide feedback. It does provide a rich experience for our young scholars to go through that process each year. I encourage departments to consider such a process. When it comes to students providing feedback on their experiences with mentors, it is imperative that we provide safeguards to protect against retaliation.

S. Ohnesorg: I agree with Dr. Thompson. If there is an evaluation, then it needs all the safeguards for everyone involved to be protected against retaliation.

Graduate Council Chair (Stefanie Ohnesorg)

We discussed previously that Graduate Council needs to revise their Bylaws. I proposed at the last meeting that an ad-hoc committee be formed to look at and review the GC Bylaws. The ad-hoc committee will be composed of our committee chairs; the former, future, and current chair of Graduate Council; Dean Dixie Thompson; and council member, Rachel Fleming-May. We will begin the review process soon in order to have this finalized by the end of the academic year.

We do not meet again until February 17. I would like for our council members to begin thinking about our next chair elect. The official call is in the spring. If you think this might be the year to volunteer or if you want to

nominate a member, we will have the official election process in the spring. Please consider the idea of chair elect.

Thank you to everyone for the good work this fall semester. I wish everyone a good break and we will meet again on February 17.

5. Items from the Floor

There were no items from the floor.

With no further business, the meeting adjourned at 4:05 p.m.

Respectfully submitted,

Catherine Cox
Graduate Council Liaison

Attachment 1**Academic Policy Committee Meeting Report****Thursday, October 21, 2021****3:30 – 5:00 p.m., Zoom Meeting**

Committee members present: Melissa Hines (Co-Chair), Patricia Bamwine, Julie Bonom (proxy for Allyson Neal), Luis Finotti, Hunter Hamock (GSS President), Greg Kaplan, Siris Laursen, Mohammed Mohsin

Other attendees: David Anderson (CVM), Bruce Behn (HCB), Sara Bradberry, Amy Broemmel (Past Graduate Council Chair), David Cihak (CEHHS), Kristina Gordon (CEHHS), Stefanie Ohnesorg (Graduate Council Chair), Paula Schaefer (CL), Dixie Thompson, and Catherine Cox (Graduate Council Liaison)

Melissa Hines called the Zoom meeting to order at 3:30 p.m.

Agenda Items:**1. Composition of a Master's Committee (Dixie Thompson, Dean of the Graduate School)**

- Do we need a master's committee of 3 people for every master's student? Example, do we need a committee of 3 for those students in coursework-only programs?
- Should we open the committee assignments to people who are not at the rank of assistant professor?

Current Catalog Language**Master's Committee**

A master's committee is composed of the major professor from the student's academic program and at least two other faculty members, all at the rank of assistant professor or above and should be formed as early as possible in a student's program, and must be formed by the time a student applies for admission to candidacy. If the student is pursuing a minor, the student in consultation with the major professor, should consider adding a committee member from the minor department.

The responsibility of this committee is to

- assist the student in planning a program of study and carrying out research or other scholarly work,
- serve as the review panel for thesis or project proposals,
- prepare a final comprehensive examination, and
- assure fulfillment of the program's degree requirements.

S. Bradberry:**For the Coursework only options – from the programs I reached out to:**

- 20 programs are in favor of eliminating the committee.
- RSM (Recreation and Sport Management Major, MS) is in favor of keeping 3 committee members.
- Who should be the official signoff signature (DGS or Advisor)?

If you imagine that programs would have one person to be over the program - would it be the academic director who would signoff?

One person would review the Candidacy Application, and signoff as the official member.

Finotti: Math. I received very little feedback from the Math Department. Our instructors are lecturers.

Nursing: we have moved all our programs to the doctoral level. No issues for us.

Hunter Hammock, GSS: from the student's perspective, I think committee members as mentor's are very important. The reality if these programs are just "course only" then maybe there is no mentoring. If it is just a rubber stamp – then I agree.

CVM – stay "as is" – not a blanket change. Have exceptions to the policy.

HCB

We have several lecturers with JD's or PhD's – and faculty thought they should be able to sign.

G. Kaplan: Modern Foreign Languages – The chair does most of the work, but the other members contribute to the research.

L Finotti:

What are we looking at to do with this proposal? Is this for the Thesis option and comprehensive exams?

The chair should be tenure track at the level of assistant professor or above.

D. Thompson: Sara and I will work on the language. We will send it out for all to review and add input.

2. Proficiency Exams for Specialist in Education (EdS) students – submitted by David Cihak, Associate Dean and Director, Office of Professional Licensure

Currently, Proficiency Examinations are only available for master's students. The College of Education, Health, and Human Sciences would like to see this option also be available for our Specialist in Education (EdS) students.

Cihak:

Generally, EdS students have earned the master's degree. We expect that EdS candidates, from earning their master's degrees and from their professional experiences, would have some of the competencies. We also could possibly look at this as a recruiting tool. In the education world, you get a pay raise when the EdS is earned. Also, could this be available for the Distance Education (DE) students?

B. Behn: We might also look at this as a recruiting tool.

D. Thompson: It appears there is a consensus to support having competency-based proficiency opportunity, which should be limited, as the majority of classes for any degree should be earned on campus with credit-bearing courses. This is an opportunity to recognize the skills our students have and as mentioned, possibly use as a recruiting tool.

This will require conversations with the Office of the University Registrar. I will discuss this with the associate deans. And, I will poll the SEC deans and ask how they use competency-based proficiency at their institutions. I will have data to share at our next meeting.

Current catalog language:

Proficiency Examinations

A proficiency examination measures the level of knowledge a student has in a specific body of knowledge. By taking a proficiency examination, a student may earn course credits and apply them towards a **master's degree**. A maximum of one-fourth of the total credit hours in a master's degree program may be earned by this method, subject to approval by the student's graduate committee.

A proficiency examination may be given in academic courses offered for graduate credit. Applications for proficiency examinations are only available in the Office of the University Registrar, 209 Student Services Building. They are not available online.

- Students should check with the department offering the course on the availability of proficiency examinations and check with their advisor to determine if their own program allows coursework completed by proficiency examination to be applied towards the master's degree program of study.
- A student must be admitted to graduate study. Proficiency examination is not available to students in non-degree seeking status.
- The request for examination must be approved by the head of the department offering the course.
- The student applying for this privilege must present evidence to the department head that he/she has the knowledge and abilities expected of graduate students who have taken the same course.
- A per credit hour fee must be paid before each examination.
- Upon passing the examination with a minimum grade of B, the student will receive graduate credit.
- Proficiency examinations **may not be used** to raise the grade or change the credit in a course previously completed, nor may such an examination be repeated.
- Proficiency examinations taken at other institutions are not transferable.

Dr. Hines thanked everyone for the discussion and questions of these agenda two items.

Meeting adjourned at 4:38.

Respectfully submitted,

Catherine Cox
Graduate Council Liaison

Attachment 2**Graduate Curriculum Committee Meeting Report
Zoom Meeting
Thursday, October 14, 2021**

Members present: Avigail Sachs (Chair), Mehmet Aydeniz, Paul Dittmann, Lisa King, Mike Kotowski, Stephanie Kleine proxy for Kim Newkirk), Paul Palies, Nathan Preuss, Martina Ward, and Mohamed Al Sager (GSS Vice-President)

Also in attendance: Sara Bradberry, Virginia Kupritz, Stefanie Ohnesorg (Graduate Council Chair), Paula Schaefer, John Stier, Dixie Thompson (Dean of the Graduate School), Javonda Williams and Catherine Cox

Avigail Sachs called the meeting to order at 3:30 p.m.

Curriculum proposals submitted for discussion:

1) College of Law

- a) Course changes: added 8 courses, revised 0 courses, dropped 0 courses
- b) Program changes:
 - 1. Drop major and degree: Law (United States Business Law) major, LLM degree
 - 2. Revise requirements, Law Major, JD

Proposals were discussed and upon motions duly made and seconded, all course changes and program changes were approved.

2) Review of the Courses Not Taught in 4 or More Years Report

There are 114 courses on the report. After review and discussion:

- 43 courses: were marked to DROP (tan shading). **Curriculum Committee voted to drop those courses.**
- 55 courses: (green shading) listed on the report for the first time. Justifications were given to retain the courses. **Curriculum Committee voted to retain those courses.**
- 8 courses: (yellow shading) listed on the report for two consecutive years. Justifications were given to retain the courses. **Curriculum Committee voted to retain those courses.**
- 2 courses (grayed out) as unit noted those courses will be in their December curriculum to drop.
- 6 courses: (no shading) listed on the report for three or more consecutive years. Justification was given to retain.

Curriculum Committee reviewed and discussed each course and voted to retain 5 of the 6 courses.

However, course ME 631, a secondary course, has been on the report for 6 years and has not been taught in 10 years. Therefore, the Curriculum Committee voted to DROP course ME 631.

10-22-21: An email was sent to the Department of Mechanical, Aerospace, and Biomedical Engineering to communicate outcome of course ME 631. Email reported the Curriculum Committee voted to DROP ME 631. The MABE department is invited to attend the November 18 Graduate Council and give sound justification for retaining ME 631 and to provide a semester it will be taught.

10-22-21: **Email reply from MABE – they are onboard to DROP course ME 631.**

With the above actions from the Graduate Curriculum Committee, the report now stands as follows:

114 courses on the report

44 courses marked to DROP

68 courses marked to RETAIN

2 courses removed (grayed out) as unit is submitting proposal in December to drop the courses.

Discussion concerning the Courses Not Taught in 4 or More Years Report.

A question was raised about the origin of the '4 or more' report. The response is that the practice of continually reviewing courses is to ensure that departments are accurately portraying the curriculum offerings. It is unfair to perspective, as well as current students, to indicate that courses are offered, but; in reality, they are not being taught. It is the responsibility of the faculty to ensure that the Graduate Catalog accurately represents to students the programs and curricula that are offered.

The question was raised as to whether this practice is administrative over-reach. In reality, no administrators vote on what courses are removed through this process. It is entirely faculty who vote on the Curriculum Committee, Graduate Council, and Faculty Senate.

The question was raised about whether 'four' is the right number of years to consider a graduate course as inactive. Discussion ensued about the rotation of specialty graduate courses that sometimes can't be offered in a 4-year cycle. Response: The Graduate Council's practice is that it is after 4 years that a course gets scrutiny for being inactive, but it in all cases the Council gives at least 6 years, and sometimes more, before it votes to remove a course. Given our policy for the time limit for doctoral programs (*"Comprehensive examinations must be taken within five years, and all requirements must be completed within eight years, from the time of a student's first enrollment in a doctoral degree program."* Graduate Catalog), a course would need to be offered within a four (or potentially five) year window in order for it to be a part of a student's curriculum covered by comprehensive exams.

All items were approved as reported above and are recommended to Graduate Council for approval.

The meeting adjourned at 4:15 p.m.

Respectfully submitted,

Catherine Cox
Graduate Curriculum Coordinator

<p>Thursday October 14, 2021 3:30 P.M.</p>	<p>Graduate Curriculum Committee Meeting</p>	<p>Zoom Meeting https://tennessee.zoom.us/j/95584504507 Password: 822203</p>
---	---	--

AGENDA

College of Law

Courses Not Taught in 4 or More Years Report

- **Indicates add or drop of Majors**

COLLEGE OF LAW**All changes effective Fall 2022****I. COURSE CHANGES****ADD****Law 868 Animals and the Law (2-3)**

Students are exposed to ways in which nonhuman animals influence and are impacted by statutory, regulatory, and decisional law. There are gaps in the legal framework relating to these animals, and that construct is constantly—and in some cases rapidly—evolving. Knowledge of subject matters outside law is necessary as a means of understanding and developing the applicable law. As a result, the work in this course that involves the interface between animals and law involves explorations of aspects of, among other subject matter areas: animal-related professions; business administration and finance; psychology, philosophy; history; economics; political science; jurisprudence; and legislation.

Repeatability: Not repeatable. May be taken once for 2 or 3 hours.

Grading Restriction(s): numeric grading (law students); A-F grading (graduate students).

Registration Restriction(s): JD students only or with Instructor Permission.

Rationale: Expands curricular offerings in the area. Impact on other units: None expected. Financial impact: None expected.

Law 869 Federal Indian Law (2-3)

Provides students with an understanding of the foundational doctrine, history, and current trends in Federal Indian law. Using a mix of case law, secondary sources, and newspaper articles, students are given the tools they need to identify and to analyze issues related to Federal Indian law in their legal practice.

Repeatability: Not repeatable. May be taken once for 2 or 3 hours.

Grading Restriction(s): numeric grading (law students); A-F grading (graduate students).

Registration Restriction(s): JD students only or with Instructor Permission.

Rationale: Expands curricular offerings in the area. Impact on other units: None expected. Financial impact: None expected.

Law 965 Global Public Health Law and Policy (3)

Surveys the international public health institutions and the legal framework that impact cross-border health issues. This course focuses on governance and management of public health issues against the backdrop of the globalization of the world's economies, cultures, production systems, transnational policies, and increasingly shared environment. This class also examines the significant international legal documents in the context of a number of case studies.

Grading Restriction(s): numeric grading (law students); A-F grading (graduate students).

Registration Restriction(s): JD students only or with Instructor Permission.

Rationale: Expands curricular offerings in the area. Impact on other units: None expected. Financial impact: None expected.

Law 966 Health Care Fraud and Abuse (2-3)

The complex business of health care finance and delivery is increasingly structured by reference to an array of federal regulatory and statutory requirements. Attorneys reviewing relationships among the providers and between providers and payors must be familiar with a number of anti-fraud laws, including the anti-kickback laws, the False Claims Act, and the Stark Law. Examines the application of those laws as they apply to providers; particularly in the context of commercial relationships, regulatory reviews, and criminal investigations and prosecutions. It also will examine the burgeoning areas of provider compliance programs, the use of settlements as enforcement mechanisms, and the changes brought about by the Patient Protection and Affordable Care Act.

Repeatability: Not repeatable. May be taken once for 2 or 3 hours.

Grading Restriction(s): numeric grading (law students); A-F grading (graduate students).

Registration Restriction(s): JD students only or with Instructor Permission.

Rationale: Expands curricular offerings in the area. Impact on other units: None expected. Financial impact: None expected.

Law 931 Social Media Discovery (3)

Examines the discoverability of social media data in pretrial civil litigation, including the different approaches courts take to discovery of content posted to platforms like Facebook or Snapchat. Will also explore the privacy issues involved, the ethical constraints on attorney conduct, and the impact social media has on the litigation process. In addition to learning more about the law of discovery, students in this simulation course will represent a mock client, correspond with opposing counsel, draft and serve discovery requests, and, for the final project, prepare a complete pretrial motion.

Grading Restriction(s): numeric grading (law students); A-F grading (graduate students).

Registration Restriction(s): JD students only or with Instructor Permission.

Rationale: Expands curricular offerings in the area. Impact on other units: None expected. Financial impact: None expected.

Law 974 Tax Practice and Procedure (3)

Focuses on the practices and procedures of the Internal Revenue Service and the federal courts having jurisdiction in tax controversies using simulations and problems. Will cover the chronology of a typical federal tax controversy from audit through litigation and collection. Topics covered include statutes of limitation, hearings before the IRS Appeals Office, litigation in federal courts, penalty provisions, deficiency procedures, and the ethics of tax practice. Although the focus is on tax controversies, certain topics are also directly relevant to tax compliance and tax planning. Further, a general understanding of how tax controversy works is useful background knowledge for a transactional practice as well.

Grading Restriction(s): numeric grading (law students); A-F grading (graduate students).

Registration Restriction(s): JD students only or with Instructor Permission.

Rationale: Expands curricular offerings in the area. Impact on other units: None expected. Financial impact: None expected.

Law 958 Trademark Law (3)

Trademark law is of increasing importance in the modern economy, and this course is designed to provide a comprehensive introduction to trademark law and its changing role in the modern economy. Specifically, the course will examine the theoretical underpinnings of the common-law, statutory, and treaty-based trademark regimes; the rules and strategies for selecting and protecting trade names, trademarks, service marks, trade dress, product configuration, and domain names.; the procedures for registering marks with the U.S. Patent and Trademark Office; and the intersection of trademarks and the law of competition. Throughout the course, we will consider how trademark law mediates the sometimes-competing interests of consumers and brand owners. The major topics are the creation and acquisition of trademark rights (distinctiveness, functionality, use, and registration) and the scope and enforcement of trademark rights (geographic limits, theories of trademark liability, permissible use, and false advertising), with additional attention to internet-related issues like domain name disputes and anti-cybersquatting laws.

Grading Restriction(s): numeric grading (law students); A-F grading (graduate students).

Registration Restriction(s): JD students only or with Instructor Permission.

Rationale: Expands curricular offerings in the area. Impact on other units: None expected. Financial impact: None expected.

Law 857 Wrongful Convictions Seminar (3)

Provides students with a contemporary overview and introduction to the literature and issues surrounding wrongful convictions. The seminar affords students with an understanding of the issues and laws implicated in investigating and challenging convictions. Serves as an intellectual peek into the wrongful convictions phenomenon. To understand how wrongful convictions may occur we study the current criminal litigation process, including cases and laws on the criminal litigation and post-conviction process. We will study the substantive causes of wrongful convictions and the procedural mechanisms that allow for the litigation of those claims.

Grading Restriction(s): numeric grading (law students); A-F grading (graduate students).

Registration Restriction(s): JD students only or with Instructor Permission.

Rationale: Expands curricular offerings in the area. Impact on other units: None expected. Financial impact: None expected.

II. PROGRAM CHANGES

➤ **DROP THE FOLLOWING MAJOR AND DEGREE**

Law, United States Business Law Major, LLM

Rationale: Attorney licensing rules in Tennessee made it substantially more difficult for students in this program (who received a degree in law in a foreign institution prior to receiving this LLM) to sit for the Tennessee Bar Exam. Because this was the primary market for the program, students were no longer interested in the program. After studying possible ways to change and revive the program, the faculty decided to end the program and focus expansion efforts on other programs. Financial Impact: None. Impact on other units: None. No student has been in the program since the 2016-2017 academic year. **Heather Hartman (SACSCOC liaison) has been notified.**

REVISE REQUIREMENTS, LAW MAJOR, JD

In the 2022-23 Graduate Catalog, under the Additional Course Requirements Heading, at the last bullet "Experiential courses" add the following courses:

- Law 868
- Law 869
- Law 965

In the 2022-23 Graduate Catalog, under the Additional Course Requirements Heading, at the third bullet "Perspective courses" add the following course:

- Law 931
- Law 960

Graduate Courses Not Taught in Four or More Years TO BE DROPPED FALL 2022

Note: *If courses are cross-listed and the primary course is dropped, the secondary course(s) will also be dropped.*

ACADEMIC DISCIPLINE	COURSE NUMBER AND TITLE	CROSS-LISTED COURSE	DROP EFFECTIVE FALL 2022		IF NO, DO NOT DROP COURSE WAS CHECKED IN PREVIOUS COLUMN, GIVE JUSTIFICATION FOR RETAINING	ON PREVIOUS LISTS	PRIOR RATIONALE(S)
			YES	NO			
HERBERT COLLEGE OF AGRICULTURE							
Agricultural Leadership, Education and Communications (ALEC)	529 Research Proposal Development		X				
Biosystems Engineering (BSE)	543 Instrumentation and Measurement		X				
Biosystems Engineering (BSE)	555 GIS and GPS Applications to Biosystems		X				
Wildlife and Fisheries Science (WFS)	545 Advanced Population Analysis		X			2020	Will be taught this year or next depending on student interest. The course is typically taught every other year but was not taught last cycle due to government shutdown.
COLLEGE OF Architecture and Design							
Landscape Architecture (LAR)	585 Design Theory and Methods II			X	Hope to teach in Fall 2022 when additional faculty is hired	Course last taught Fall 2015	
COLLEGE OF ARTS AND SCIENCES							
Anthropology (ANTH)	523 Anthropology of Genocide			X			

ACADEMIC DISCIPLINE	COURSE NUMBER AND TITLE	CROSS-LISTED COURSE	DROP EFFECTIVE FALL 2022		IF NO, DO NOT DROP COURSE WAS CHECKED IN PREVIOUS COLUMN, GIVE JUSTIFICATION FOR RETAINING	ON PREVIOUS LISTS	PRIOR RATIONALE(S)
			YES	NO			
Anthropology (ANTH)	552 Peopling of the Americas			X	Course is taught every 3 years. It was last taught Fall 2018.	Course last taught Fall 2015, with 5 enrolled in class	
Anthropology (ANTH)	583 Skeletal Biology			X	We haven't had enough bio faculty to teach 583, their responsibilities have primarily been teaching required undergrad courses with limited opportunity to teach grad courses. GR students have requested the course. We need to keep it on the books. Hopefully with the new faculty hire (recently posted position), we'll have enough faculty to be able to offer 583 again soon.		
Anthropology (ANTH)	586 Anthropological Genetics Last taught fall 2014			X	Also needs to stay in the catalog - for the same reason as ANTH 583 - but we anticipate 586 to be taught in Fall 2022 by Dr. Cabana.	2020 2019	Anticipate course to be taught again in Fall 2022 to accommodate the needs of a new graduate cohort of anthropological geneticists under the advisership of the course instructor, Dr. Cabana. Anticipated to be taught again within the next few years by Dr. Cabana. Please retain this course for 2020.
Biochemistry and Cellular and Molecular Biology (BCMB)	517 Physical Biochemistry			X		Course last taught Spring 2014	
Biochemistry and Cellular and Molecular Biology (BCMB)	564 Introduction to Electron Microscopy- Scanning Electron Microscope			X		Course last taught Fall 2015	
Chemistry (CHEM)	581 Radiation Measurements Laboratory	Secondary course. Primary course is: Nuclear Engr 550		X		Course last taught Spring 2015	

ACADEMIC DISCIPLINE	COURSE NUMBER AND TITLE	CROSS-LISTED COURSE	DROP EFFECTIVE FALL 2022		IF NO, DO NOT DROP COURSE WAS CHECKED IN PREVIOUS COLUMN, GIVE JUSTIFICATION FOR RETAINING	ON PREVIOUS LISTS	PRIOR RATIONALE(S)
			YES	NO			
Ecology and Evolutionary Biology (EEB)	543 Aquatic Insects		X				
Ecology and Evolutionary Biology (EEB)	581 Mathematical Biology I	Secondary course. Primary course is: Mathematics 581 (MATH has 17 enrolled for fall)		X	Course should be retained because it is cross-listed with Math 581, which many students in EEB have frequently and recently taken.		
Ecology and Evolutionary Biology (EEB)	582 Mathematical Biology II	Secondary course. Primary course is: MATH 582 (MATH has 0 enrolled for fall)		X	Course should be retained because it is cross-listed with Math 582, which many students in EEB have frequently and recently taken.	2020	Course should be retained because it is cross-listed with Math 582, which many students in EEB have frequently and recently taken.
Ecology and Evolutionary Biology (EEB)	583 Advanced Biogeography		X				
French (FREN)	520 French and Francophone Film			X	FREN 520 will be taught in spring 2022		
French (FREN)	570 French and Francophone Literature and Culture I			X	FREN 570 will be offered in 2022-2023.	2020	French 570 has not been offered in more than 4 years due to lack of staffing. It will be taught during the 2021-22 academic year.
Geology (GEOL)	501 Fractal Models in Earth Sciences			X			
Geology (GEOL)	505 Appalachian Tectonics			X			

ACADEMIC DISCIPLINE	COURSE NUMBER AND TITLE	CROSS-LISTED COURSE	DROP EFFECTIVE FALL 2022		IF NO, DO NOT DROP COURSE WAS CHECKED IN PREVIOUS COLUMN, GIVE JUSTIFICATION FOR RETAINING	ON PREVIOUS LISTS	PRIOR RATIONALE(S)
			YES	NO			
Geology (GEOL)	551 Planetary Geomorphology			X	Please retain as we have new faculty hires that may be interested in teaching this course.		
Geology (GEOL)	568 Geochemical Analysis			X	Please retain. We have a recent hire that is likely to teach this course.		
Geology (GEOL)	584 Planetary Geodynamics			X	Please retain. We have a recent hire that is likely to teach this course.		
German (GERM)	554 The Long Nineteenth Century			X	Will be offered in spring 2022		
Mathematics (MATH)	516 Analytical Applied Mathematics II		X				
Mathematics (MATH)	537 Mathematical Principles of Continuum Mechanics I			X	537-8 was merged in F2018 with 513-4, which ran in 17-18 with an enrollment of 13. The combined, new 537 is on a 2-yr rotation, and will be offered for the 1 st time in Fall 2022.		
Mathematics (MATH)	661 Modern Topology I			X	Main 600-level sequence for Topology PhD students. 661 is on a two-year rotation, will be offered in F22, when a new faculty member in this area will join the department (search ongoing).		
Mathematics (MATH)	662 Modern Topology II			X	Main 600-level sequence for Topology PhD students. 661 is on a two-year rotation, will be offered in F22, when a new faculty member in this area will join the department (search ongoing).		
Physics (PHYS)	506 Experimental Methods		X				

ACADEMIC DISCIPLINE	COURSE NUMBER AND TITLE	CROSS-LISTED COURSE	DROP EFFECTIVE FALL 2022		IF NO, DO NOT DROP COURSE WAS CHECKED IN PREVIOUS COLUMN, GIVE JUSTIFICATION FOR RETAINING	ON PREVIOUS LISTS	PRIOR RATIONALE(S)
			YES	NO			
Physics (PHYS)	507 Contemporary Optics		X				
Sociology (SOCI)	533 Philosophy of Social Science			X	Will be taught in Summer 2022 or 2023.		
Sociology (SOCI)	562 Sociology of Environmental Policy		X				
Sociology (SOCI)	644 Political Sociology			X	We will teach it in Fall 2022. One of the regular instructors of Soci 644 previously had a limited teaching rotation as Head, but will resume regular rotation of the course.		
Theatre (THEA)	554 Advanced Drafting for the Theatre			X	We have incorporated the content of this course into other graduate courses dealing with presentation of design work, but don't want to go so far as to drop the course due to concerns that it might effect NAST Accreditation in the short term.		
HASLAM COLLEGE OF BUSINESS							
Business Analytics (BZAN)	610 Probability and Stochastic Processes	Primary course. Secondary course is: STAT 610 (STAT 610 has no enrollment)		X	610 is a required course is our PhD program and will be taught fall 2022.	2020	We are in the process of redesigning our PhD program, which has not admitted a student in the last 2 years. The new design is planned for launch in fall 2021, when we plan to welcome an incoming class of new PhD students. My current plan is that this course will be offered in fall 2021, although I will probably be requesting updates to the name and/or description once our program is active.

ACADEMIC DISCIPLINE	COURSE NUMBER AND TITLE	CROSS-LISTED COURSE	DROP EFFECTIVE FALL 2022		IF NO, DO NOT DROP COURSE WAS CHECKED IN PREVIOUS COLUMN, GIVE JUSTIFICATION FOR RETAINING	ON PREVIOUS LISTS	PRIOR RATIONALE(S)
			YES	NO			
Business Analytics (BZAN)	620 Prescriptive Analytics			X	620 is a required course is our PhD program and will be taught fall 2022.	Course last taught Fall 2015	
Entrepreneurship (ENT)	560 Monetization of Technology Enabled Social Media		X				
Information Management (INMT)	546 Business Application Logic and Tools			X	546 should be retained. We made a change to the curriculum to allow MAcc students to pick INMT 546 as an elective. We have about 13 students that will be enrolling for INMT 546 this spring.		
Marketing (MARK)	535 Projects in Marketing Research		X				
Statistics (STAT)	532 Survey of Statistical Methods II		X				
Supply Chain Management (SCM)	623 Analytical Research Methods		X				
COLLEGE OF COMMUNICATION AND INFORMATION							
Communication and Information (CCI)	653 Contemporary Issues in Law, Policy, and Ethics in Communication and Information			X	CCI has done due diligence and offered CCI 653 in spring 2021, but it did not make – due to a low enrollment. We intend to offer it again for spring 2023		
Information Sciences (INSC)	535 Advanced Information Retrieval			X	Course description was revised fall 2021 and is listed on curriculum plan for future scheduling.		

ACADEMIC DISCIPLINE	COURSE NUMBER AND TITLE	CROSS-LISTED COURSE	DROP EFFECTIVE FALL 2022		IF NO, DO NOT DROP COURSE WAS CHECKED IN PREVIOUS COLUMN, GIVE JUSTIFICATION FOR RETAINING	ON PREVIOUS LISTS	PRIOR RATIONALE(S)
			YES	NO			
Information Sciences (INSC)	546 Environmental Informatics			X	Course description was revised fall 2021 and is listed on curriculum plan for future scheduling.		
Information Sciences (INSC)	548 Federal Libraries and Information Centers			X	This was a popular course that provided our students with unique opportunities not available through any other course in the MSIS Program. We plan to offer it in Summer 2022.	2020 2019	SIS faculty voted to retain this course and refocus it on guest lectures rather than in-person visits to DC libraries. We place many graduates in federal libraries, so it is an important course to retain. The previous instructor retired and a new instructor will be assigned AY2020-2022. SIS faculty will discuss the future of this course during this academic year. Course has not been offered in a number of years due to past low enrollment. Course will be re-evaluated in the context of new program pathways and foci.
Information Sciences (INSC)	587 Mining the Web			X	Course description was revised fall 2021 and is listed on curriculum plan for future scheduling.	Course last taught Fall 2014	
COLLEGE OF EDUCATION, HEALTH, AND HUMAN SCIENCES							
Child and Family Studies (CFS)	515 Children in Contemporary Society			X			
Counselor Education (COUN)	566 Theories of Family Therapy			X		2020 2019	While we have not had the labor time to teach 566, we do have student demand for it. Therefore, I would like to keep it in hopes of creating the capacity to teach it in the near future. While we have not had the labor time to teach 566, we do have student demand for it. Therefore, I would like to keep it in hopes of creating the capacity to teach it in the near future.

ACADEMIC DISCIPLINE	COURSE NUMBER AND TITLE	CROSS-LISTED COURSE	DROP EFFECTIVE FALL 2022		IF NO, DO NOT DROP COURSE WAS CHECKED IN PREVIOUS COLUMN, GIVE JUSTIFICATION FOR RETAINING	ON PREVIOUS LISTS	PRIOR RATIONALE(S)
			YES	NO			
Educational Administration (EDAM)	608 Development of and Current Issues in Educational Administration			X	The EdD program is in its second year of operation. This course is one of the specialization courses in this new program. This course will next be offered in summer 2022.	Course last taught Fall 2013	
Instructional Technology (IT)	575 The Internet: Implications for Teaching and Learning			X	We have two faculty positions unfilled in this subject area. Therefore, there is great uncertainty in program directions and the curriculum may shift as new faculty are hired. Thus, I would like to keep 575 for at least another year, until curricular adjustments settle out.	2020 2019	We have two faculty positions unfilled in this subject area. Therefore, there is great uncertainty in program directions and the curriculum may shift as new faculty are hired. Thus, I would like to keep 575 for at least another year, until curricular adjustments settle out. We have two faculty positions unfilled in this subject area. Therefore, there is great uncertainty in program directions and the curriculum may shift as new faculty are hired. Thus, I would like to keep 575 for at least another year, until curricular adjustments settle out.
Instructional Technology (IT)	681 Design Problems in Learning Environments			X	We have two faculty positions unfilled in this subject area. Therefore, there is great uncertainty in program directions and the curriculum may shift as new faculty are hired. Thus, I would like to keep 681 for at least another year, until curricular adjustments settle out.		
Kinesiology (KNS)	515 Qualitative Biomechanical Analysis of Movement		X				
Kinesiology (KNS)	536 Expert Performance in Sports		X				

ACADEMIC DISCIPLINE	COURSE NUMBER AND TITLE	CROSS-LISTED COURSE	DROP EFFECTIVE FALL 2022		IF NO, DO NOT DROP COURSE WAS CHECKED IN PREVIOUS COLUMN, GIVE JUSTIFICATION FOR RETAINING	ON PREVIOUS LISTS	PRIOR RATIONALE(S)
			YES	NO			
Kinesiology (KNS)	569 Clinical Exercise Physiology		X			2020	We are currently undergoing a review of our graduate curriculum and have an academic program review scheduled in Spring 2021. I would like to keep 569 for another year before making a decision to retain or drop it.
Public Health (PUBH)	560 Physical Activity and Positive Health		X				
Education of the Deaf and Hard of Hearing (EDDE)	504 Clinical Experience in Teaching and Supervision of Exceptional Children			X	We rarely have students in the Ed Studies Concentration with Deaf Education Specialization, but when we do (for those "adding on" licensure in Deaf Ed or for those on a non-licensure track), students will need this class.		
Education of the Deaf and Hard of Hearing (EDDE)	602 Reading and Applying Research for Diverse Learners: Group and Correlational Approaches	Secondary course. Primary course is: Special Ed 602 (SPED 602, also on list, with no enrollment for fall)		X	EDDE just received a new doctoral training grant so they will be bringing back 602 for that grant as early as Spring 2022.		
Education of the Deaf and Hard of Hearing (EDDE)	605 Reading and Applying Research for Diverse Learners: Secondary Data Analyses	Secondary course. Primary course is: Special Ed 605 (SPED 605, also on list, with no enrollment for fall)	X				
Elementary Education (ELED)	524 Teaching for Creative Thinking and Expression		X				
Elementary Education (ELED)	527 Elementary School Curriculum		X				

ACADEMIC DISCIPLINE	COURSE NUMBER AND TITLE	CROSS-LISTED COURSE	DROP EFFECTIVE FALL 2022		IF NO, DO NOT DROP COURSE WAS CHECKED IN PREVIOUS COLUMN, GIVE JUSTIFICATION FOR RETAINING	ON PREVIOUS LISTS	PRIOR RATIONALE(S)
			YES	NO			
Science Education (SCED)	596 Curriculum Trends in Science Education			X	A core course required for doctoral students and educational studies students. We could not offer course because we have not had numbers. We hope to offer 596 soon as our numbers across all programs pick up again.		
Science Education (SCED)	696 Research Trends in Science Education			X	A required doctoral seminar for science education students. Two of our current students will need this course next year.		
Special Education (SPED)	602 Reading and Applying Research for Diverse Learners: Group and Correlational Approaches	Primary course. Secondary course: EDDE 602 (EDDE 602, also on list, with no enrollment for fall)		X	SPED currently has students enrolled in their program who need to take the course. Will be offered Fall 2022.		
Special Education (SPED)	605 Reading and Applying Research for Diverse Learners: Secondary Data Analyses	Primary course. Secondary course: EDDE 605 (EDDE 605 has never been taught)		X			
TICKLE COLLEGE OF ENGINEERING							
Civil Engineering (CE)	525 Pavement Materials Characterization			X	We will teach this course during summer 2022		
Civil Engineering (CE)	674 Behavior of Reinforced Concrete Beams and Slabs			X			
Environmental Engineering (ENVE)	516 Watershed Monitoring and Assessment			X	We will teach this course during summer 2022		

ACADEMIC DISCIPLINE	COURSE NUMBER AND TITLE	CROSS-LISTED COURSE	DROP EFFECTIVE FALL 2022		IF NO, DO NOT DROP COURSE WAS CHECKED IN PREVIOUS COLUMN, GIVE JUSTIFICATION FOR RETAINING	ON PREVIOUS LISTS	PRIOR RATIONALE(S)
			YES	NO			
Environmental Engineering (ENVE)	530 Urban Hydrology and Stormwater Engineering		X				
Environmental Engineering (ENVE)	544 Advanced GIS Applications for Hydrology			X	We would like to wait one additional year to re-evaluate whether to keep 544. We have a faculty search on-going and this could be a course that the new faculty member would want to teach.		
Environmental Engineering (ENVE)	562 Three Dimensional Climate Modeling			X	We currently have a search for two ENVE faculty members. It is possible that one of them will have interest in teaching 562, and it would be a valuable course to offer our students.	2020 2019	562 remains strategically important to support potential system-level partnership with NOAA. If we cannot identify an adjunct, we will teach it internally. 562 is strategically important to support system-level partnership with NOAA. We are attempting to identify an adjunct to teach it in a forthcoming semester, aiming for Fall 2020.
Environmental Engineering (ENVE)	653 Pollutant Fate Modeling and Risk Assessment			X	We will offer this course Summer of 2022.		
Environmental Engineering (ENVE)	655 Environmental Systems Biology			X	We will offer this course Summer of 2023.		
Environmental Engineering (ENVE)	671 Advanced Concepts of Air Pollution Engineering			X	671 is strategically important to our air quality program in Environmental Engineering. He will teach it Spring of 2023.	2020	671 is strategically important to our air quality program in Environmental Engineering and potential system-level partnership with NOAA. Course offering cycle has been delayed by Dr. Fu's 2019 Faculty Development Leave.

ACADEMIC DISCIPLINE	COURSE NUMBER AND TITLE	CROSS-LISTED COURSE	DROP EFFECTIVE FALL 2022		IF NO, DO NOT DROP COURSE WAS CHECKED IN PREVIOUS COLUMN, GIVE JUSTIFICATION FOR RETAINING	ON PREVIOUS LISTS	PRIOR RATIONALE(S)
			YES	NO			
Chemical and Biomolecular Engineering (CBE)	631 Statistical Mechanics		X			2020 2019	Course was intended to be offered Fall 2020, but the needed instructor was not available. We have ~5-10 PhD students that need this material for their dissertation research at any given time, and we intend to offer 631 Fall 2021 and plan for a 2-3 year cycle thereafter. We have ~5-10 PhD students that need this material for their dissertation research at any given time. We will offer 631 Fall 20 and plan for a 2-3 year cycle thereafter.
Computer Science (COSC)	529 Autonomous Mobile Robots			X	Course hasn't been offered due to faculty taking leaves and being assigned to other new courses required for the new graduate certificate and undergraduate minors in areas of machine learning and artificial intelligence. Dept will have new hires in this area that will take up the teaching in the near future. Hence, we'd like to keep this course in the catalog.		
Computer Science (COSC)	554 Markov Chains in Computer Science		X				
Computer Science (COSC)	557 Visualization			X	Data visualization is a key component of data science. COSC 557 has also been included as a potential course offering in the online MS concentrations for computer science. We have recently hired multiple new instructors to support these concentrations, and expect to offer COSC 557 in the next year.	2020	557 will become an elective courses for students interested in machine learning and data science. In the past, due to faculty shortage and enrollment, we were not able to offer it regularly. We have since rallied collaborators from ORNL and will advertise in the department to improve the enrollment.

ACADEMIC DISCIPLINE	COURSE NUMBER AND TITLE	CROSS-LISTED COURSE	DROP EFFECTIVE FALL 2022		IF NO, DO NOT DROP COURSE WAS CHECKED IN PREVIOUS COLUMN, GIVE JUSTIFICATION FOR RETAINING	ON PREVIOUS LISTS	PRIOR RATIONALE(S)
			YES	NO			
Electrical and Computer Engineering (ECE)	506 Real-time Digital Signal Processing			X	Due to instructors being pulled to teach junior-level required courses, this course, as elective, hasn't been offered for a few years. However, since the department just hired a lecturer in F21 to help teach the required courses, we anticipate this course to be offered in the AY22-23.	2020 2019	506 is an essential component of any ECE program, but we have not had sufficient instructors to offer it in recent years. With recent hires in this area, we intend to offer it in the next one or two years. This is an important course for EE and CPE students with concentration in real-time systems. The previous instructor has not been able to teach it due to other teaching commitments. Recent faculty hires in CPE and EE will allow us to offer the course again in the near future.
Electrical and Computer Engineering (ECE)	611 Convex Optimization			X	ECE 611 is an essential course in the areas of communications and signal processing. The primary instructor of ECE 611 expects to offer it in the next academic year.		
Electrical and Computer Engineering (ECE)	642 Wireless Communications			X	ECE 642 is an essential course in the areas of communications and signal processing. The primary instructor of ECE 642 expects to offer it in the next academic year.		
Electrical and Computer Engineering (ECE)	681 Power Electronics Technologies I		X				
Aerospace Engineering (AE)	522 Aerodynamics of Compressible Fluids			X	Dr. Acharya would like to teach this course. Tentatively planned to have this course taught in AY 2022-2023.	2020	Our AE faculty is currently considering restructuring this course to better meet the needs of our students. Please do not drop.
Aerospace Engineering (AE)	542 Fluid Mechanics II	Secondary course. Primary course is: Mech Engr 542 (ME 542, also on list, with no enrollment for fall or spring)		X	Dr. Zhao will teach this class Fall 2022.		

ACADEMIC DISCIPLINE	COURSE NUMBER AND TITLE	CROSS-LISTED COURSE	DROP EFFECTIVE FALL 2022		IF NO, DO NOT DROP COURSE WAS CHECKED IN PREVIOUS COLUMN, GIVE JUSTIFICATION FOR RETAINING	ON PREVIOUS LISTS	PRIOR RATIONALE(S)
			YES	NO			
Aerospace Engineering (AE)	644 Theory of Turbulence	Secondary course. Last taught 2015 Primary course is: Mech Engr 644 (also on list with no enrollment)		X	Dr. Acharya would like to teach this course, including compressible turbulence topics. Tentatively planned to have this course taught in AY 2022-2023		
Aerospace Engineering (AE)	681 Advanced Viscous Flow Theory			X	Dr. Coder is teaching this class Spring 2022.	2020	One of our Assistant Professors (Dr. Coder) will teach this class as a follow-on to one of his 500-level class. Please do not drop.
Aerospace Engineering (AE)	682 Rocket Propulsion II			X	Several new faculty are available to teach this course. Tentatively planned to have this course taught in AY 2022-2023		
Mechanical Engineering (ME)	522 Thermodynamics II			X	Dr. Zhao is teaching this class Spring 2022.		
Mechanical Engineering (ME)	542 Fluid Mechanics II			X	Dr. Zhao is teaching this class Fall 2022.		
Mechanical Engineering (ME)	564 Engineering Optics and Microscopy		X				

ACADEMIC DISCIPLINE	COURSE NUMBER AND TITLE	CROSS-LISTED COURSE	DROP EFFECTIVE FALL 2022		IF NO, DO NOT DROP COURSE WAS CHECKED IN PREVIOUS COLUMN, GIVE JUSTIFICATION FOR RETAINING	ON PREVIOUS LISTS	PRIOR RATIONALE(S)
			YES	NO			
Mechanical Engineering (ME)	631 Advanced Biomechanics II	<p>Secondary course ME 631 last taught Fall 2011</p> <p>Primary course is: BME 631 BME course was taught Sp 2021</p>	X	✕	<p>This class will continue to be offered by Dr. LaCour and the prerequisite course ME 531 had recent enrollments.</p> <p>Tentatively planned to have this course taught in AY 2022-2023.</p> <p>Curriculum Committee voted to DROP ME 631 as this is a secondary course that has not been taught in 10 years. Department will be notified that ME 631 was voted to DROP.</p> <p>The department is invited to the next Graduate Council meeting on November 18 to communicate why this secondary course that has not been taught in 10 years is needed and to indicate the semester it will be taught.</p> <p>10-22-21 Email sent to dept to communicate Curriculum Committee decision and to invite department to attend next GC meeting to present rationale for retaining ME 631</p> <p>Department response from email: they are fine with decision to drop course.</p>	2020 2019 2018 2017 2016	<p>The course is being offered for Spring 2021 and will be taught by Dr. Michael LaCour. We expect 5-6 enrollments.</p> <p>Dr. Komistek normally teaches this course every 3 years. The previous time he taught it, it was inadvertently offered as a Special Topics course. It will be offered in Spring 2021.</p> <p>Our faculty taught this course 2 years ago. However, due to some mistake it was offered as a Special Topics course instead. We continue to teach it regularly.</p> <p>This course is regularly taught but was inadvertently offered as a special topics course in the past two years. We would like to continue to teach it and keep it in the catalog.</p> <p>The BME version of the course is taught regularly and we would like to continue to cross-list the ME version for ME PhD students.</p>
Mechanical Engineering (ME)	644 Theory of Turbulence	<p>Primary course. Last taught 2015</p> <p>Secondary course: Aersp Engr 644, also appears on this report</p>		X	<p>Dr. Acharya would like to teach this course, including compressible turbulence topics. Tentatively planned to have this course taught in AY 2022-2023.</p>		
Mechanical Engineering (ME)	647 Nonlinear Control Systems			X	<p>This class will continue to be taught by Dr. Rucker. Tentatively planned to have this course taught in AY 2022-2023.</p>		
Mechanical Engineering (ME)	686 Human-Robot Systems			X	<p>This class will be taught Spring 2022.</p>	2020	<p>Course will be offered in Spring 2021 by Prof. Hamel.</p>

ACADEMIC DISCIPLINE	COURSE NUMBER AND TITLE	CROSS-LISTED COURSE	DROP EFFECTIVE FALL 2022		IF NO, DO NOT DROP COURSE WAS CHECKED IN PREVIOUS COLUMN, GIVE JUSTIFICATION FOR RETAINING	ON PREVIOUS LISTS	PRIOR RATIONALE(S)
			YES	NO			
Materials Science and Engineering (MSE)	516 Fundamentals of Plastic Deformation Course was last taught fall 2013		X			2020	We have a new Governor's Chair (Easo George) and a new junior faculty (Eric Lass) and plan to fill a new position in structural materials, thus with new emphasis would like to keep this course. Additional hire is Orlando Rios, who may also have students interested in this course. <u>Course is planned to be taught in Spring 2021.</u>
						2019	We have a new Governor's Chair (Easo George) and a new junior faculty (Eric Lass) and plan to fill a new position in structural materials, thus with new emphasis would like to keep this course.
						2018	Course is planned to be taught Sp 2020.
Materials Science and Engineering (MSE)	532 Metallurgy of Deformation and Fracture			X	Since course was last taught in spring 2017, there are quite a few retirements and new hires in the specialty related to this course. We are arranging to find out the appropriate faculty to teach this in AY 2022-2023		
Materials Science and Engineering (MSE)	540 Basic Polymer Chemistry			X	The previous responsible faculty left UT in 2017. The department is actively working on new hires and strategical planning in this area of studies (i.e., polymer science). It is now tentatively planned to have this course taught in AY 2022-2023.		
Materials Science and Engineering (MSE)	552 Laboratory Methods in Polymer Engineering			X	The previous responsible faculty left UT in 2017. The department is actively working on new hires and strategical planning in this area of studies (i.e., polymer science). It is now tentatively planned to have this course taught in AY 2022-2023.		

ACADEMIC DISCIPLINE	COURSE NUMBER AND TITLE	CROSS-LISTED COURSE	DROP EFFECTIVE FALL 2022		IF NO, DO NOT DROP COURSE WAS CHECKED IN PREVIOUS COLUMN, GIVE JUSTIFICATION FOR RETAINING	ON PREVIOUS LISTS	PRIOR RATIONALE(S)
			YES	NO			
Nuclear Engineering (NE)	534 Physical Security Vulnerability Assessment			X	This course has been taught through state department funding, we are strategizing on how to teach this again and may search for a new faculty.		
Nuclear Engineering (NE)	536 Export Control and Nonproliferation			X	This course has been taught through state department funding, we are strategizing on how to teach this again and may search for a new faculty.	Course last taught fall 2014	
Nuclear Engineering (NE)	537 Human Reliability in Nuclear Systems		X				
Nuclear Engineering (NE)	640 Nuclear Cross Section Modeling		X				
Nuclear Engineering (NE)	641 Charged Particle Transport Methods		X				
INTERCOLLEGIATE							
Comparative and Experimental Medicine (CEM)	650 Surgical Pathology		X				
Intercollegiate							
Aviation Systems (AVSY)	506 Aircraft Design		X		Per Dr. Trevor Moeller (UTSI) – DROP course AVSY 506.		
COLLEGE OF LAW							
Law (LAW)	879 Law and Economics		X			Course last taught fall 2014	

ACADEMIC DISCIPLINE	COURSE NUMBER AND TITLE	CROSS-LISTED COURSE	DROP EFFECTIVE FALL 2022		IF NO, DO NOT DROP COURSE WAS CHECKED IN PREVIOUS COLUMN, GIVE JUSTIFICATION FOR RETAINING	ON PREVIOUS LISTS	PRIOR RATIONALE(S)
			YES	NO			
Law (LAW)	887 International Business Transactions			X	We have been understaffed in business law and are currently searching for a new business law professor who may be interested in teaching this course. We would like to retain the course for another year in order to make that determination.		
Law (LAW)	904 Construction Law: Cases and Studies		X				
Law (LAW)	907 Immigration Law Clinic		X				
Law (LAW)	910 Non-Profit Corporations			X	We have been understaffed in business law and are currently searching for a new business law professor who may be interested in teaching this course. We would like to retain the course for another year in order to make that determination.	Course last taught fall 2015	
Law (LAW)	923 Complex Litigation			X	We offered 923 in Spring 2021, but it was cancelled based on insufficient student interest at that time. But it is a class that we list on our master schedule as available in spring 2023 and we plan to teach it at that time.		
Law (LAW)	930 Ediscovery			X	The professor who teaches this class is the Associate Dean for Academic Affairs and has been unable to teach it as a result. This course will be offered in Spring 2022 with an adjunct professor.		
COLLEGE OF NURSING							
Nursing (NURS)	578 Technology in Health Professions Education		X			Course last taught summer 2015	

ACADEMIC DISCIPLINE	COURSE NUMBER AND TITLE	CROSS-LISTED COURSE	DROP EFFECTIVE FALL 2022		IF NO, DO NOT DROP COURSE WAS CHECKED IN PREVIOUS COLUMN, GIVE JUSTIFICATION FOR RETAINING	ON PREVIOUS LISTS	PRIOR RATIONALE(S)
			YES	NO			
COLLEGE OF VETERINARY MEDICINE							
Veterinary Medicine (VMD)	833 Epidemiology and Evidence-Based Medicine				We will be dropping these courses in our December Curriculum proposal.		
Veterinary Medicine (VMD)	849 One Health				We will be dropping these courses in our December Curriculum proposal		

Shading significance and guidelines:

TAN = courses department chose to DROP. Committee will vote to DROP those courses.

GREEN = on the report for the first time and gave justification for retaining. Committee will vote to retain/keep courses.

YELLOW = on the report for a second time and gave justification for retaining. Committee will vote to retain courses.

NO SHADING: on the report 3 or more times, gave justification to retain. Need to review courses separately to determine if rationale is justified or if Curriculum Committee should vote to DROP the course.

Course totals originally on the report

- 114 courses on the report
 - 43 courses marked to DROP
 - 69 courses marked to RETAIN
 - 2 courses removed (grayed out) as unit is submitting proposal in December to drop the courses.

From the October 14 Graduate Curriculum meeting, the Committee (after discussion) voted and approved to DROP course ME 631 (which was marked to retain). This is a secondary course that has not been taught in 10 years. The report now shows the following numbers.

Course totals after the meeting

- 114 courses on the report
 - 44 courses marked to DROP
 - 68 courses marked to RETAIN
 - 2 courses removed (grayed out) as unit is submitting proposal in December to drop the courses.

NOTE: 400-level undergraduate courses (approved for graduate credit) listed on the Undergraduate Courses Not Taught in 4 or More Years List to be dropped will also be dropped from the Graduate Catalog.