

**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. Dropped major and degree: Law (United States Business Law) major, LLM degree
 - 2. Revised 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, 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: Email 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 MSE 516.**

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.

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

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

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			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	

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			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			

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			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				

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			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.

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			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.		

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			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.

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			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				

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			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				

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			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		

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			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.

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			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.		

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			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				

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			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</p> <p>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 if they want to present reasons for retaining the 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: Aerosp 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>

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			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.		

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			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	

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			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	

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			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.