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### Curriculum Committee Report - October 18, 2012

Graduate Council

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**Graduate Curriculum Committee Report**  
**Law Library, 4<sup>th</sup> Floor, Rare Books Room**  
**Thursday, October 18, 2012**

Members present: Sibyl Marshall (Chair), Ernest Bernard, Eric Boder, Ralph Brockett, Daniel Feller, Leslee Fisher, Robert Fuller, Sarah Potter (Proxy for Alexandra Brewer, Graduate Student Senate), Rebecca Prosser, Marlys Staudt, Jeannine Studer, Christian Vossler, Scott Wall, Candace White, Kay Reed, Catherine Cox, Cheryl Norris.

Representatives from Colleges: James Brace, R.J. Hinde, Dixie Thompson.

The meeting was called to order by Sibyl Marshall, Chair, at 3:45 p.m.

The following colleges submitted curriculum proposals:

College of Arts and Sciences

- Course changes – added 4 courses, dropped 1 course, revised 9 courses.
- Program changes – revised History major, PhD and added 2 certificates:  
Disasters, Displacement, and Human Rights - from Department of Anthropology.  
Africana Studies - from Interdisciplinary Programs.

College of Social Work

- Drop concentration: Evidence-based Management, Leadership and Community Practice.
- Add concentration: Management, Leadership and Community Practice.

College of Veterinary Medicine

- Added 1 course, dropped 1 course, revised 24 courses.

Intercollegiate: Aviation Systems

- Course changes – added 3 courses, revised 2 courses.
- Program changes – revised Aviation Systems major, MS, non-thesis option requirement.

Courses Not Taught in 4 or More Years Report

The report lists 67 courses. After review and discussion of the justification to retain the course, it was determined that some of the justifications did not indicate a concrete plan as to when the course would be offered. Consequently, the Committee voted to drop 9 courses that were marked to retain. With this vote, the report shows 31 courses to be dropped and 36 courses to retain.

The Curriculum Committee approved the above proposals and is presented for recommendation to the Graduate Council. The meeting was adjourned at 4:30.

The next meeting is January 17, 2013. Agenda items for the January meeting are due December 1.

# COLLEGE OF ARTS AND SCIENCES

All changes effective fall 2013

## PART I: COURSE CHANGES

### DEPARTMENT OF ANTHROPOLOGY

#### Anthropology (ANTH)

ADD NEW 400-LEVEL COURSES FOR GRADUATE CREDIT

**ANTH 420 – Disasters (3)** Examines how anthropological approaches and research can play a vital role in disaster prevention, preparedness, and response using communities in crisis as our foci of discussion. Will examine the topic of disasters from both an analytical and case studies approach.

(RE) Prerequisite(s): 130 or 137.

**ANTH 421 – Refugee and Migrant Children (3)** Examines the most relevant issues facing refugee and migrant children worldwide from socio-cultural and human rights perspectives. Topics to be discussed include the theory, methods and ethics of research with refugee and migrant children, the international legal framework, the role of culture, refugee movements and internal displacement, children as labor migrants, child soldiers, unaccompanied minors, children in disasters, and human trafficking.

(RE) Prerequisite(s): 130 or 137.

**ANTH 489 – Forensic Science and Human Rights (3)** Overview of the intersection of forensic science and human rights, emphasizing forensic anthropologists' role in human rights investigations. Practical, ethical, and theoretical implications of scientific work in the human rights arena. Special topics and in-depth case studies illustrating the complexity of human rights oriented forensic science work.

(RE) Prerequisite(s): 110 or 117, 419.

Rationale: Adding as core and elective courses for the proposed Disasters, Displacement and Human Rights undergraduate concentration and graduate certificate. Impact on other units: None. Financial impact: None.

DROP

#### ANTH 612 – Anthropology of Disasters (3)

Rationale: Course is being replaced by ANTH 420 which will serve as a core course in the DDHR Graduate Certificate and UG concentration.

Equivalency Chart

Current Course	Equivalent Course Effective Fall 2013
ANTH 612	ANTH 420

### SCHOOL OF ART

#### Art Four-Dimensional Arts (ARTC)

REVISE TITLE (PRIMARY CROSS-LIST)

**ARTC 435 – Digital Media and 16mm Film as Art (4)** Cross-listed: (Same as Cinema Studies 435.)

#### Art Design/Graphic (ARTD)

REVISE (RE) PREREQUISITE

**ARTD 405 – Computer Enhanced Graphic Design (3)**

(RE) Prerequisite(s): 251 and 350

**ARTD 456 – Graphic Design Practicum (1-12)**

(RE) Prerequisite(s): 351 and 400

## DEPARTMENT OF EARTH AND PLANETARY SCIENCES

### Geology (GEOL)

ADD

**GEOL 651 – Seminar in Geomorphology (3)** Discussion of current and classical literature in geomorphology. Topics vary.

*Repeatability: May be repeated. Maximum 9 hours.*

*Registration Restriction(s): Minimum student level – graduate.*

*Registration Permission: Consent of instructor.*

Rationale: Last year the seminar in geomorphology course was dropped by the Council because it had not been taught in many years. A new faculty member has been hired whose primary discipline is in planetary geomorphology. She requests that a seminar in geomorphology be back on the books for planned courses that have a decidedly “terrestrial” bent and are thus not appropriate to be placed under the seminar in planetary geomorphology. Although generically named (to be consistent with all of our graduate seminar courses), this is a new faculty member with different expertise within the discipline of geomorphology and the course will focus largely on current topical literature, thereby effectively making this a new course. Impact on other units: None. Financial impact: None.

## DEPARTMENT OF ENGLISH

### English (ENGL)

REVISE REPEATABILITY

**ENGL 588 – Special Topics in History of Rhetoric, Writing, and Linguistics (3)**

*Repeatability: May be repeated. Maximum 9 hours.*

Formerly: Maximum 6 hours.

**ENGL 589 – Special Topics in Language (3)**

*Repeatability: May be repeated. Maximum 9 hours.*

Formerly: Maximum 6 hours.

**ENGL 680 – Advanced Studies in Rhetoric, Writing, and Linguistics (3)**

*Repeatability: May be repeated. Maximum 9 hours.*

Formerly: Maximum 6 hours.

## INTERDISCIPLINARY PROGRAMS

### Cinema Studies

REVISE TITLE (SECONDARY CROSS-LIST)

**CNST 435 – Digital Media and 16mm Film as Art (3)**

Primary is: Art Four-Dimensional Arts (ARTC) 435.

## INTERDISCIPLINARY PROGRAMS - LIFE SCIENCES

### Life Sciences (LFSC)

REVISE TITLE AND HOURS

**LFSC 507 – Programming for Biological Data Analysis (3)**

Formerly: Bioinformatics and Computational Biology; 1-3 Hours.

## DEPARTMENT OF MICROBIOLOGY

REVISE TO REMOVE (DE) COREQUISITE

**MICR 430 – Immunology (3)**

## PART II: PROGRAM CHANGES

### DEPARTMENT OF ANTHROPOLOGY

#### ➤ ADD GRADUATE CERTIFICATE – DISASTERS, DISPLACEMENT, AND HUMAN RIGHTS

In the 2013-14 *Graduate Catalog* add certificate and text.

##### **Disasters, Displacement, and Human Rights Graduate Certificate**

The graduate certificate in Disasters, Displacement and Human Rights (DDHR) is intended for currently admitted graduate wishing to develop specialized knowledge and research skills in the anthropological study of natural and unnatural disasters and humanitarian crises, forced migration, and human rights investigations, policies, practices, and norms. Candidates must complete an application and 18 hours of coursework, taken for graduate credit. These hours, which may be used towards Anthropology graduate requirements, include the following:

##### **Required (9 hours)**

ANTH 419 - Anthropology of Human Rights; ANTH 420 - Disasters; ANTH 489 - Forensic Science and Human Rights

##### **Electives (choose three - 9 hours)**

ANTH 414 - Political Anthropology; ANTH 415 - Environmental Anthropology; ANTH 421 - Refugee and Migrant Children; ANTH 432 - Anthropology of Warfare and Violence; ANTH 454 - Archaeology of the African Diaspora; ANTH 523 - Anthropology of Genocide; ANTH 613 - Anthropology of Policy and Law.

Special topics and independent study, where appropriate, may be petitioned for DDHR credit and are subject to approval by the relevant faculty. Graduate students in other departments and Colleges are eligible for the certificate by application to, and approval by, the Anthropology faculty. Departmental prerequisites may be waived for accepted graduate students in other departments and Colleges. The certificate will be issued upon university graduation. A minimum 3.0 GPA must be earned in all certificate courses. The certificate reflects specialized academic training only and does not authorize holders as practitioners in any field.

### DEPARTMENT OF HISTORY

#### REVISE CATALOG TEXT HISTORY MAJOR, PHD

In the 2013-14 *Graduate Catalog*, revise History Major, PhD in the following areas:

1. Under admission heading, first bullet, revise to add "BA" degree to the sentence (...completion of the BA or MA degree...).
2. Under Requirements heading, remove 3rd bullet, and replace with two bullets.
  - Complete the minimum course requirements outlined by the Graduate School (48 hours beyond the BA, or 24 hours beyond the MA).
  - Students who enter with an MA must complete 9 hours in one Group I doctoral field. Students who enter without an MA must complete 18 hours in one Group I doctoral field. There is no requirement for minimum hours for a Group II field. All students must complete 9 hours in the Group III field. Courses taken to fulfill MA degrees may be counted toward all field requirements.
3. Under Requirements, remove 5th bullet and replace with
  - Students who enter with a non-thesis MA must complete two 600-level research seminars. Students who enter with a thesis MA need complete only one 600-level research seminar. Students who enter without an MA must complete four 600-level research seminars. All 600-level course work must be completed at the University of Tennessee.
4. Under Requirements, remove 7th bullet and replace with
  - For students who enter without an MA, a minimum of 39 of the 48 hours of course work must be graded A-F. Nine hours of course work may be taken outside the department. For students who enter with an MA, a minimum of 18 of the 24 hours must be graded A-F. Up to six hours may be taken outside the department.

Formerly: Complete 24 hours of graduate course work (21 hours graded A-F) at the University of Tennessee, Knoxville, beyond that required for the MA.

5. Under Comprehensive Examination heading, remove 3<sup>rd</sup> sentence and replace with  
Only students with an overall grade point average of at least 3.0 will be allowed to take the comprehensive examination.

Formerly: No student will be permitted to take the comprehensive examination unless he or she has passed the Group III examination (see above) and has an overall grade point average of at least 3.0.

## INTERDISCIPLINARY PROGRAMS

### ➤ ADD GRADUATE CERTIFICATE – AFRICANA STUDIES

In the 2013-14 *Graduate Catalog* add certificate heading and text.

#### **Africana Studies Graduate Certificate**

Dawn Duke, MFLL, Chair

The multi-disciplinary graduate certificate in Africana Studies is intended for currently admitted graduate students wishing to develop knowledge and skills necessary to teach survey and upper-division courses in topics related to Africa and the African Diaspora.

Prospective candidates for the certificate may take up to 6 hours of certificate classes before making formal application to the Office of Graduate Admissions for admission to the certificate program. Once admitted to the certificate, they must maintain a GPA of at least 3.0. Application to the Africana Studies Certificate must be made to the Chair of the Africana Studies Program by submitting a letter of application and copies of undergraduate transcripts (and graduate transcripts, if applicable). A minimum of 18 hours is required. All courses must be selected in consultation with a program advisor, who must approve all courses for individual students prior to the courses being taken (with the exception of the 6 hours which may be accepted from candidates upon admission).

Candidates must complete 18 hours of course work, taken for graduate credit and chosen from at least two different departments. Students may choose from the following courses: ANTH 414, ANTH 419, ANTH 432, ANTH 454, ANTH 523, ENGL 443, ENGL 552, ENGL 560, FREN 573, GEOG 541, GEOG 663, HIST 543, HIST 561, HIST 563, PORT 430, PORT 432, SOCI 452, SPAN 484, SPAN 586, SPAN 587. Topics and independent study courses where appropriate, and courses in the Department of Child and Family Studies and in the Department of Public Health in the College of Education, Health, and Human Sciences, may be applied to the Africana Studies certificate with the permission of the certificate coordinator. Six of the 18 hours may count towards both the student's major and the certificate. All 18 hours must be completed within a five-year period.

Rationale: To raise the profile of Africana Studies within and outside the university and tap the expertise of tenured and tenure-track faculty who teach African, African American, and African Diaspora topics. Impact on other units: The proposal has been discussed with affected departments: Anthropology, English, French, Geography, History, Portuguese, and Spanish. The impact will be minimal: 6 of the 18 hours may count towards both the student's major and the certificate. Financial impact: None.

## COLLEGE OF SOCIAL WORK

All changes effective Fall 2013

### II. PROGRAM CHANGES

- DROP CONCENTRATION – SOCIAL WORK MAJOR, (MSSW)  
Evidence-based Management, Leadership and Community Practice
- ADD CONCENTRATION – SOCIAL WORK MAJOR, (MSSW)  
Management, Leadership and Community Practice

In the 2013-14 *Graduate Catalog*, remove text for dropped concentration; add heading and text for new concentration.

#### **MANAGEMENT, LEADERSHIP, AND COMMUNITY PRACTICE CONCENTRATION (MLCP)**

Management, Leadership and Community Practice (MLCP) is a population-focused concentration, based on the underlying principle of social and economic justice. MLCP practitioners may work in a variety of settings, including, for example, schools, health care, prevention, community-based organizations, social and economic development organizations, and the political arena.

The goal of this concentration is to produce social workers who are critical thinkers in ethically-sound, systemic, skill-based, evidence-based practice including activities such as, but not limited to, social and economic development, planning, organizing, coordinating, developing, and evaluating direct and indirect activities for targeted at-risk populations, clients, and client systems, and the use of information technology.

The knowledge, skills, and competencies acquired by students in this concentration produce practitioners who are prepared to work as professionals on transdisciplinary teams and in interdisciplinary settings, to deliver, develop, manage and evaluate programs and direct services, acquire funding, write grants, analyze and advocate for policy change in political systems, organizations, and communities both within and outside the U.S.

**COLLEGE OF VETERINARY MEDICINE**  
All changes effective summer 2013

**COURSE CHANGES**

**(VMD) Veterinary Medicine**

ADD

**VMD 828 Small Animal Nutrition and Animal Behavior (2-3)** Clinical training in small animal veterinary nutrition and behavior. Students will divide their time between the clinical nutrition and behavior services in the Veterinary Teaching Hospital.  
*Repeatability: may be repeated. Maximum 4 hours.*  
*Registration Restriction(s): Veterinary Medicine Students only.*

DROP

**VMD 876 Small Animal Nutrition (1-2)**

REVISE HOURS

**VMD 803 Advanced Pathology (2-3)**

**VMD 807 Advanced Veterinary Anesthesiology (2-3)**

**VMD 810 Advanced Veterinary Dermatology (2-3)**

**VMD 818 Shelter Medicine (2-3)**

**VMD 819 Clinical Rotation in Small Animal Integrative Medicine and Wellness (2-3)**

**VMD 850 Avian and Zoological Medicine and Surgery (2-3)**

**VMD 859 Veterinary Cardiology (2-3)**

**VMD 860 Veterinary Dermatology (2-3)**

**VMD 863 Veterinary Oncology (2-3)**

**VMD 866 Veterinary Ophthalmology (2-3)**

**VMD 869 Veterinary Neurology (2-3)**

**VMD 870 Anesthesiology (2-3)**

**VMD 875 Veterinary Ultrasonography (2-3)**

**VMD 880 Small Animal Emergency Medicine (2-3)**

**VMD 882 Clinical Rotation in Small Animal Clinical Sciences II (2-3)**

**VMD 884 Zoological Medicine (2-3)**

**VMD 885 Clinical Rotation in Laboratory Animal Medicine (2-3)**

**VMD 891 Clinical Rotations in Large Animal Clinical Sciences I (2-3)**

**VMD 892 Clinical Rotations in Large Animal Clinical Sciences II (2-3)**

**VMD 893 Clinical Rotations in Large Animal Clinical Sciences III (2-3)**

**VMD 894 Equine Surgery (2-3)**

**VMD 895 Large Animal Emergency Medicine and Critical Care (2-3)**

**VMD 898 Externship I (2-3)**

**VMD 899 Externship II (2-6)**

**INTERCOLLEGIATE**  
**AVIATION SYSTEMS**  
All changes effective Fall 2013

## **I. COURSE CHANGES**

### **Aviation Systems (AVSY)**

#### **ADD**

**AVSY 524 – Aerospace Vehicle Modeling and Simulation (3)** Derivation of equations of motion for a six degrees of freedom aerospace vehicle, solving of the equations with numerical integration methods in MATLAB® / SIMULINK® software, developing a physical understanding of equations of motion and stability derivatives, modeling of simple and complex sub-systems, pilot in the loop simulation, fly by wire flight controls, and flight test engineering problems. Students will be provided with a pilot in the loop simulation that integrates a joystick and is connected to FlightGear® software on their personal computer. A joystick is required.

Rationale: Added in response to student interest and needed for flight simulator research. Course format and location: On-campus. Impact on other units: None. Financial impact: None.

**AVSY 525 - Introduction to Avionics I (3)** Electronic instrumentation, navigation, communication, guidance and control systems used in aviation. Primary topics to be covered in the first semester include: review of electronics, terrestrial en route radio navigation systems, terrestrial landing aids, and satellite navigation systems.

**AVSY 526 – Introduction to Avionics II (3)** Electronic instrumentation, navigation, communication, guidance and control systems used in aviation. The primary topics to be covered in the second semester include: surveillance systems, airborne communication systems, onboard communications, indicators, air data sensors, and flight control systems.  
(DE) Prerequisite 525.

Rationale: Courses have been taught regularly under AVSY 510 "Special Topics." Need to add and teach as 525/526 to allow students to choose other AVSY 510 electives. Course format and location: On-campus. Impact on other units: None. Financial impact: None.

#### **REVISE TITLE AND DESCRIPTION**

**AVSY 508 - Flight Test Instrumentation and Data Processing (3)** Measurement fundamentals, sensors for specific parameters (e.g. temperature, heat flux, flow rate, pressure, acceleration, vibration, strain, and humidity), data bus integration, signal conditioning, telemetry, and fabrication; data processing techniques and issues unique to flight test, flight test data sources, formats for databases, video and audio recordings, processing algorithms, data compression, real time and post flight data reduction, noise reduction, digital filtering, regression analysis, spectral analysis, database management, data simulators, and operations and validation. Use of LabVIEW® and MATLAB® software.

Rationale: Revising description to combine Flight Test Instrumentation and Flight Test Data Processing. Course format and location: On-campus. Impact on other units: None. Financial impact: None.

#### **REVISE (RE) PREREQUISITE(S)**

**AVSY 521 - Experimental Flight Mechanics: Fixed Wing Performance (3)**  
(RE) Prerequisite(s): Aviation Systems 503 or Aerospace Engineering 515.

Formerly: (RE) Prerequisite(s): 503.

Rationale: Aerospace Engineering 515 is similar to Aviation Systems 503. Course format and location: On-campus. Impact on other units: None. Financial impact: None.

## **II. PROGRAM CHANGES**

### **REVISE AVIATION SYSTEMS MAJOR, MS – NON-THESIS OPTION REQUIREMENTS**

In the 2013-14 *Graduate Catalog*, revise non-thesis option requirements as follows:

1. Revise the number of hours in the 3<sup>rd</sup> bullet from 9 hours of electives in major field to 12 hours.
2. Remove the 4<sup>th</sup> bullet (3 hours of an assigned project under AVSY 550).
3. Remove the last part of the sentence in the 5<sup>th</sup> bullet, "and defense of the project course paper."

Rationale: The 3 hours of assigned project was removed in order to match the program requirements with those of similar programs at competing universities and to reduce Distance Learning student advising workload for existing Aviation Systems faculty. The 3 hours was added to the electives. Impact on other units: None. Financial impact: None.



## Graduate Courses Not Taught in Four or More Years TO BE DROPPED FALL 2013

**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 2013		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 AGRICULTURAL SCIENCES AND NATURAL RESOURCES							
Forestry (FORS)	530 Advanced Forest Resource Management			X	Instructor has been focused on developing international programs in Eastern Europe, including a sabbatical, so the course has been on conscious hiatus. The international program effort is maturing and the course is expected to be offered again in the next year.		
Forestry, Wildlife and Fisheries (FWF)	570 Natural Resource Sustainability: Social, Political & Institutional Dimensions		X				
COLLEGE OF ARTS AND SCIENCES							
Anthropology (ANTH)	530 Fieldwork in Archaeology			X	Drs. Anderson and Heath would like to keep for their summer field schools for grad students who may want to enroll.		
	586 Anthropological Genetics			X	Scheduled for spring 2013.		
Biochemistry and Cellular & Molecular Biology (BCMB)	562 Introduction to Electron Microscopy – Transmission Electron Microscope			X	This was offered Spring 2012 but had no enrollment. Would like to keep for now and try it again.		
	580 Advanced Concepts in Genetics/ Developmental Biology		X			2011 list 2010 list 2009 list 2008 list 2007 list	Topics course. Not designed to be offered on a regular basis but needs to be kept.  Because on report for 8 years and no justified rationale, Curric Comm voted to drop course. Suggested to teach under topics course.  At Council, faculty said course is being taught under a 600-level number and will be revised to determine how to best teach it. Council Committee voted to retain course.

ACADEMIC DISCIPLINE	COURSE NUMBER AND TITLE	CROSS-LISTED COURSE	DROP EFFECTIVE FALL 2013		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)	585 Mathematical Evolutionary Theory (Secondary course)	Primary course: MATH 583		X	EEB would like to keep these courses cross listed. They have a faculty member who is planning to teach 585 and others have interests in the 600 level courses.		
	681 Advanced Mathematical Ecology I (Secondary course)	Primary course: MATH 681		X	EEB would like to keep these courses cross listed. They have a faculty member who is planning to teach 585 and others have interests in the 600 level courses.		
	682 Advanced Mathematical Ecology II (Secondary course)	Primary course: MATH 682		X	See above justification / rationale.		
English (ENGL)	506 Introduction to Literary Research		X				
Geography (GEOG)	507 Research in Human Geography			X	Department is undertaking a review of all course listings and would like to keep this until they make a definite decision by next year.		
Life Sciences (LFSC)	516 Introduction to Genome Science & Technology II		X			2011 list 2010 list	Material required for MS students. Will be taught soon.
Mathematics (MATH)	511 Methods in Applied Mathematics I			X	Math is okay with dropping 511 and 512 but UTSI asks that they be kept for another year. UTSI offered 511 this fall but it was cancelled because of lack of demand. They plan to offer it again next fall and then 512 in spring 2014. <b>Committee voted to drop. No concrete plan as to when it will be taught.</b> Christian Parigger, from UTSI, attended Graduate Council to ask to retain course for 1 more year. If not taught next year they will drop course. Council voted to retain course for 1 year. <b>Moved back to NO, do not drop.</b>	2011 list 2010 list	Math does not plan to offer courses. UTSI needs course for their engineering students. Will offer fall 2012.
	512 Methods in Applied Mathematics II			X	See above justification. <b>Committee voted to drop. No concrete plan as to when it will be taught.</b> As above, Christian Parigger (UTSI) asked to retain course for 1 more year. Council voted to retain. <b>Moved back to NO, do not drop.</b>	2011 list 2010 list	Math does not plan to offer courses. UTSI needs course for their engineering students. Will offer fall 2012.
	532 Ordinary Differential Equations II			X	Part of a year-long sequence with MATH 531. MATH 531 is being taught this semester and 532 will be taught Spring 2013.		
	576 Linear and Nonlinear Programming		X				

ACADEMIC DISCIPLINE	COURSE NUMBER AND TITLE	CROSS-LISTED COURSE	DROP EFFECTIVE FALL 2013		IF NO, DO NOT DROP COURSE, WAS CHECKED IN PREVIOUS COLUMN GIVE JUSTIFICATION FOR RETAINING	ON PREVIOUS LISTS	PRIOR RATIONALE(S)
			YES	NO			
<b>Musicology (MUCO)</b>	<b>570 Music in the 19th Century</b>			<b>X</b>	Department has hired a new faculty member in this field and expects to start offering this course every other year.	<b>2011 list</b>	Faculty member who taught left UT. New faculty member coming next year will teach course.
<b>Music Technology (MUTC)</b>	<b>560 Technology in Music Research</b>		<b>X</b>		Department would really like to keep the course as it is on the list of optional / elective courses in the graduate theory and composition programs. They will try to offer it more often. <b>Committee voted to drop. No concrete plan as to when it will be taught.</b>	<b>2011 list 2010 list 2009 list</b>	To be taught spring 2012.  Was offered for sp 2012, but course was not taught.
<b>Physics (PHYS)</b>	<b>505 Physics of Fluids</b>			<b>X</b>	Department is undertaking a full review of their graduate program and would like to keep this course until they make definite decisions on all graduate courses next year.		
	<b>507 Contemporary Optics</b>			<b>X</b>	UTSI: This course is scheduled to be taught in Spring 2013. It will be taught in subsequent semesters also.		
<b>Political Science (POLS)</b>	<b>533 Congress</b>			<b>X</b>	This course is scheduled for spring 2013 and the department plans to offer it every two years. <b>Spring 2013 section built (CRN 28218) with 11 students registered.</b>	<b>2011 list 2010 list 2009 list 2008 list</b>	Curriculum Committee voted to drop course. At Council meeting, faculty said course would be taught in 2013. <i>Council voted to retain course for 2013.</i>
<b>Psychology (PSYC)</b>	<b>543 Cognitive Science</b>			<b>X</b>	Faculty will meet soon to plan grad courses for the next few years. Some recent special topics courses could have been taught under this number so they will likely use the course more in the near future.		
	<b>635 Ethical, Legal, and Professional Issues in Psychology</b>		<b>X</b>				
<b>Religious Studies (REST)</b>	<b>503 Theory and Method in the Study of Religion</b>		<b>X</b>				
	<b>507 Religion, Power and Society</b>		<b>X</b>				
	<b>515 Critical Reflection on Religion</b>		<b>X</b>				
<b>Women's Studies (WOST)</b>	<b>512 History of Women's Education (Secondary course)</b>	Primary: CSE 512 Do you want to retain the Secondary?	<b>X</b>				

ACADEMIC DISCIPLINE	COURSE NUMBER AND TITLE	CROSS-LISTED COURSE	DROP EFFECTIVE FALL 2013		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 BUSINESS ADMINISTRATION							
Information Management (INMT)	541 Advanced Database Systems			X	Don't drop per Acctg Dept Fuller 9/19 email.  While we realize it hasn't been taught in a while, we would like to retain it on the books for the following reasons: 1) In the Masters of Accountancy (MAcc) program, we are considering additional concentrations, one of which is a consulting/systems concentration. This course, along with some others, would be taken by students interested in that concentration. 2) As it is a 500-level Information Management (IM) course, we are currently considering ways to make this (and similar offerings) available to graduate students (MBAs, Business Analytics, and the like). We currently have no course offerings at the graduate level outside of the MAcc program. A course like this one would be a logical choice to provide Information Management content to other degree programs. As a result, we would like to retain this course on the books as we explore additional ways to make IM content available across a wider variety of academic programs in the College of Business.		
Management Science (MGSC)	631 Integer Programming		X				
COLLEGE OF COMMUNICATION AND INFORMATION							
Information Sciences (INSC)	555 Scientific and Technical Communications			X	Course fits with a growing specialization in Science Information. SIS has successfully received grants pertaining to this specialization. It will be offered during the 2013-14 academic year. The adjunct who formerly taught the course, Executive Director of the International STM Publishing Assoc., could not teach it in summer of 2012 due to other commitments. SIS will search for another adjunct.	2011 list	The unit plans to offer the course in summer of 2012.

ACADEMIC DISCIPLINE	COURSE NUMBER AND TITLE	CROSS-LISTED COURSE	DROP EFFECTIVE FALL 2013		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 EDUCATION, HEALTH, AND HUMAN SCIENCES							
Child and Family Studies (CFS)	567 Family Violence			X	This is a foundations option course that will be offered next year.		
Counselor Education (COUN)	561 Development and Operation of School Counseling Programs		X				
Cultural Studies In Education (CSE)	512 History of Women's Education (Primary course)	Secondary is: Women's Studies (WOST) 512	X				
Education (EDUC)	589 Field Experience		X				
Elementary Education (ELED)	650 Advanced Studies in Early Childhood Education		X		Course is for PhD students specializing in Early Childhood Education. They are limited in number, but the course will be taught again as needed. <b>Committee voted to drop. No concrete plan as to when it will be taught.</b>	2011 list 2010 list	Course is for PhD students specializing in Early Childhood Education. They are limited in number but the course will be taught again as needed.
English Education (ENED)	507 Teaching Poetry Grades 7-12		X		An elective course that will be offered intermittently for Track I, Track II, EdS, and PhD students. <b>Committee voted to drop. No concrete plan as to when it will be taught.</b>	2011 list	An elective course that will be offered intermittently for Track I, Track II, EdS and PhD students.
Higher Education Administration (HEAM)	514 Leadership Themes in Literature		X				
Higher Education Administration (HEAM)	645 Curriculum and Instruction in Higher Education		X				
Special Education (SPED)	586 Seminar in Research Techniques in Special Education		X				
Theory and Practice in Teacher Education (TPTE)	535 Inquiry Teaching and Learning		X			2011 list 2010 list 2009 list	Will be taught as part of a new distance education offering in gifted and STEM education.
Theory and Practice in Teacher Education (TPTE)	558 Curriculum Planning and Development			X	This course is an elective for Secondary Education Master's students.		

ACADEMIC DISCIPLINE	COURSE NUMBER AND TITLE	CROSS-LISTED COURSE	DROP EFFECTIVE FALL 2013		IF NO, DO NOT DROP COURSE, WAS CHECKED IN PREVIOUS COLUMN GIVE JUSTIFICATION FOR RETAINING	ON PREVIOUS LISTS	PRIOR RATIONALE(S)
			YES	NO			
Theory and Practice in Teacher Education (TPTE)	588 Instructional Theory and Design			X	This course is an offering in the newly approved Distance Education STEM Education Master's degree which is projected to begin in Fall, 2013.		
<b>College of Engineering</b>							
Aerospace Engineering (AE)	557 Aerospace Vehicle Flutter and Vibration			X	UTSI – New faculty were hired in this area. Course should be preserved. Important complement to research.		
	681 Advanced Viscous Flow Theory			X	UTSI – Important 600 level course at UTSI for PhD students who are specializing in the area of fluid dynamics.		
Biomedical Engineering (BME)	511 Biotransport Processes			X	Supports area of new hire.		
Computer Science (COSC)	541 Database Management Systems			X	Course should be preserved as a core graduate course.		
Electrical and Computer Engineering (ECE)	506 Digital Signal Processing II			X	Course should be preserved as a core graduate course.		
	543 Digital Communication Systems I		X		Anticipating a new faculty hire in this area – course should be preserved. <b>Committee voted to drop. No concrete plan as to when it will be taught.</b>	2011 list	Anticipating a new faculty hire in this area – course should be preserved.
	544 Digital Communication Systems II		X		Anticipating a new faculty hire in this area – course should be preserved. <b>Committee voted to drop. No concrete plan as to when it will be taught.</b>	2011 list	Anticipating a new faculty hire in this area – course should be preserved.
	552 Digital System Design II			X	Anticipating a new faculty hire in this area – course should be preserved.		
	664 Advanced Plasma Physics II		X				
Engineering Management (ENMG)	540 Labor Relations		X		UTSI course – We would like to keep the ENMG 540 class. Even though it has not been offered in the past several years, it is a course with core value. Its relevance in our program will be reevaluated this year. <b>Committee voted to drop. No concrete plan as to when it will be taught.</b>	2011 list	Course was not taught on its regular cycle of 3-4 years due to loss of faculty member. New hire anticipate Spring 2012 will be assigned to teach this important elective.
Industrial Engineering (IE)	556 Data Mining in Engineering and Manufacturing			X	Anticipating a new faculty hire in this area – course should be preserved.		

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			YES	NO			
<b>Industrial Engineering (IE)</b>	<b>605</b> <b>Probabilistic Methods in Engineering Systems</b>		<b>X</b>				
<b>Materials Science and Engineering (MSE)</b>	<b>553</b> <b>Nonwovens Science and Technology</b>			<b>X</b>	Course has not been taught or scheduled for teaching since the faculty responsible for this course was on sabbatical last year. The area of study, i.e., nonwovens, is of great interest with increase in research activity by students in MSE, CEE and in Ag Campus. The course will most likely be taught Fall 2013, and once every three years in the future.	<b>2011 list</b>	Instructor is on sabbatical this year. It is likely he will teach this course next year.
<b>Mechanical Engineering (ME)</b>	<b>526</b> <b>Combustion and Chemically Reacting Flows II</b>			<b>X</b>	<b>UTSI</b> – Course is required to complement ME 525 that was taught last year. This is an important course sequence to keep. Recently hired faculty at UTSI will be offering the 525/526 sequence in the coming academic year.	<b>2011 list</b>	<b>UTK</b> – Needed to support combustion research at UTK. <b>UTSI</b> – Course is required to complement ME525 that was taught last year. This is an important course sequence to keep.
	<b>ME 547</b> <b>Modern Linear Controls</b>			<b>X</b>	<b>UTK</b> – Supports research area of new hire. <b>UTSI</b> – Needed to support research area of UTSI faculty new to the department in the Fall 2012 semester.		
	<b>552</b> <b>Mechanical Engineering Design</b>		<b>X</b>				
	<b>ME 567</b> <b>Smart Structures and Materials</b>			<b>X</b>	<b>UTK</b> – The course is in the area of a new (2012) faculty hire. <b>UTSI</b> – Course fits the flow-structures, and possibly composites, courses that one could consider to be part of the multi-physics approaches towards future research and education emphasis. Recently hired faculty at UTSI will be offering this course in the coming academic year.	<b>2011 list</b>	<b>UTSI</b> – Course fits the flow-structures, and possibly composites, courses that one could consider to be part of the multi-physics approaches towards future research and education emphasis.
	<b>ME 647</b> <b>Nonlinear Control Systems</b> (Primary course)	Secondary courses: Aerospace Engr. (AE) 647, Biomedical Engr. (BME) 647		<b>X</b>	<b>UTK</b> – In the area of new faculty search. <b>UTSI</b> – New faculty hire in dept (fa 2012), need course to support research of new hire.	<b>2011 list</b>	Needed to support research area of new faculty search.
	<b>ME 686</b> <b>Telerobotic Systems</b>			<b>X</b>	<b>UTK</b> – Will be offered in spring 2013. <b>UTSI</b> – UTSI Aviation Systems/Flight Test Engineering is working towards teaming up with MTSU, AEDC and a few companies to support establishing a UAS (Unmanned Aerial Systems) center in the area. This course would perfectly fit this effort.	<b>2011 list</b>	Course will be offered within a year.

ACADEMIC DISCIPLINE	COURSE NUMBER AND TITLE	CROSS-LISTED COURSE	DROP EFFECTIVE FALL 2013		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 Law							
Law (LAW)	927 Interviewing, Counseling and Negotiation		X			2011 list	We'd like to keep this course in the catalog for one more year as we complete review of the advocacy curriculum.
Law (LAW)	956 Entertainment Law			X	Will be taught spring 2013.	2011 list	This course has been offered every year except this one; Not sure why it's on the list. Course "offered" but <u>not taught</u> . Last time course was taught and grades were awarded was fall 2006.
Law (LAW)	985 Workers' Compensation			X	Will be taught spring 2013.		
Intercollegiate							
Aviation Systems (AVSY)	509 Introduction to Aircraft Structures			X	Course will be offered within a year.		
Comparative and Experimental Medicine (CMVM)	607 Diagnosis and Pathogenesis of Virus Diseases of Domestic Animals			X	This course is the only graduate course in virology available on campus that teaches students the skills necessary to be a diagnostic virologist and instructs students in the basic skills of virus propagation, identification, and characterization through a variety of techniques. These laboratory skills would be required for anyone interested in graduate-level virology. Interest for the course has been low, but plans are to advertise the course better to influence higher enrollment throughout the university		
	609 Mechanisms of Disease		X		Reorganization of research and graduate studies administration for the past year has postponed the restructuring of this course. We still believe it needs to be maintained as a current listing because of the relevance of its content to our students, as well as other students across the Knoxville and UTIA campuses. <b>Committee voted to drop. No concrete plan as to when it will be taught.</b>	2011 list	Course is being restructured to address recent loss of internal funding. It presents the pathologic basis of diverse diseases processes, relevant to any scientific discipline involving biomedical investigation.

Courses to drop = 29 (\*was 31)

Courses to retain = 38 (\*was 36)

Total courses on report = 67

\* MATH 511 and 512 were moved back to the NO, do not drop column after request from UTSI to retain for one more year.)

The following 400-level courses are marked to be dropped on the Undergraduate Courses Not Taught in 4 or More Years Report and consequently will also be dropped from the *Graduate Catalog*:

**BCMB 404, CE 451, and PHYS 462.**