

Academic Programs Committee of Council

University Course Challenge

Scheduled posting: November 2013

e 2
e 2
e 12
e 12
e 13

Approval:

Date of circulation: November 18, 2013 Date of effective approval if no Challenge received: December 2, 2013

Next scheduled posting:

The next scheduled Challenge document posting will be in December 2013, with a submission deadline of December 10, 2013. Urgent items can be posted on request.

College of Engineering

New course

GEOE 498 Drill, Blast, and Excavate 3 Lecture, 2 tutorial biweekly Prerequisite: GeoE377 Corequisite: GeoE315 or Geology 258

Catalogue description: This course covers the principal methods of rock breakage for mining and includes drilling, blasting and various machine excavation techniques. Topics include the properties and theories of explosives, rock breakage mechanics, and blast vibration monitoring for mining. In addition, safety regulations with an emphasis on the province of Saskatchewan are discussed. AutoCAD integrated software for mining will be introduced.

Rationale: Increasingly, there is demand from the mining industry for qualified engineers. In Saskatchewan, a significant proportion of our Geological Engineering students enter the mining industry locally and internationally after graduation. This is a key course required for an option in mining for Geological Engineering. Both the GeoE377 (Introduction to Mining and Mineral Processing) and GeoE380 (Mine Ventilation) reached enrollment capacities in all offerings as students are seeking relevant courses to match their career interests.

Prerequisite Changes

EE 202 Electrical and Magnetic Circuits From: MATH 123, MATH 124, and PHYS 155 To: [MATH 123 or MATH 110], [MATH 124 or MATH 116], and [PHYS 155 or PHYS 115] Rationale: EE 202 is a required course in the Geophysics program. The equivalent alternate courses for each prerequisite allow Geophysics majors to register for EE 202 without overrides.

EE 301 Electricity Magnetism and Fields

From: EE 202 I MATH 223 I and MATH 224

To: EE 202, [MATH 223 or MATH 225 or MATH 276] and [MATH 224 or MATH 226 or MATH 238]

Rationale: EE 301 is an optional course in the Geophysics program. The equivalent alternate courses for each prerequisite allow Geophysics majors to register to register for EE 301 without overrides.

Approved October 29, 2013

College of Graduate Studies & Research

ANATOMY AND CELL BIOLOGY Graduate Course Deletions ACB 832.3 – Platelets in Human Health and Disease ACB 833.3 – Thrombosis and Haemostasis Rationale: Instructor is no longer available.

Contact: <u>ben.rosser@usask.ca</u> **Approval:** November 12th, 2013, by CGSR

ENVIRONMENT AND SUSTAINABILITY

New Graduate Course

ENVS 806.3 – Field Skills in Environment and Sustainability

Prerequisites/ Restrictions:

Enrolment in a SENS graduate program or permission from instructor.

Catalogue Description: Combining a field experience at Redberry Lake Biosphere Reserve with a team-oriented sustainability assessment, this course will provide hands-on training in a variety of practical skills and techniques in ecological hydrological and social sciences related to rural communities and agro-ecosystems. Students should be prepared to work in the outdoors. **Rationale:** After extensive review of the SENS curriculum, completion of a curriculum mapping exercise, and adoption of seven graduate attributes, SENS has introduced three new courses into its Master's programs. Specific to the Master of Sustainable Environmental Management (MSEM) program, ENVS 806.3 works with other required courses for the MSEM program (new: ENVS 807.3, ENVS 808.3, existing: ENVS 805.3), to offer core knowledge and skills that more closely reflect our graduate attributes and aspirations to offer a distinctive curriculum in interdisciplinary problem-focused, issue driven, and experience-based learning about environment and sustainability. It is distinctive because both natural and social scientists contributed to the design of the course and are expected to participate in its delivery.

ENVS 806.3 will allow students to learn about and apply field-based techniques used to understand complexity of socio-ecological systems in a real life setting. The location for this field course, Redbeerry Lake Biosphere Reserve, also capitalizes on a partnership established in 2010 between SENS and the Biosphere Reserve organization and demonstrates our commitment to community-engaged scholarship.

New Graduate Course

ENVS 807.3 – Sustainability in Theory and Practice

Prerequisites/ Restrictions: Enrolment in a SENS graduate program or permission from instructor.

Catalogue Description: This course confronts the paradoxes of understanding, assessing, and resolving challenges of sustainability. Students broaden and deepen understandings of sustainability, learn about their own strengths and biases, and develop both creative and analytical skills using in-depth case studies that require interdisciplinary and intercultural perspectives.

Rationale: After extensive review of the SENS' curriculum, completion of a curriculum mapping exercise, and adoption of seven graduate attributes, SENS has introduced three new courses into its Master's programs to address the conceptual and methodological tools we believe are necessary for an interdisciplinary graduate degree in Environment and Sustainability. ENVS 807.3 "Sustainability in Theory and Practice" contains the key elemenys from ENVS 802.3 that we seek to retain in the curriculum. However, it also introduces a broader set of methodological tools than 802.3 from both the natural and social sciences to enhance students' understanding of sustainability.

New Graduate Course

ENVS 808.3 – Tools and Applications for Sustainability Problem-Solving

Prerequisites/ Restrictions: Enrolment in a SENS graduate program or permission from instructor.

Catalogue Description: This course is designed for graduate students to improve their knowledge of applied environmental and sustainability problems and develop problem-solving skills. The focus will be on problem identification concepts, investigation of potential causes, identification and implementation of potential solutions or remedial measures, and action plans to evaluate anticipated results.

Rationale: After extensive review of the SENS' curriculum, completion of a curriculum mapping exercise, and adoption of seven graduate attributes, SENS has introduced three new courses into the Master's programs. Specific to the MSEM program, ENVS 808.3 works with other required courses for the MSEM program (new: ENVS 806.3, ENVS 807.3, existing 805.3), to offer core knowledge and skills that more closely reflect our graduate attributes and aspirations to offer a distinctive curriculum in interdisciplinary problem-focused, issue-driven, and experience- based learning about environment and sustainability. Both natural and social scientists contributed to the design of ENVS 808.3 and are likely to be involved in its delivery.

ENVS 808.3 "Tools and Applications for Sustainability Problem-solving" responds to demands for students to learn applied critical thinking skills that will be used in professional practice. This course is conceived as a 'survey-style' course, introducing a general framework for problem solving and a series of alternative analytical techniques. ENVS 804.3, "Decision-making for Environment and Sustainability", will become an elective course under the new name "Advanced Problem Solving for Environment and Sustainability". ENVS 804.3, as an elective, will focus on a smaller number of advanced techniques and allow students to become proficient in using them. Students in the MSEM program may elect to take both ENVS 804.3 and ENVS 808.3. Students in other programs (in SENS or elsewhere) may take ENVS 804.3 without having taken ENVS 808.3, with permission of the instructor. We have deliberately separated the curriculum to allow for this possibility.

Graduate Course Deletion

ENVS 802.3 – Human Dimensions of Environment and Sustainability

Rationale: After annual reviews of our courses, curriculum mapping, and a curriculum retreat, SENS faculty decided to delete ENVS 802.3 as a required course. Three new required courses have been introduced into the curriculum that will address the conceptual and methodological tools we believe are necessary for an interdisciplinary graduate degree in Environment and Sustainability. ENVS 807.3 "Sustainability in Theory and Practice" contains the key elements from ENVS 802.3 that we seek to retain in the curriculum. However, it also introduces a broader set of methodological tools to enhance students' understanding of human dimensions and sustainability theory and practice.

Graduate Course Modification (for information only)

ENVS 804.3

Current Title: Decision Making for Environment and Sustainability **Proposed Title:** Advanced Problem-Solving for Environment and Sustainability **Current Catalogue Description:**

Intended to enhance students' professional and scholarly effectiveness, this course introduces an interdisciplinary approach to environmental conservation problems (from the policy sciences) that enables them to critically appraise and constructively engage with environmental and sustainability policy and processes, and develop functional understanding of conventional institutional approaches to environmental management and new emergent approaches.

Proposed Catalogue Description: This course provides an advanced opportunity to develop proficiency with interdisciplinary problem analysis frameworks. This will enable students to

critically appraise and constructively engage with environmental and sustainability policy processes, and develop a functional understanding of conventional and emergent institutional approaches to problem solving.

Rationale: This course, once required in SENS, will become an elective course. The changes in name and description more clearly demarcate the content of the new required course, ENVS 808.3 "Tools and Applications for Sustainability Problem-solving" from this course. ENVS 808.3 will NOT become a pre-requisite for ENVS 804.3.

Program Modification: Master of Sustainable Environmental Management (MSEM) Change to Required Courses

Rationale: The MSEM and MES programs were launched in 2008 after the School of Environment and Sustainability was created in 2007. Objectives, need, demand and other required information were provided at that time. The original proposal formed the School's first integrated plan. The School has grown in faculty complement and student numbers. New faculty have been introduced via joint appointments with other units on campus, through the establishment of the Global Institute for Water Security, and through new appointments dedicated to the School's mission. Student numbers have also grown, from 9 in 2008 to 80 in 2013. Following direction from the Provost's Committee on Integrated Planning, we aim to increase this enrollment to 100 by 2015-16.

Since its inception, SENS has completed annual reviews of all of its programs. In 2012, SENS obtained support from the Curriculum Innovation Fund to learn about and revise its curriculum to foster innovation. At that time, we initiated systematic learning about all of our team-taught courses, with an emphasis on required courses in SENS' programs. Additionally, in 2012-13, SENS faculty completed a curriculum mapping exercise and articulated 7 graduate attributes for all of its programs. After completing a SENS program, we expect graduates to: think holistically with ethical intent, deeply understand sustainability, integrate a range of perspectives and ways of knowing, be ambassadors for sustainability and agents of change, have research expertise, demonstrate collaborative leadership and professional skills in knowledge sharing, and have a substantive area of expertise in keeping with their program of study. A comparative review reveals that these attributes are consistent with graduate learning outcomes developed by the College of Graduate Studies and Research. Implementation of the proposed program is intended to instill the attributes more effectively into program offerings. In this past year, we have worked hard as a collective and with direct assistance from a curriculum design specialist of the Gwenna Moss Centre for Teaching Effectiveness to redesign the curriculum. Faculty in SENS have sought to achieve the aspiration for the School to become a model of excellence and the 'go-to' place for interdisciplinary problem-focused, issue-driven, and experience-based learning about environment and sustainability at the U of S and beyond.

Current MSEM Requirements	30 cu	Proposed MSEM	30 cu
		Requirements	

Core Classes: ENVS 801.3: Ecosystem Science and Sustainability OR ENVS 802.3: Human Dimensions of Environmental Change (depends on student's background; student is required to take course with which they are less familiar) ENVS 804.3: Decision-Making for Environment and Sustainability ENVS 805.3: Data Analysis and Management	9 cu	Core Classes: ENVS 806.3: Field Skills in Environment and Sustainability ENVS 807.3: Sustainability in Theory and Practice ENVS 808.3: Tools and Applications for Sustainability Problem-solving ENVS 805.3: Data Analysis and Management	12 cu
Six credit units of restricted electives Nine credit units of unrestricted electives	6 cu 9 cu	Twelve credit units of electives (there is no list of restricted electives)	12 cu
ENVS 992.6: Project in Environment and Sustainability	6 cu	ENVS 992.6: Project in Environment and Sustainability	6 cu
ENVS 990.0: Seminar in Environment and Sustainability	0 cu	ENVS 990.0: Seminar in Environment and Sustainability	0 cu
GSR 960.0: Introduction to Ethics and Integrity GSR 961.0: Ethics and Integrity in Human Research may be required depending on the nature of the student's research GSR 962.0: Ethics and Integrity in Animal Research may be required depending on the nature of the student's research	0 cu	GSR 960.0: Introduction to Ethics and Integrity GSR 961.0: Ethics and Integrity in Human Research may be required depending on the nature of the student's research GSR 962.0: Ethics and Integrity in Animal Research may be required depending on the nature of the student's research	0 cu

Current MES Requirements	12 cu	Proposed MES Requirements	12 cu
Core Classes:	6 cu	Core Classes:	6 cu
ENVS 801.3: Ecosystem Science and		ENVS 807.3: Sustainability in	
Sustainability		Theory and Practice	
OR			
ENVS 802.3: Human Dimensions of		ENVS 803 3: Research in	
Environmental Change		Environment and Sustainability	
(depends on student's background		Environment and Sustainability	
student			
is required to take course with			
which they are less familiar)			
which they are less familiar)			
Six credit units of electives	6 cu	Six credit units of electives	6 cu
ENVS 994.0: Master's Research in	0 cu	ENVS 994.0: Master's	0 cu
Environment and Sustainability	0	Research in	0
ENVS 990.0: Seminar in	0 cu	ENVS 990.0: Seminar in	0 cu
Environment and	0	Environment	0
GSR 960.0: Introduction to	0 cu	GSR 960.0: Introduction to	0 cu
Ethics and		Ethics	
Integrit		and Integrity	
У		GSR 961.0: Ethics and Integrity	
GSR 961.0: Ethics and Integrity in		in	
Human		Human Research may be	
Research may be required		required depending on the	
depending on the nature of the		nature of the student's	
student's research		research	
		CSP 062 0. Ethics and Integrity	

Contact:

<u>maureen.reed@usask.ca</u> Approval: November 5th, 2013, by CGSR

PHARMACY

New Graduate Course

PHAR 865.3 – Analytical Mass Spectrometry

Prerequisites/ Restrictions: Permission of the instructor.

Catalogue Description: This course will cover modern state-of-the-art mass spectrometry techniques and their usefulness in research and discovery. The course will examine instrumentation-related topics, such as ionization sources, mass analyzers and hybrid tandem mass spectrometers. The advantages of each technique will be highlighted and discussed. A second portion of the course will focus on mass spectra interpretation and the various applications of applied mass spectrometry, namely structural elucidation, quantification, and related biomedical and environmental applications. The course will also include practical demonstration of the use of tandem mass spectrometry.

Rationale: Mass spectrometry (MS) is an important analytical tool for life and health sciences. Numerous MS technologies exist with each having its advantages/ disadvantages. Each MS technology can answer varying research questions. Currently, there is no analytical MS graduate course that discusses MS technology in relation to research, particularly structural identification and quantification. **Contact:** Anas.el-aneed@usask.ca **Approval:** November 12th, 2013, by CGSR

PHYSIOLOGY

New Graduate Course

PHSI 860.3 – Advanced Seminar in Neuroscience

Prerequisites/ Restrictions: Permission of the Department

Catalogue Description: The course offers an in-depth examination of essential topics in neuroscience. Areas selected may range from fundamental neurobiological processes to neuropathophysiology and the clinical neurosciences and may vary in different years. Students will undertake an advanced study of original research papers and techniques significant to the field. Discussions will emphasize current concepts and the student will gain a thorough understanding of the selected topic through critical review and analysis.

Rationale: The Physiology Graduate Program is expanding and there is a need for more course options. As we have a considerable expertise in the field of neuroscience within the Department, this course will be regularly offered. The course was offered twice as a special topics course PHSI 898.3 with 6-7 students registering each year.

Contact: Michel.desautels@usask.ca

Approval: October 15th, 2013, by CGSR

PHYSICS

Program Modification: Doctor of Philosophy - Physics

Change to Required Courses

Rationale: In October, CGSR submitted a modification for the Doctor of Philosophy in Physics. This submission contained an error (the minimum proposed credit units listed was 12, when it should have been 9), and so is being resubmitted here as a correction. Also, the Transfer from Master's to Ph.D. and Doctor of Philosophy – Direct Entry Requirements are being listed here separately, as well.

Current Physics PhD – non-Direct Entry	Proposed Physics PhD – non-Direct Entry
Requirements	Requirements
 GSR 960.0 GSR 961.0 if research involves human subjects GSR 962.0 if research involves animal subjects Minimum 9 credits, including the following: PHYS 811.3 or PHYS 883.3 PHYS 812.3 PHYS 990.0 PHYS 996.0 	 GSR 960.0 GSR 961.0 if research involves human subjects GSR 962.0 if research involves animal subjects Minimum 9 credits, including the following: PHYS 811.3 or PHYS 883.3 PHYS 812.3 PHYS 812.3 or PHYS 873.3 or PHYS 886.3
• Qualifying examination	• PHYS 990.0

Comprehensive examination	• PHYS 996.0
Thesis defence	Qualifying examination
	Comprehensive examination
	Thesis defence

credit units of course work at ate level must be successfully l in the first year of the
e first year of the program, lly complete a Ph.D. g Examination that is at least as as the defence for a chesis in the program area 0 0 if research involves human 0 if research involves animal 21 credits, including the : <u>IYS 811.3 or PHYS 883.3</u> <u>IYS 812.3</u> IYS 812.3 or PHYS 873.3 or IYS 886.3 0.0 6.0 ensive examination

Current Transfer from Master's to Ph.D. Requirements	Proposed Transfer from Master's to Ph.D. Requirements
 GSR 960.0 GSR 961.0 if research involves human subjects GSR 962.0 if research involves animal subjects Minimum 21 credits, including the following: PHYS 811.3 or PHYS 883.3 PHYS 812.3 	 GSR 960.0 GSR 961.0 if research involves human subjects GSR 962.0 if research involves animal subjects Minimum 21 credits, including the following: PHYS 811.3 or PHYS 883.3 PHYS 812.3 PHYS 873.3 or
• PHYS 996.0	PHYS 886.3

 Qualifying examination 	• PHYS 990.0
Comprehensive examination	• PHYS 996.0
Thesis defence	Qualifying examination
	Comprehensive examination
	Thesis defence

Contact: <u>andrei.smolyakov@usask.ca</u> **Approval:** October 1st, 2013, by CGSR

RELIGION AND CULTURE

Program Modification: Master of Arts – Religion and Culture Change to Required Courses and Restricted Electives

Rationale: The CGSR is undergoing a project to improve the accuracy and consistency of the information published in the Academic Program Catalogue. Concurrent to this project, the Department of Religion and Culture would like to propose a minor program change to allow special topics courses (RLST 898 and RLST 899) to be included in the list of restricted electives. The attached document provides a table of current and proposed catalogue descriptions for the program requirements. The rationale is as follows:

• Remove lists of Religion and Culture Courses – The combined sections of Area A and Area B courses comprise the list of restricted electives. The list of restricted electives is provided in the proposal as one list. The proposed list has been updated to include RLST 898 and RLST 899 to allow greater opportunity and flexibility in individual student programs. The Area C courses are suggestions and should be removed.

- Much language has been removed as it was advice rather than a requirement.
- The formal residency requirement has been removed. The objectives of the formal residency requirement are satisfied through participation in the required RLST 990 course.

Current Program Requirements	Proposed Program Requirements
Religion and Culture Courses	Degree Requirements
	GSR 960.0
Area A: Western Religious Traditions	\Box <u>GSR 961.0</u> if research involves
RLST 801.3	human subjects
RLST 802.3	\Box <u>GSR 962.0</u> if research involves
$\overline{\square}$ RLST 803.3	animal subjects
$\overline{\square}$ RLST 804.3	□ RLST 990.0
\square RLST 805.3	\square RLST 994.0
	$\overline{\Box}$ minimum of 15 credit units of course
Area B: Fastern Religious Traditions	work including:
\square RI ST 821 3	
$\square RI ST 822.3$	At least 9 credit units of Religion and
$\square RI ST 823 3$	Culture in Eastern or Western
$\square \text{ PLST } 824.2$	Religious Traditions chosen in
$\square RIST 825 3$	consultation with the advisory
	committee from the list below
	\square At least 6 credit units of
Area C: Kengion in Interdisciplinary	electives determined in
Perspectives	consultation with the advisory
$\square \underline{AN1H802.3},$	committee
$\square ENG 801.3$	Second language requirement
$\square ENG 805.2$	\square Oral thesis defense
$\square ENG 805.3$	
$\square ENG 811.3$	Restricted Electives in Eastern and Western
$\square ENG 817.3$	Religious Traditions:
$\square ENG 819.3$	$\square \qquad \qquad \text{PL ST 801.3}$
$\square \underline{ENG 843.3}$	$\square \qquad \qquad$
$\square \underline{HIST 801.3}$	$\square \qquad \qquad \frac{\text{RLST } 602.3}{\text{PL ST } 803.3}$
$\square \underline{HIST 821.3}$	$\square \qquad \underline{\text{RLST 605.5}}$
$\square \underline{HIST 849.3}$	$\square \qquad \underline{\text{NLS1 } 004.3}$
<u>HIST 859.3</u>	$\square \qquad \underline{\text{NLSI } 003.3}$
<u>HIST 861.3</u>	$\square \qquad \square \qquad$
<u>HIST 880.3</u>	$\square \qquad \underline{\text{NLS1 } 022.3}$
<u>HIST 881.3</u>	$\square \qquad \underline{\text{NLS1 } 023.3}$
<u>HIST 882.3</u>	$\square \qquad \underline{\text{NLS1 } 024.3}$
<u>MUS 853.3</u>	$\square \qquad \qquad \frac{\text{KLSI } 623.3}{\text{DI ST } 909.2}$
<u>MUS 854.3</u>	$\square \qquad \text{RLS1 090.3}$
<u>PHIL 818.3</u>	L KL51 899.0
<u>PHIL 819.3</u>	
<u>PHIL 826.3</u>	
<u>PHIL 842.3</u>	
<u>PHIL 844.3</u>	
□ <u>PHIL 851.3</u>	
□ <u>PHIL 862.3</u>	
SOC 813.3	
□ SOC 842.3	

Contact: <u>v.makarova@usask.ca</u> Approval: November 5th, 2013, by CGSR

College of Kinesiology

Program change:

Acceptance for Kinesiology Honours program

The requirement for acceptance into the Honours program is an average of at least 75% in the last 30 credit units taken. All courses taken in a given term will be included, and in the case where more than 30 credit units have been taken, the total all courses will be included in the average calculation. All applicants must have completed at least 4 of the following 5 required core Kinesiology courses before Term 2 of the year they make their application. These courses are: KIN 222.3, KIN 225.3, KIN 226.3, KIN 231 .3 and KIN 322.3. Students must also have completed, or be registered in, KIN 380.3

Rationale: The previous calculation of averages for students who applied to the Honours program included many first year courses. The College felt that these grades are not a true indication of a student's academic ability.

College of Pharmacy and Nutrition

Division of Pharmacy

New Course and program change

New course: PHAR 310.3 Introduction to Drug Discovery and Design Lecture 3

Prerequisite: PHAR 201.5 and registration in second year pharmacy

Calendar description: The course is intended to introduce students to the fundamental concepts and processes of drug discovery especially how structural differences may result in different physicochemical or pharmacological effects. The students can then apply their learning to: designing new analogues with a better safety and/or therapeutic profile and to critically analyze new pharmaceutical agents.

Rationale for introducing this course: Currently medicinal chemistry and drug metabolism are incorporated into PHAR 455.7, 456.7 and 557.6 but will be removed from those courses and instead placed in PHAR 310.3. This course will provide students with an introduction to the drug discovery and design process with a focus on medicinal chemistry and drug metabolism. Emphasis will be placed on developing a thorough understanding of how medicinal chemistry and drug metabolism relate to clinical observations for pharmaceuticals rather than viewing each drug class in isolation. The students will develop skills to critically assess the properties of drugs currently on the market and new drugs that are introduced in the future. This skill set is valuable as it supports the clinical decision making skills that the students learn throughout the pharmacy undergraduate program.

This course aligns with many of the *Educational Outcomes for First Professional Degree Programs in Pharmacy (Entry-to-Practice Pharmacy Program) in Canada* outlined by the Association of Faculties of Pharmacy of Canada (AFPC) in June 2010 for graduating Medication Therapy Experts. The following outcomes are specifically addressed:

• Care Provider and Scholars: demonstrating a thorough understanding of the fundamental knowledge required of pharmacists and apply this knowledge in daily practice, providing drug information and recommendations, educating regarding medications and appropriate medication

use, including the pharmacist's role, and applying principles of scientific inquiry and critical thinking while participating in practice-based research.

• Professionals: demonstrating professionalism through patient encounters, practicing in an ethical manner which assures primary accountability to the patient, maintaining their competence through life long learning, practicing in manner demonstrating professional accountability, and displaying a sense of pride in and commitment to the profession and its evolving role in the health care system.

Other courses or program affected (please list course titles as well as numbers). The medicinal chemistry and drug metabolism components will be removed from PHAR 455.7, 456.7 and 557.6.

Course(s) for which this course will be a prerequisite: Third and Fourth year Pharmacy **Is this course to be required by your majors, or by majors in another program?** Required for all Pharmacy students only

Program change:

Year 2 Pharmacy will remain as 32 credit units. The 3 cu elective in humanities, social sciences or fine arts will no longer be required.

Approval by Division of Pharmacy: November 7, 2013 Approval by College: November 13, 2013 Implementation: January 2014

Items for Information

College of Agriculture and Bioresources

Update to list of Humanities and Social Science requirement courses:

- Inclusion of Classics 103, 104, 105 and 106 as Humanities electives
- Deletion of Economics 111 and 114 as Social Science electives

This clarifies that for Agriculture and Bioresource students, the list of Classics courses accepted as meeting the Humanities Requirement should include CLAS 103, 104, 105 and 106. In the October Challenge, these courses were not included in the list of Humanities courses from Arts and Science.

The change in wording, while clarifying that these four classes cannot be used to meet the Humanities Requirement in any Arts and Science degree inadvertently changed a long-standing practice within the College of Agriculture and Resources that these courses could be used to meet the Humanities Requirements for all of our degrees. Also, both the Agricultural Economics and Agribusiness programs do not allow the use of Economics classes to fulfill the Social Science requirements and this proposal clarifies that fact. Lane C. Foster

College of Arts and Science

Correction: The new course approved in the October 18 University Course Challenge as INCC 130.1 (Material Culture and Historical Communication in a Museum Setting) should have been numbered **INCC 150.1**.