UNIVERSITY OF SASKATCHEWAN

Academic Programs Committee of Council

University Course Challenge

Scheduled posting: August 15, 2011

Contents:

Approval:
Date of circulation: August 17, 2011
Date of effective approval if no Challenge received: August 31, 2011

Next scheduled posting:

University Course Challenge is now being posted once a month, on a regular schedule.
The next scheduled Challenge document posting will be in September, 2011.

College Submission Deadline	UCC Posting Date	Date of effective approval if no challenge received:
September 13	September 16	September 30

 Urgent items can still be posted on request.

College of Arts & Science

Item for Information: Mathematics & Statistics
Prerequisite Change:
PHYS 115.3 Physics and the Universe
Old Prerequisite: Physics 30, Mathematics B30 and C30 (Algebra 30 and Geometry-Trigonometry 30).
New Prerequisite: Physics 30 and (Mathematics B30 and C30; or Foundations of Mathematics 30; or Pre-Calculus 30)
Rationale: This reflects changes to high school mathematics courses across Western Canada, which are being phased in starting in 2010-11. The prerequisite change for PHYS 115 was missed when new high school mathematics prerequisites for other first-year courses were approved in the May, 2011 Challenge. Due to the importance of informing high school students about prerequisite courses as quickly as

possible, and with the endorsement of the departments which use this Physics course in their programs, it was agreed to implement this prerequisite change and to circulate it for information only.

Western College of Veterinary Medicine

New courses
These two courses will be offered to students in the 3rd Year of the DVM program as electives.

Interdepartmental
VINT 441.1 Communications Elective
This 3rd Year Elective is designed to build from the basic communication skills taught in Year 1 of the DVM Program and allow opportunity for students to practice and refine their skills using simulated clients in a controlled environment. Particular emphasis will be placed on dealing with euthanasia, disclosing medical errors, conflict resolution and other common scenarios in which communication skills are essential.
12L-12P

Large Animal Clinical Sciences
VLAC 453.2 Dairy Industry
This elective course is designed to expand the student's knowledge of the dairy industry by building onto previously taught core courses such as VLAC 310 and VLAC 482. Specifically, the structure, organization and economics of the dairy industry will be covered in greater detail alongside animal management and dairy animal health and welfare. The Course is directed at students who are considering a career associated with the dairy industry.
20L -4P

Addendum:
COLLEGE OF GRADUATE STUDIES AND RESEARCH

COLLEGE OF GRADUATE STUDIES & RESEARCH
August 2011 Course Challenge

Johnson-Shoyama Graduate School of Public Policy
New Graduate Course

JSGS 869.3 – Readings in Public Policy
Prerequisites/Restrictions:
Admission into the JSGS PhD Program
Calendar Description:
This course examines key readings in the public policy literature and provides student with an overview of key concepts and outcomes from political science, economics, sociology, and law that are germane to the theory and practice of public policy. The aim of the course is to provide the participants with a greater understanding of classical and contemporary theories of public policy and the ability to critically analyze and compare public policy. The material covered in the course serves as the foundation for the PhD Comprehensive Exam.

Rationale:
This course is intended to assist PhD students work through the reading list in order to prepare for their comprehensive exam.

Contact person: amber.mccuaig@usask.ca
Approval: Graduate Academic Affairs Committee, July 5, 2011

Department of Computer Science
New Graduate Course

CMPT 851.3 – Parallel Programming for Scientific Computing
Prerequisites/Restrictions:
Permission of the Instructor. Undergraduate Courses in Basic Numerical Analysis and Computer Programming are recommended.
Calendar Description:
Parallel programming paradigms and algorithms for shared and distributed memory computer architectures; performance analysis; use of shared infrastructure; applications in scientific computing (linear systems, differential equations, optimization, etc.)
Rationale:
Due to fundamental physical and economic constraints on manufacturing, the processing speed of computer chips is not increasing. Instead, multiple computer cores are built into each chip. Accordingly, the next generation of scientists must take advantage of parallel computing to perform leading-edge computational research. This course provides fundamental knowledge in modern techniques in parallel programming to solve common problems in scientific computing.

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Approval: Graduate Academic Affairs Committee, July 5, 2011