



Academic Programs Committee of Council

University Course Challenge

Scheduled posting: August, 2016

The following types of curricular and program changes are approved by the University Course Challenge -- additions and deletions of courses, lower levels of study and program options; straightforward program changes; and changes to courses which affect another college.

Contents include submissions for information and approval from the following colleges:

College of Engineering
College of Graduate Studies & Research
College of Nursing
Western College of Veterinary Medicine

Approval: Date of circulation: August 17, 2016
 Date of effective approval if no challenge received: August 31, 2016

Next scheduled posting:

The next scheduled Challenge document posting will be September 16, 2016, with a submission deadline of **September 14, 2016**. Urgent items can be posted on request.

Please direct challenges to both of the following: seanine.warrington@usask.ca in Registrarial Services and amanda.storey@usask.ca in the Office of the University Secretary.

College of Engineering, University Course Challenge – August, 2016

The following curricular changes were approved by the College of Engineering on August 4, 2016 and are being submitted to University Course Challenge for approval.

Program Revisions:

Civil Engineering

Engineering (B.E.) - Bachelor of Science

Year 1 (34 credit units)

All Engineering programs have a common first year.

Year 2 (38 credit units)

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Year 3 (36 credit units)

Term 1

- ~~CE 311.3~~
- CE 315.3
- CE 317.3
- CE 318.3
- CE 328.3
- ~~CE 420.3~~
- GE 348.3

Term 2

- CE 319.3
- CE 321.3
- CE 327.3
- CE 329.3
- CE 330.3
- ~~3 credit units Engineering or Science Elective~~
- 3 credit units Senior Humanities or Social Science Elective

Year 4 (36 credit units)

Term 1

- ~~CE 420.3~~

Term 2

- [GE 449.3](#)

Term 1 and Term 2

- [CE 495.6](#)

Term 1 or Term 2

- ~~15 credit units CE Elective courses (Groups A to E)~~
- ~~3 credit units CE Elective course (Groups A to F)~~
- ~~3 credit units Senior Humanities or Social Science Elective~~
- ~~3 credit units Open Elective~~
- 27 credit units (9 courses) from Groups W, G, S, P, and R:
 - Four courses; one from each of Groups W, G, S, and P
 - Four additional courses from any combination of W, G, or S
 - One additional course from W, G, S, P, or R

Electives

Science Elective

If [GEOL 121.3](#) is not taken as the science elective in Year 1, it must be taken in Term 1 of Year 2.

List 1

- [BIOL 120.3](#)
- [CHEM 115.3](#)
- [GEOL 121.3](#)
- [PHYS 125.3](#)

List 2

- [ASTR 213.3](#)
- [ASTR 214.3](#)
- [CHEM 221.3](#)
- [CHEM 231.3](#)
- [CHEM 242.3](#)
- [CHEM 250.3](#)
- [EVSC 203.3](#)
- [EVSC 210.3](#)
- [GEOG 120.3](#)
- [GEOL 224.3](#)
- [GEOL 245.3](#)
- [GEOL 258.3](#)

Engineering or Science Elective

- [GEOG 240.3](#)
- [PLAN 341.3](#)
- [PLAN 342.3](#)
- [PLAN 346.3](#)
- [PLAN 350.3](#)
- [PLAN 442.3](#)
- [PLAN 446.3](#)
- Group A to F Electives (see below)
- or any other Engineering or Science course, as per approval by the College

CE Elective Courses

CE electives are offered subject to minimum enrolment and staffing considerations. ~~Electives must include courses from at least three of Groups A, B, C, D, or E W, G, S, P, R:~~

A: Hydrotechnical (CE 415.3, CE 464.3);

B: Environmental (CE 414.3, ENVE 478.3, ENVE 481.3);

C: Geotechnical (CE 466.3, CE 468.3, GEOE 475.3);

D: Structures (CE 418.3, CE 463.3, CE 470.3, CE 474.3);

E: Transportation (CE 417.3, CE 467.3);

F: Related Electives (CE 421.3, GEOE 315.3, GEOE 466.3, PLAN 341.3, PLAN 350.3)

W: Water and Municipal Engineering (CE 415.3, CE 464.3, GEOE 475.3, ENVE 414.3);

G: Soil, Pavement and Geotechnical Engineering (CE 466.3, CE 468.3, CE 417.3, GEOE 315.3);

S: Structural Engineering (CE 418.3, CE 463.3, CE 470.3, CE 474.3);

P: Projects and Processes (CE 467, CE 421, ENVE 481);

R: Related Courses (400-level RCM courses, PLAN 341.3, PLAN 350.3)

Senior Humanities or Social Science Elective

Please note: due to accreditation requirements, only select GEOG courses can be applied toward the “Senior Humanities and Social Science” and “Complementary Studies” elective requirements in the Bachelor of Science in Engineering (B.E.) program. The specific courses are listed below.

- [200-Level, 300-Level or 400-Level ANTH Courses](#)
- [200-Level, 300-Level or 400-Level ARCH Courses](#)
- [200-Level, 300-Level or 400-Level CLAS Courses](#)
- [200-Level, 300-Level or 400-Level ECON Courses](#)
- [200-Level, 300-Level or 400-Level ENG Courses](#)
- [200-Level, 300-Level or 400-Level HIST Courses](#)
- [200-Level, 300-Level or 400-Level INDG Courses](#)

- [200-Level, 300-Level or 400-Level PHIL Courses](#)
 - [200-Level, 300-Level or 400-Level POLS Courses](#)
 - [200-Level, 300-Level or 400-Level PSY Courses](#)
 - [200-Level, 300-Level or 400-Level RLST Courses](#)
 - [200-Level, 300-Level or 400-Level SOC Courses](#)
 - [200-Level, 300-Level or 400-Level WGST Courses](#)
 - GEOG Select 200, 300, or 400 Level
 - [GEOG 130.3](#)
 - [GEOG 202.3](#)
 - [GEOG 204.3](#)
 - [GEOG 208.3](#)
 - [GEOG 240.3](#)
 - [GEOG 280.3](#)
- Exception: [ECON 204.6](#) cannot be used to meet the Complementary Studies, Senior Humanities or Social Science elective requirements of the program.
 - Exception: [PSY 233.3](#) cannot be used to meet the Complementary Studies, Senior Humanities or Social Science elective requirements of the program.
 - Exception: [PHIL 241.3](#) cannot be used to meet the Senior Humanities or Social Science elective requirements of the program.
 - Exception: [SOC 225.3](#) cannot be used to meet the Complementary Studies, Senior Humanities or Social Science elective requirements of the program.
 - The following Engineering courses will also satisfy the Humanities/Social Science elective requirement: [RCM 400.3](#), [RCM 401.3](#), [RCM 402.3](#), [RCM 403.3](#), [RCM 404.3](#), [RCM 405.3](#), [RCM 406.3](#), [RCM 407.3](#), [RCM 408.3](#), [RCM 409.3](#), and [RCM 495.3](#).

Rationale: These program revisions are a result of a two-year review of the Civil Engineering program. The objective is to ensure that students have a reasonable depth of core CE subjects, while simultaneously allowing students to specialize should they wish to do so.

Course Revisions:

CE 463.3 — 2(3L-3P alt weeks)

Advanced Structural Analysis

Deals with advanced techniques for the analysis of determinate and indeterminate structures, including energy-based methods, moment distribution method with joint translation, influence lines, non-prismatic members. Computer analysis based on the stiffness formulation is presented for space frames. Finite element analysis is introduced for plate-like elements loaded in their own plane. Emphasis is placed on basic analytical techniques, followed by computer verification.

Prerequisite(s): CE 317.

Prerequisite(s) or Corequisite(s): CE 418 or CE 470

CE 420.3 — 1(3L-3P alt weeks)

Project Engineering

An introduction to the engineering and construction industries: the engineer's role in industry, construction and the economy. Deals with various aspects of engineering including, work plans and related studies. It also deals with the marketing of engineering services. It discusses control on construction projects and methods of ensuring quality. Construction tendering is covered in detail, including the preparation of instructions to bidders, General and supplementary conditions, specifications, receiving tenders and awarding contracts. Bidding and estimating is also discussed. Computerized precedence network scheduling using various software packages is demonstrated. This course includes discussions on construction claims, professional liability, arbitration and the use of courts to settle disputes.

~~Prerequisite(s): GE 348.~~

~~Prerequisite(s) or Corequisite(s): EN Three Year Common Core and 39 credit units from EN Senior Courses.~~

~~Prerequisite(s) or Corequisite(s): GE 348, EN Three Year Common Core, and 39 credit units from EN senior courses.~~

Course Deletion:**CE 311.3 — 1(3L-3P alt weeks)**

Continuum Mechanics

The application of equilibrium analysis to materials and systems that can be treated as continua. The laws of equilibrium, compatibility, and constitutive relationships are used to reduce physical problems to mathematical expressions. Concepts are introduced in the context of elastic theory and extended to other areas of relevance to civil engineering such as fluid flow, plasticity, viscoelasticity, and multi-phase material behaviour.

Prerequisite(s): CE 212 and GE 213.

Rationale: CE 311 is being removed as part of the core CE curriculum, and is therefore no longer necessary.

College of Graduate Studies and Research (CGSR)

The curricular changes listed below have been approved by the College of Graduate Studies and Research during June, July, and August 2016, and are submitted to the University Course Challenge for information.

University Course Challenge – August 2016

Program Modifications:

Revised Master of Arts in Anthropology Program Requirements

Students must maintain continuous registration in the ANTH 994 course.

- [GSR 960.0](#)
- [GSR 961.0](#) if research involves human subjects
- [GSR 962.0](#) if research involves animal subjects
- minimum 12 credit units including:
 - [ANTH 801.3](#)
 - [ANTH 802.3](#) or an alternate course in research methodology approved by the department
 - [ANTH 804.3](#) or [ANTH 806.3](#)
 - [ANTH 990.0](#)
 - [ANTH 994.0](#)
 - 3 credit units of electives chosen in consultation with supervisory committee
- oral thesis defense

Rationale: To allow alternate research methods options to better align with research work.

Revised Master of Science in Large Animal Clinical Sciences

Students must maintain continuous registration in [VLAC 994.0](#)

- [GSR 960.0](#)
- [GSR 961.0](#) if research involves human subjects
- [GSR 962.0](#) if research involves animal subjects
- a minimum of ~~15~~12 credit units
- [VLAC 994.0](#)
- [VLAC 990.0](#)

Revised Transfer from Master's to Ph.D. in Large Animal Clinical Sciences

Students must maintain continuous registration in the 996 course.

Contact: Kelly Clement (Kelly.clement@usask.ca)

- [GSR 960.0](#)
- [GSR 961.0](#) if research involves human subjects
- [GSR 962.0](#) if research involves animal subjects
- minimum of ~~21~~18 credit units
- [VLAC 990.0](#)
- [VLAC 996.0](#)
- Comprehensive exam

Rationale: To align program requirements with comparator programs.

Revised Master of Science in Geological Sciences

Students must maintain continuous registration in the 994 course.

- [GSR 960.0](#)
- [GSR 961.0](#) if research involves human subjects
- [GSR 962.0](#) if research involves animal subjects
- a minimum of 9 credit units
- [GEOL 994.0](#)
- [GEOL 990.0](#)
- ~~background assessment test~~
- ~~evaluation of research potential exams~~

Rationale: To improve completion times by removing additional testing requirements that are not common in master's-level programming.

Revised Master of Science in Computer Science

Students must maintain continuous registration in the 994 course.

- [GSR 960.0](#)
- [GSR 961.0](#) if research involves human subjects
- [GSR 962.0](#) if research involves animal subjects
- a minimum of ~~15~~12 credit units, including:
 - ~~CMPT 880.3~~
 - [CMPT 990.0](#)
 - [CMPT 994.0](#)

Revised Doctor or Philosophy in Computer Science

Students must maintain continuous registration in the 996 course.

- [GSR 960.0](#)
- [GSR 961.0](#) if research involves human subjects
- [GSR 962.0](#) if research involves animal subjects
- a minimum of 6 credit units, ~~including:~~
 - ~~CMPT 890.3. If a student has completed CMPT 880.3 or received for a similar graduate-level course in the topic of research methodology as part of a previous degree, another 3 credit unit course must be completed. Please consult the department for further details.~~
 - ~~At least 3 additional credit units at the graduate level, as approved by the department.~~

Contact: Kelly Clement (Kelly.clement@usask.ca)

Revised Transfer from Master's to Ph.D. in Computer Science

Students must maintain continuous registration in the 996 course.

- [GSR 960.0](#)
- [GSR 961.0](#) if research involves human subjects
- [GSR 962.0](#) if research involves animal subjects
- a minimum of ~~24~~ 18 credit units, including:
 - ~~CMPT 880.3 or CMPT 890.3~~
 - [CMPT 990.0](#)
 - [CMPT 996.0](#)
- comprehensive exam

Rationale: To align program requirements with comparator institutes and to remove the requirement for generalized research methods to allow greater focus on methodology consistent with students research area.

Revised Master of Public Policy Program Requirements

All courses taken by students in this program have a minimum passing grade of 70%. Students must maintain continuous registration in the 994 course.

- [GSR 960.0](#)
- [GSR 961.0](#) if research involves human subjects
- [GSR 962.0](#) if research involves animal subjects
- minimum 15 credit units, including
 - a minimum of 3 credit units from the following:
 - [JSGS 805.3](#)
 - [JSGS 862.3](#)
 - [JSGS 865.3](#)
 - a minimum of 3 credit units from the following:
 - [JSGS 803.3](#)
 - [JSGS 851.3](#)
 - a minimum of 3 credit units from the following:
 - [JSGS 806.3](#)
 - [JSGS 867.3](#)
 - a minimum of 3 credit units from the following:
 - [JSGS 817.3](#)
 - [JSGS 846.3](#)
 - [JSGS 849.3](#)
 - [JSGS 854.3](#)
 - [JSGS 859.3](#)
 - [JSGS 863.3](#)
 - [JSGS 864.3](#)
 - [JSGS 870.3](#)
 - a minimum of 3 credit units of electives
 - [JSGS 990.0](#)
 - [JSGS 994.0](#)

Rationale: To provide more options for restricted electives to align with research work.

Implement Postgraduate Diploma

Postgraduate Diploma in Educational Foundations

Admission Requirements

- Bachelor of Education (B.Ed.) or equivalent from a recognized university
- a cumulative weighted average of at least 65% (U of S grade system equivalent) in the last two years of study (e.g. 60 credit units)
- Language Proficiency Requirements: Proof of English proficiency may be required for international applicants and for applicants whose first language is not English. See the College of Graduate Studies and Research Academic Information and Policies in this Catalogue for more information

Degree Requirements

- a minimum of 30 credit units (18 cu must be at the 800-level; up to 12 cu can be at the 300/400 level)

Rationale: To increase opportunities for graduate programming and provide transitioning opportunities for master's program admission.

Course Modification:

ENVS 828.3 — 1/2(1.5L-2P)

~~Stable Isotopes in the Biosphere~~ Isotope Tracers in Catchment Hydrology

This course is an introduction to the principles of stable isotope chemistry as applied to environmental research in the hydrosphere and biosphere, focusing on the use of stable isotope investigative tools in a variety of ecological situations.

Prerequisite(s): Bachelor of Science.

Rationale: To better align course title with content.

Contact: Kelly Clement (Kelly.clement@usask.ca)

College of Nursing – August 2016 University Course Challenge

The following curricular changes were approved by the College of Nursing Faculty Council on June 8, 2016 and are now submitted to the University Course Challenge for review and approval. Changes are noted in red, as follows:

Minor Program Revision:

Bachelor of Science in Nursing (B.S.N.) (132 credit units)

Pre-Professional Year 1 (30 credit units)

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Registration

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Register for the following courses (or their equivalents) (21 credit units):

- 3 credit units of English: [ENG 110.6](#) or [ENG 111.3](#) or [ENG 112.3](#) or [ENG 113.3](#) or [ENG 114.3](#) or [ENG 120.3](#) or equivalent
- 3 credit units of Indigenous Studies: INDG 100- 400 level or equivalent or the University of the Arctic Courses [BCS 321.3](#) or [BCS 322.3](#) or equivalent
- 3 credit units of Psychology: [PSY 121.3](#) ([PSY 100.3](#) or [PSY 110.6](#)) or equivalent
- [CHEM 112.3](#) or equivalent
- [BIOL 120.3](#) or equivalent
- [STAT 244.3](#) or equivalent. Choose from: [STAT 244.3](#); [STAT 245.3](#); [STAT 246.3](#); [PLSC 214.3](#); [COMM 104.3](#) + [COMM 207.3](#); [PSY 233.3](#) + [PSY 234.3](#); [ECON 204.6](#); [GEOG 302.3](#); ~~[SOC 225.3](#)~~ + [SOC 325.3](#); [PSY 233.3](#) + [COMM 207.3](#)
- [NUTR 120.3](#) or equivalent *pre-existing Nutrition credit must have been obtained within the past 10 years

Course Revision:

NURS 205.3 — 2(3L)

Research for Evidence Informed Practice

Emphasis will be on critical appraisal, translation, and uptake of existing research as a basis for evidence-informed practice. Introduces students to research concepts, methodologies, and issues in research and health care.

Prerequisite(s): STAT 244 or STAT 245 or STAT 246 or PLSC 214 or (COMM 104 and COMM 207) or (PSY 233 and PSY 234) or ECON 204 or GEOG 302 or (~~SOC 225 and~~ SOC 325) or (PSY 233 and COMM 207). Statistics courses from other post-secondary institutions may also be acceptable. Please see the College of Nursing for information.

Rationale: The College of Nursing learned from the Admission's office that SOC 325 on its own is sufficient to fulfill the statistics prerequisite for nursing. Therefore, students DO NOT need both of SOC 225 and SOC 325. The Admissions' office received an email from the Stats department regarding this March 31, 2015.

Program Clarification:

B.S.N. and PDBSN

The College of Nursing accepts the following courses toward the restricted electives requirement in the BSN and PDBSN program:

Nursing Year 4 (30 credit units)

- [NURS 422.3](#)
- [NURS 430.3](#)
- [NURS 431.6](#)*
- [NURS 440.3](#)
- [NURS 441.3](#)
- Nursing elective (3 credit units). Students will choose one of the eligible nursing electives from the Restricted Electives List below, or other courses with approval from the College of Nursing.
- [NURS 450.9](#)*
- *Students are expected to have at least one clinical experience outside of the city in which they study.

Restricted Electives List:

Course	Title	
U of S		
NURS 478.3	Rural Nursing	
NURS 486.3	Forensic Nursing in Secure Environments	
NURS 476	Health and Aging	
NURS 483	Cultural Diversity and Aboriginal Health	
PHIL 234.3	Biomedical Ethics	
GERO 301.3	Interprofessional Perspectives on Aging	
CHEP 403.3	Global Health II	
GEOG 204.3	Geography of the Prairie Region	
PHIL 224.3	Philosophy of Sexuality	
PHIL 231.3	Moral Problems	
PHIL 293.3	Philosophy of Death	
CHEP 403.3	Global Health II	
SOC 204.3	Rural Sociology	
SOC 205.3	Comparative Race and Ethnic Relations	
SOC 238.3	Sociology of Health Illness & Health Care	
SOC 235.3	Sociology of Aging	
SOC 219.3	Aboriginal Peoples and Justice in Canada	
SOC 242.3	Introduction to Sociology of Womens Studies	
PSY 207.3	Psychology of Death & Dying	
PSY 213.3	Child Development	
PSY 214.3	Adolescent Development	
PSY 216.3	Psychology of Aging	
PSY 222.3	Personality	
PSY 223.3	Abnormal Psychology	
PSY 227.3	Human Sexuality	
POLS 222.3	Aboriginal Governance Politics	
POLS 262.3	Introduction to Global Governance	
KIN 223.3	Contemporary Health Issues	
KIN 232.3	Physical Activity in Society	
KIN 423.3	Physical Activity for Persons with Impairment	
KIN 424.3	Aging and Activity	
KIN 426.3	Health Aspects of Physical Activity and Physical Fitness	
WGST 201.3	Images of Gender and Sexuality in Popular Culture	
WGST 210.3	Gendered Perspectives on Current Events	

Athabasca		
NURS 322	Nursing Informatics	
Phil 335	Biomedical Ethics	
U of R		
Kin 110	Sociology of Sport, Recreation and Physical Activity (equivalent to KIN 232.3 at U of S)	
KIN 170	Life Style, Health and Wellness (equivalent to KIN 223.3 at U of S)	
KHS 325	Interprofessional Collaboration for Health, Justice and Learning (no equivalent)	
Phil 273	Biomedical Ethics (equivalent to PHIL 234.3 at U of S)	
SOC 222	The Sociology of Health (equivalent to SOC 238.3 at U of S)	
SOC 208	Inequality and Social Justice (transfers as SOC SR to U of S)	
SOC 211	Ethnic and Cultural Diversity in Canada (transfers as SOC 205 at U of S)	
SOC 212	Gender (transfers as SOC 242.3 at U of S)	
SOC 217	Rural Societies (equivalent to SOC 204 at U of S)	
SOC 325	Science and Technology	
PSYC 230	Perspectives on Personality (transfers as PSY SR to U of S)	
PSYC 310	Child Development (equivalent to PSY 213.3 at U of S)	
PSYC 311	Adolescent Psychology (equivalent to PSY 214.3 at U of S)	
PSYC 321	Forensic Psychology	
PSYC 333	Abnormal Psychology (equivalent to PSY 223.3 at U of S)	

To receive credit for a restricted elective the class must have been completed within the last 6 years from date of admission to the program. A grade of 60% will be required to receive credit from courses taken outside the College of Nursing.

University Course Challenge – August, 2016

The following curricular changes were approved by the Western College of Veterinary Medicine on May 31, 2016 and are now being submitted to University Course Challenge for approval:

VLAC 491.1 Beef Industry Elective (12L)

This course is a continuation of VLAC 310: Animal management and production II. This elective course is designed to provide veterinary students with an interest in beef food supply medicine a background to the beef industries structure, organization and economics. The major areas of focus will be methods of disease prevention, economics, health/production record keeping/analysis, and methods of enhancing growth promotion.

Restriction: Only open to students in the third year of the D.V.M. program.

VLAC 493.2 Ruminant Nutrition (24L)

This course is a continuation of VLAC 211 and VLAC 310: Animal Management and Production 1 and 2. This elective course is designed to provide those students with an interest in food supply veterinary medicine a better understanding of the principles of nutritional management of beef cattle and dairy cattle. Lectures and practicums will focus on applied nutritional principles within these industries including grazing and feeding management.

Restriction: Only open to students in the third year of the D.V.M. program.

VTPA 420.1 Introduction to Fish Health (20L-4P)

The objectives of this course are to provide an introduction to issues impacting wild and captive fish stocks globally. As well we will review some of the unique anatomical, histological and physiological attributes of fish. We will discuss the major diseases of fresh water and marine fish, both in the wild and in captivity. The students will be taught basic necropsy and diagnostic techniques employed in the investigation of fish mortalities. This course will be of interest to veterinarians planning a career in exotic pet medicine, zoological medicine, veterinary pathology, or wildlife veterinary medicine.

Restriction: Only open to students in the third year of the D.V.M. program.

VLAC 495.1 Equine Health Management and Clinical Techniques (6L-6P)

This course is designed to enhance the students' knowledge of, and technical expertise in, some of the common components of the health management of horses, including, but not limited to, dentistry, parasite control, and disease prevention. The course content may vary from year to year, but students can expect to expand their understanding of the veterinarian's role in equine herd and individual health management.

Restriction: Only open to students in the third year of the D.V.M. program.

VLAC 490.1 Equine Nutrition (12L)

The course will cover nutrition basics, evaluation of the equine diet, ration formulation, and the interpretation of nutrient analyses. Students will gain a deeper understanding of the role diet can play in various diseases (nutritional and non-nutritional diseases) and will gain confidence in advising clients on diet selection to prevent or treat nutritional diseases. Hands-on labs will include gross inspection of feed and body condition scoring of horses. Topics will include feed identification and forage analysis, ration analysis, life stage feeding, and feeding to prevent and/or treat specific nutritional diseases, such as equine metabolic syndrome, gastric ulcer syndrome, laminitis, myopathies, and refeeding syndrome.

Restriction: Only open to students in the third year of the D.V.M. program.

VLAC 494.2 Equine Surgery (14L-6P)

This offering will build on information provided in the Equine Medicine and Surgery course with a primary goal of providing in-depth presentations in areas important to students interested in pursuing Equine Practice. In addition to didactic sessions, there will be opportunities to develop radiographic and ultrasound examination skills. The program will summate with a series of case based student presentations.

Restriction: Only open to students in the third year of the D.V.M. program.

VSAC 478 Small Animal Clinical Behaviour (20L-4P)

This course will train veterinary students in the diagnosis, management, treatment, and prevention of common behaviour problems in dogs, cats, and companion exotic animals. The course will begin with basic learning theory and principles of behaviour modification, and progress to its application to the treatment of specific conditions such as: aggression, anxiety disorders, repetitive behaviour disorders, and more. Clinical psychopharmacology will be covered. Lab time will allow students to develop hands-on force free training skills and gain experience with desensitization/counter-conditioning training techniques.

Restriction: Only open to students in the third year of the D.V.M. program.

Rationale: All of the above courses have been offered twice as special topics courses and therefore must become regularized offerings.