



**UNIVERSITY OF
SASKATCHEWAN**

Academic Programs Committee of Council University Course Challenge

Scheduled posting: June, 2012

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Approval:

Date of circulation: June 15, 2012

Date of effective approval if no Challenge received: June 29, 2012

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 August 2012, with a submission deadline of August 15, 2012. Urgent items can be posted on request.

Agriculture and Bioresources

BSc. In Renewable Resource Management

The following changes are proposed for the BSc (R.R.M.) degree

Minor in Agribusiness

The Agribusiness minor is an approved minor area of specialization in the B.S.A. degree. It is being added as an approved minor area of specialization in the B.Sc. (R.R.M.) degree. This will allow students with an interest in this area to have it recognized on the academic transcript. This minor is under the academic authority of the Department of Bioresource Policy, Business and

Economics and the department has approved the adoption of this minor for the students in this program.

Minor in Animal science

Animal Science is an approved minor area of specialization in the Bachelor of Science in Agriculture degree. It is being added as an approved minor area of specialization for students enrolled in the Bachelor of Science in Renewable Resource Management. This will allow students with an interest in this area to have it recognized on the academic transcript. The Department of Animal Science has authorized the adoption of this minor for students in this program.

Minor in Rangeland Resources

Rangeland Resources is an approved minor area of specialization in the Bachelor of Science in Agriculture degree. It is being added as an approved minor area of specialization for students enrolled in the Bachelor of Science in Renewable Resource Management. This will allow students with an interest in this area to have it recognized on the academic transcript. The Department of Plant Sciences has authorized the adoption of this minor for students in this program.

New course

RRM 494.6, Extended Research Project in Renewable Resource Management

Prerequisite: Completion of 81 credit units towards completion of the B.Sc. (R.R.M.) degree and a minimum 70% cumulative average.

This course will provide an opportunity for students of the Renewable Resource Management program who have demonstrated the interest and ability to pursue an undergraduate research experience in Renewable Resource Management. The student will conduct a laboratory and/or field project which includes a review of relevant literature, data collection, analysis, interpretation, and communication of results under the supervision of a member of faculty. The student must obtain cooperation of the member of faculty who supervises and mentors the student as she or he conducts their research.

Rationale: This course allows students in the Renewable Resource Management Program an opportunity for a research experience.

Education

Items for Information:

Change of label: Please note that these items were missed on the earlier label change item from Educational Foundations:

ECNT JR	EFDT JR used for Transfer Credit Equivalency
ECNT SR	EFDT SR used for Transfer Credit Equivalency
ECNT UNSPEC	EFDT UNSPEC used for Transfer Credit Equivalency

Change of “Natural Science” headings to “Science” in Bachelor of Education programs. This reflects the recent change in Arts and Science.

Engineering

The following items have been approved by Academic Programs & Standards Committee:

1. *Chemical Engineering Program for the 2013-14 Calendar*

i) *CHE 364.3 Petrochemical Engineering*

Effective in 2012-13 CHE 364.3 – Group A Elective will be offered every other year.

Clarification: CHE 364.3 will be offered in 2012-13, but not in 2013-14.

ii) *Prerequisite Change for CHE 414.3 Chemical Engineering Laboratory II*

From: Prerequisite(s): CHE 315, CHE 320 and CHE 333 (taken)
Prerequisite(s) or Corequisite(s): CHE 423

To: Prerequisite(s): CHE 315 and CHE 333 (taken)

Prerequisite(s) or Corequisite(s): CHE 423

Rationale: CHE 320 has been removed as a core class on the program and it is now a Group B elective.

iii) *Prerequisite Change for CHE 477.3 Applications of Numerical Methods*

From: Prerequisite(s): MATH 224 and (GE 111 or GE 120 or MATH 264 or MATH 266).

Prerequisite(s) or Corequisite(s): CHE 322

To: Prerequisite(s): MATH 224 and (GE 111 or MATH 264 or MATH 266).

Prerequisite(s) or Corequisite(s): CHE 322.

Rationale: GE 120 has not been offered for over five years.

2. *Geological Engineering Program*

i) *Prerequisite Changes for 2013-14 Calendar*

GEOE 412.3 Reservoir Mechanics

From: **Prerequisite(s) or Corequisite(s):** (CE 328.3 or CHE 320 or ME 335) and GEOL 245.

To: Prerequisite(s) or Corequisite(s): (CE 328.3 or CHE 324 or ME 335) and GEOL 245.

Rationale: That CHE 320 is no longer offered as a core course in the CHE program and therefore CHE 324 has the technical requirements required for this course as recommended by the Chemical Engineering Department.

GEOE 475.3 Advanced Hydrogeology

From: Prerequisite(s) or Corequisite(s): (BLE 432 or CE 328 or CHE 320 or ME 335) or (CHEM 112 and MATH 110 and 30 credit units from GEOL 200-499).

To: Prerequisite(s) or Corequisite(s): (BLE 432 or CE 328 or CHE 324 or ME 335) or (CHEM 112 and MATH 110 and 30 credit units from GEOL 200-499).

Rationale: That CHE 320 is no longer offered as a core course in the CHE program and therefore CHE 324 has the technical requirements required for this course as recommended by the Chemical Engineering Department.

3. *Environmental Engineering Program Calendar Change for 2013-14*

From: Year 3 Term 1
BLE 312.3 or EE 204.3

**To: Year 3 Term 1
BLE 312.3**

Rationale: EE 201.3 (now EE 204.3) will remain equivalent however does not need to be directly listed. This will avoid confusion amongst students as EE 204.3 does not fit into a regular timetable.

Graduate Studies and Research

Educational Foundations

Item for Information: Change of course labels

Item for Approval: Course Deletions

The Department of Education Foundations offers classes through the EFDT, EIND and ECNT course labels.

EIND courses were historically offered by the department of Indian and Northern Education. ECNT classes have been offered through the Adult and Continuing Education strand from within Educational Foundations since 1993. Concentrated areas of study in EFDT, EIND, or ECNT were a feature of our graduate program until a removal of specializations was approved in March 2010. The Integrated M.Ed. that now exists provides interdisciplinary study and these course remain within Educational Foundations current graduate programs.

On Nov. 4, 2011 the Department approved changing all EIND and ECNT course prefixes to EFDT. On March 16, 2012 the College of Education approved the label changes. The undergraduate label changes went to UCC as an item for information in April 2011.

Current Course Label/Number	New Course Label/Number
ECNT 810	EFDT 810 NOTE: cannot receive credit for ECNT 810 and EFDT 810
ECNT 872	EFDT 811 NOTE: cannot receive credit for ECNT 810 and EFDT 810
ECNT 875	EFDT 812 NOTE: cannot receive credit for ECNT 875 and EFDT 812
ECNT 878	EFDT 813 NOTE: cannot receive credit for ECNT 810 and EFDT 810
ECNT 885	EFDT 815 NOTE: cannot receive credit for ECNT 885 and EFDT 815
ECNT 890	EFDT 816 NOTE: cannot receive credit for ECNT 890 and EFDT 816
ECNT 891	EFDT 817 NOTE: cannot receive credit for ECNT 891 and EFDT 817
ECNT 892	EFDT 818 NOTE: cannot receive credit for ECNT 892 and EFDT 818
ECNT 897	EFDT 819 NOTE: cannot receive credit for ECNT 810 and EFDT 810
EIND 810	EFDT 842 NOTE: cannot receive credit for EIND 810 and EFDT 842
EIND 851	EFDT 843 NOTE: cannot receive credit for EIND 851 and EFDT 843
EIND 852	EFDT 844 NOTE: cannot receive credit for EIND 852 and EFDT 844
EIND 855	EFDT 845 (will change in list of research courses for M.Ed. in University Catalogue) NOTE: cannot receive credit for EIND 855 and EFDT 845
EIND 871	EFDT 846 NOTE: cannot receive credit for EIND 871 and EFDT 846

To be deleted as a result of the label change:

ECNT 898	To be deleted – use EFDT 898
ECNT 899	To be deleted – use EFDT 899
EIND 898	To be deleted – use EFDT 898

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Approval: Graduate Programs Committee, May 2, 2012