



## Academic Programs Committee of Council

### University Course Challenge

**Scheduled posting:** September 16, 2011

**Contents:**

**Arts & Science** **page 1**  
Item for information regarding a Physics prerequisite

**College of Education** **page 1**  
Revisions to teaching areas

**Approval:**

Date of circulation: September 16, 2011

Date of effective approval if no Challenge received: September 30, 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 October, 2011, with a submission deadline of Oct. 12. Urgent items can still be posted on request.

## College of Arts & Science

### Physics and Engineering Physics

**Item for Information:**

Regarding the new course PHYS 383 Quantum Physics, it should be noted that MATH 338.6 can be either a prerequisite or a co-requisite for this course. Some students take MATH 338 before taking PHYS 383.

## College of Education

### Revised Teacher Areas

Students graduating with a Bachelor of Education are required to complete a particular number of credit units in at least two 'teaching areas' (disciplinary fields) that are tightly aligned with Saskatchewan pre-Kindergarten to grade twelve curriculum areas. Our present calendar entry regarding teaching area requirements is overly complicated and based on an older version of provincial curricula. The rationalization of the teaching area descriptions has been undertaken in order to update and streamline teaching area descriptions to better match with revised provincial curricula and has been done through a consultation process involving department heads in Arts & Science, members of the College of Kinesiology and personnel in Teacher Services, Saskatchewan Ministry of Education (responsible for teacher certification).

In the revised list of teaching areas (to be included in our calendar entry) some of subjects listed above have been clustered together to form an overarching teaching area. This arrangement matches the way in

which the provincial curriculum clusters these subjects. (The list of provincial curriculum areas can be found at: <http://www.education.gov.sk.ca/curr-rsces>).

The 'old' list indicated each of the following as individual teaching areas:	The revised list indicates the following as individual teaching areas (in bold):
Art Biology Chemistry Classics Computer Science Cree Drama Economics English Language Education French Geography, Physical & Human Geology German History Home Economics Industrial Arts Mathematics Music Native Studies Physical Education (Kinesiology) Physics Religious Studies Russian Science Social Studies Spanish Ukrainian	<b>Arts Education</b> (interweaves Drama, Music and Visual Arts at elementary grade levels; Drama, Music and Visual Arts are specified at secondary grade levels) <b>English Language Arts</b> <b>Mathematics</b> <b>Modern Languages</b> (includes Cree and French) <b>Physical Education/ Kinesiology</b> <b>Practical &amp; Applied Arts</b> <b>Science</b> (General Science at elementary grade levels; Biology, Chemistry & Physics are specified at secondary grade levels) <b>Social Sciences/Social Studies</b> (includes Native Studies and History, with Human Geography, Religious Studies, Economics, Sociology, Political Science, Anthropology, Classics (history stream).

The rationalization of teaching areas does not actually change processes by which student are admitted to the College. Since the mid-1990s, students who have completed a minimum of 60 credit units of pre-professional study coursework (in designated teaching areas plus electives), with a minimum academic average of 60% in courses transferable to the Bachelor of Education degree, are eligible to apply for admission to the College of Education. The rationalization simply updates and streamlines the description of the teaching areas.

These teaching area changes were approved by College of Education faculty in 2010 and are applicable for the class entering the college in September, 2013. Courses used toward previous teaching area requirements are sufficient to meet admission requirements in 2011 and 2012.

### **Courses for Teaching Areas:**

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#### **ARTS EDUCATION (Elementary Only)**

##### ***For Teaching Area I – 18 cu***

6 credit units selected from Art History, Drama or Theatre History and/or Music History

12 credit units selected from Art, Drama and/or Music

##### ***For Teaching Area II – 12 cu***

3 credit units Art History Drama or Theatre History and/or Music History

9 credit units selected from Art, Drama and/or Music

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**ARTS EDUCATION (Secondary): DRAMA**
***For Teaching Area I – 24 cu***
***For Teaching Area II – 15 cu***

6 credit units at the junior level

9 credit units at the senior level

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**ARTS EDUCATION (Secondary): MUSIC**
***For Teaching Area I & II***

To become a specialist secondary music teacher, contact the Music Department for details about of the 5-year combined B.Ed./B.Mus (MusEd) program or people who have completed a B.Mus. can apply for admission to the sequential program.

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**ARTS EDUCATION (Secondary): VISUAL ARTS**
***For Teaching Area I – 24 cu***

6 credit units Art History

18 credit units Art

***For Teaching Area II – 15 cu***

6 credit units Art History

9 credit units Art

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**ENGLISH LANGUAGE ARTS**
***For Elementary Teaching Area I – 18 cu***

6 credit units at the junior level

12 credit units at the senior level

***For Elementary Teaching Area II – 12 cu***

6 credit units at the junior level

6 credit units at the senior level

***For Secondary Teaching Area I – 24 cu***

6 credit units at the junior level

18 credit units at the senior level

***For Secondary Teaching Area II – 15 cu***

6 credit units at the junior level

9 credit units at the senior level

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**MATHEMATICS**
***For Elementary Teaching Area I – 18 cu***

6 credit units at the junior level (courses with the prefix MATH)

12 credit units of senior level (courses with the prefix MATH or STAT)

***For Elementary Teaching Area II – 12 cu***

6 credit units at the junior level (courses with the prefix MATH)

6 credit units of senior level (courses with the prefix MATH or STAT)

***For Secondary Teaching Area I – 24 cu***

6 credit units at the junior level (courses with the prefix MATH)

18 credit units of senior level (courses with the prefix MATH or STAT)

***For Secondary Teaching Area II – 15 cu***

6 credit units at the junior level (courses with the prefix MATH)

9 credit units of senior level (courses with the prefix MATH or STAT)

**MODERN LANGUAGES*****For Elementary Teaching Area I – 18 cu***

6 credit units at the junior level in Cree or French

12 credit units at the senior level in Cree or French

***For Elementary Teaching Area II – 12 cu***

6 credit units at the junior level in Cree or French

6 credit units at the senior level in Cree or French

***For Secondary Teaching Area I – 24 cu***

6 credit units at the junior level in Cree or French

18 credit units at the senior level in Cree or French

***For Secondary Teaching Area II – 15 cu***

6 credit units at the junior level in Cree or French

9 credit units at the senior level in Cree or French

**Note: French** Courses required for admission are FREN 122.3, and FREN 125.3 or approved equivalents. Bilingual / immersion students must complete FREN 128.3 and FREN 218.3 or approved equivalents.

**PHYSICAL EDUCATION*****For Elementary Teaching Area I – 18 cu***

12 credit units composed of KIN 121.3; 122.3; 240.3; and 341.3

6 credit units of KIN at the senior level (KIN 150 considered senior)

***For Elementary Teaching Area II – 12 cu***

12 credit units composed of KIN 121.3; 122.3; 240.3; and 341.3

***For Secondary Teaching Area I & II***

To become secondary physical education teacher, contact the College of Kinesiology for details of the 5-year combined BSc(Kin)/BEd program. People who have a BSc in Kinesiology can apply to the sequential program.

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## SCIENCE – General (Elementary Only)

### *For Teaching Area I – 18 cu*

9 credit units at the junior level, selected from Biology, Chemistry, Physical Geography, Geology, Physics

9 credit units at the senior level selected from Biology, Chemistry, Physical Geography, Geology, Physics, Archeology, Computer Science

### *For Teaching Area II – 12 cu*

Note: For Teaching Area II, any 100 level Science course taken after the first six credits of Science course(s) will be counted as a senior course.

6 credit units at the junior level, selected from Biology, Chemistry, Geography, Geology, Physics

6 credit units at the senior level selected from Biology, Chemistry, Physical Geography, Geology, Physics, Archeology, Computer Science

**Physical Geography:** Courses recommended for students selecting Physical Geography are: GEOG 120.3, 222.3, 233.3, 235.3, 271.3, 323.3, 325.3, 328.3, 335.3, 351.3, 423.3, 490.3

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## SCIENCE (Secondary): BIOLOGY

### *For Secondary Teaching Area I – 24 cu*

6 credit units at the junior level courses, with the prefix BIOL

9 credit units of senior level courses, with the prefix BIOL or PLSC (can be selected from Botany, Zoology, Ecology and Plant Sciences)

9 credit units of senior level courses selected from: Biology, Biomedical Sciences, Health Sciences and Anatomy

### *For Secondary Teaching Area II – 15 cu*

6 credit units at the junior level courses, with the prefix BIOL

6 credit units of senior level courses, with the prefix BIOL or PLSC (can be selected from Botany, Zoology, Ecology and Plant Sciences)

3 credit units of senior level courses selected from: Biology, Micro-Biology, Biomedical Sciences, Health Sciences and Anatomy

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## SCIENCE (Secondary): CHEMISTRY

Note: Several senior chemistry courses require particular prerequisite junior level mathematics courses.

### *For Secondary Teaching Area I – 24 cu*

6 credit units at the junior level courses, with the prefix CHEM

18 credit units of senior level courses, with the prefix CHEM or BMSC (a senior level course in Analytical Chemistry or Inorganic Chemistry is recommended)

### *For Secondary Teaching Area II – 15 cu*

6 credit units at the junior level courses, with the prefix CHEM

9 credit units of senior level courses, with the prefix CHEM or BMSC (a senior level course in Analytical Chemistry or Inorganic Chemistry is recommended)

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## SCIENCE (Secondary): PHYSICS

Note: Several senior physics courses require particular prerequisite junior level mathematics courses

### *For Secondary Teaching Area I – 24 cu*

6 credit units at the junior level courses, with the prefix PHYS  
 18 credit units of senior level courses, with the prefix PHYS or ASTR (junior ASTR will be counted as senior level courses)

### *For Secondary Teaching Area II – 15 cu*

6 credit units at the junior level courses, with the prefix PHYS  
 9 credit units of senior level courses, with the prefix PHYS or ASTR (junior ASTR will be counted as senior level courses)

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## SOCIAL SCIENCES / SOCIAL STUDIES

Note: In all categories, at least 6 credit units of Canadian content must be included.

### *For Elementary Teaching Area I – 18 cu*

6 credit units Native Studies  
 6 credit units History  
 6 credit units selected from: Native Studies, History, Human Geography, Religious Studies, Economics, Sociology, Political Science, Anthropology, Classics (history stream), Women's Studies.

### *For Elementary Teaching Area II – 12 cu*

3 credit units Native Studies  
 3 credit units History  
 6 credit units selected from: Native Studies, History, Human Geography, Religious Studies, Economics, Sociology, Political Science, Anthropology, Classics (history stream), Women's Studies.

### *For Secondary Teaching Area I – 24 cu*

6 credit units Native Studies  
 6-9 credit units History  
 12 credit units selected from: Native Studies, History, Human Geography, Religious Studies, Economics, Sociology, Political Science, Anthropology, Classics (history stream), Women's Studies.

### *For Secondary Teaching Area II – 15 cu*

6 credit units Native Studies  
 6 credit units History  
 3 credit units selected from: Native Studies, History, Human Geography, Religious Studies, Economics, Sociology, Political Science, Anthropology, Classics (history stream), Women's Studies.

**Classics (history stream)** Courses recommended for students selecting Classics (history stream) are: CLAS 110.3, 111.3, 220.3, 225.3, 240.3, 242.3, 247.3, 248.3.

**Human Geography** Courses recommended for students selecting Human Geography are: GEOG 130.3, 202.3, 204.3, 208.3, 240.3, 340.3, 341.3, 342.3, 343.3, 346.3, 350.3, 364.3, 381.3, 385.3, 386.3, 442.3, 446.3, 486.3, 491.3, 495.3.