

SIMON FRASER UNIVERSITY
Senate Committee on University Priorities
Memorandum

TO: Senate

FROM: John Waterhouse
Chair, SCUP
Vice-President, Academic

RE: Minor in Secondary Mathematics
Education

DATE: January 20, 2005

Attached is a proposal from the Senate Committee on Undergraduate Studies for a new Minor in Secondary Mathematics Education in the Faculty of Education.

The Senate Committee on University Priorities reviewed the proposal at its December 1, 2004 meeting. With minor edits which have now been incorporated into the document, the proposal was unanimously approved.

Once approved by Senate and the Academic Operations Committee, the proposal is to be submitted to the Board of Governors.

MOTION

"That Senate approve and recommend to the Board of Governors the proposal for a Minor in Secondary Mathematics Education as outlined in S.05-23"

Attach.

c: R. Blackman
P. Shaker
L. LeMare
R. Zazkis
G. Nicholls

SIMON FRASER UNIVERSITY

MEMORANDUM

To: Senate Committee on University Priorities

From: R. Blackman, Chair
Senate Committee on Undergraduate Studies

Subject: Faculty of Education
Minor in Mathematics Education
(SCUS Reference: SCUS 04-26)

Date: November 17, 2004

R. Blackman

At the SCUS meeting held on November 16, 2004, SCUS approved in principle and recommended approval by SCUP of the new Minor in Mathematics Education.

The relevant documentation is attached for review by SCUP.

Proposal for a Minor in Secondary Mathematics Education

Admission to Minor: Sufficient coursework to teach Secondary Mathematics. (Usually the equivalent of a minor in Mathematics.)

Calendar Entry:

This minor will be of interest to pre-service teachers considering a career in teaching secondary mathematics.

Upper Division Requirements
(minimum of 15 credit hours)

SCUS 04-26

- EDUC 415-4 Designs for Learning: Secondary Mathematics
- EDUC 411-3 Investigations in Mathematics for Secondary Teachers
- One of the following**
 - EDUC 416-4 Designs for Learning: Secondary Science
 - EDUC 433-4 Philosophical Issues in Curriculum
 - EDUC 469-4 Music Education as Thinking in Sound
 - EDUC 358-3 Foundations of Educational Technology
 - EDUC 463-4 Multimedia for Curriculum Design
 - EDUC 482-4 Designs for Learning: Information Technology
- Additional 300 or 400 level course(s) in education to complete the total of at least 15 credits (excluding EDUC 475).

Rationale:

Students will be better equipped to teach mathematics at the secondary level if they take the courses in this minor.

**The list of elective courses is composed of topics that are directly related to mathematics -- technology, science, philosophy and music.