

# SIMON FRASER UNIVERSITY

S.75-4

## MEMORANDUM

To..... SENATE

From..... SENATE COMMITTEE ON UNDERGRADUATE  
STUDIES

Subject... FACULTY OF EDUCATION PROPOSED  
CHANGES

Date..... DECEMBER 23, 1974

MOTION: "That Senate approve, and recommend approval to the Board of Governors, as set forth in S.75-4, the proposed changes to the Specific Minors: in Elementary School Physical Education; in Early Childhood Education; in Learning Disabilities; in Environmental Education."

S.754

SIMON FRASER UNIVERSITY

MEMORANDUM

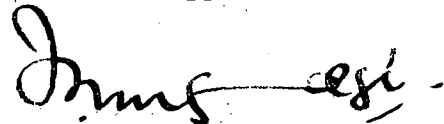
To SENATE

From SENATE COMMITTEE ON UNDERGRADUATE STUDIES

Subject SCUS.74-67 - Faculty of Education,  
Proposed changes.

Date December 19, 1974

At its meeting of 17th December, 1974, the Senate Committee on Undergraduate Studies discussed the attached proposal for changes in the Calendar to: i) specific minor in elementary school physical education; ii) minor in early childhood education; and iii) minor in learning disabilities. This proposal is now forwarded to Senate for its consideration, with the Committee's recommendation that it be approved.



I. Mugridge

:ams

att.

SCUS 74-67A

SIMON FRASER UNIVERSITY

MEMORANDUM

To: SENATE COMMITTEE ON UNDERGRADUATE  
STUDIES

From: H. M. EVANS, SECRETARY

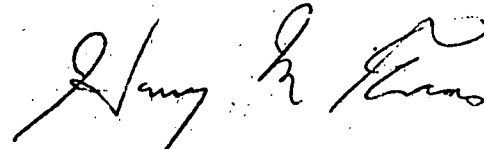
Subject: FACULTY OF EDUCATION PROPOSED CHANGES  
- SCUS 74-67A

SENATE COMMITTEE ON UNDERGRADUATE  
STUDIES

Date: DECEMBER 12, 1974

On December 5, 1974, a paper was distributed dealing with the above mentioned topics - SCUS 74-67.

I have now received a communication from the Dean of the Faculty of Education concerning these particular topics, and have also received a memorandum, dated December 6, 1974, with addenda items. These materials are provided herewith and should be placed with Paper SCUS 74-67.



H. M. Evans

encls.  
HME/rn

Distributed to:

I. Mugridge  
J. Chase  
L. A. Boland  
M. S. O'Connell  
J. J. Weinkam  
B. D. Pate  
W.A.S. Smith  
D. R. Birch  
R. C. Brown  
S. Aronoff  
J. J. Hofmann  
H. Machholz  
M. Shillow  
E. Burkle  
D. Janssen

cc D. A. Baird  
L. Fagerlund  
H. D. Nagel  
R. Norsworthy

# SIMON FRASER UNIVERSITY

## MEMORANDUM

Faculty of Education

From Undergraduate Programs Committee

Subject Addendum

Date December 6, 1974

Please find attached an Addendum to Faculty of Education  
paper FE 74-23.

**EQUIVALENT COURSES**

Currently offered Faculty of Education courses are listed in Column A. They are equivalent to and replace previously-offered courses listed in Column B. The changes relate from such factors as course numbers, titles, credit hours. Students with credit for courses listed in Column B may not take corresponding courses listed in Column A for further credit.

A		B	
Current Courses		Former Equivalent Courses	
EDUC 220-3		EDUC 201-3	
EDUC 230-3		EDUC 202-3	
EDUC 422-4		BSF 423-5	
EDUC 431-4		SPF 434-5 & EDUC 434-5	
EDUC 433-4		SPF 435-5 & EDUC 435-5	
EDUC 437-4		SPF 436-5 & EDUC 436-5	
EDUC 442-4		SPF 432-5 & EDUC 432-5	

**Four Specific Minor Programs are Offered by the Faculty of Education. Each requires the approval of the Director of Undergraduate Programs**

**Minor in Elementary School Physical Education**

The Minor in Elementary School Physical Education provides students in the Professional Development Program with an additional and special competence to teach Physical Education. Note: There is one intake per year (Fall Semester) to the Elementary School Physical Education Minor.

**Prerequisites:**

There are no mandatory lower division courses for the Elementary School Physical Education Minor. However, it is strongly recommended that a prospective student for this program complete at least two of the following courses prior to enrolling in EDUC 401 and preferably during his lower levels:

- KIN. 040-3 Contemporary Health Issues Seminar
- KIN. 042-3 Man and Movement
- KIN. 043-3 Exercise Management
- KIN. 044-3 Esthetic Forms of Human Movement
- KIN. 100-3 Introduction to Kinesiology
- PSYC 105-3 Differential Psychology

**KIN. 142-3 Introduction to Kinesiology**

**E. (R+T)**

Upper Division

- KIN. 303-3 Human Growth and Physical Development
- KIN. 344-3 Theory of Creative Movement
- PSYC 302-3 Learning
- PSYC 303-3 Perception
- PSYC 320-3 Cognitive Processes

Minor in Environmental Education

The Minor in Environmental Education develops teachers' skills in the design and operation of environmental and outdoor education programs from Kindergarten through Grade 12, and in the organization and operation of residential and day centre outdoor education programs, wilderness outdoor recreation programs and other interdisciplinary environmental school programs.

Prerequisites:

A minimum of nine semester hours selected from the following and including introductory courses in both Geography and Biological Sciences selected from the following:

- BISC 003-3 Ecology and the Population Explosion
- BISC 102-3 Introduction to Biology
- BISC 204-3 Introduction to Ecology
- KIN. 042-3 Man and Movement
- KIN. 044-3 Esthetic Forms of Human Movement
- GEOG 001-3 The Geography of Technocratic Society
- GEOG 101-3 General Geography
- GEOG 111-3 Physical Geography
- GEOG 121-3 Economic Geography
- GEOG 141-3 Social Geography
- EGON 101-3 The Canadian Economy
- ECON 200-3 Principles of Economics I
- ECON 205-3 Principles of Economics II
- PHIL 120-3 Facts and Values
- PSA 121-3 Social Structure
- PSA 221-3 Social Structure of Industrial Societies
- PSYC 106-3 Social Issues

Required Courses (At least 14-18 semester hours, as specified below.)

- EDUC 462-4 Environmental Education
- EDUC 452-4 Field Work and Case Studies in Environmental Education

KIN. 142-3 Introduction to Kinesiology

E. (N+T)

S.A. 150-4 Introduction to Sociology  
S.A. 202-4 Modern Industrial Society

E. (N+T) credit  
E. (N+T) credit

In addition to the two courses listed above students are required to select a minimum of two courses from the following:

- EDUC 442-4 Contemporary Issues in World Education  
 EDUC 471-4 Curriculum Development: Theory and Application  
 EDUC 474-4 Designs for Learning: Social Sciences  
 EDUC 476-4 Designs for Learning: Natural Sciences  
 EDUC 479-4 Designs for Learning: Physical Education  
 BISC 304-3 Animal Ecology  
 BISC 306-4 Invertebrate Biology  
 BISC 317-3 Insect Biology  
 BISC 326-3 Biology of Non-Vascular Plants  
 BISC 336-3 Biology of Vascular Plants  
 BISC 404-3 Plant Ecology  
 BISC 409-3 Field Ecology  
 GEOG 314-3 Climatology I  
 GEOG 315-3 Biogeography I  
 GEOG 322-3 Geography of Primary Activities  
 GEOG 344-3 Geography of Contemporary Industrial Societies  
 GEOG 349-3 Human Microgeography  
 GEOG 421-3 Geography of Resource Development  
 GEOG 431-5 The Landscape in Science, Art, Music and Literature  
 KIN 320-3 Cultural Aspects of Human Movement  
 ECON 363-5 Economics of Natural Resources

GEOG. 369-3 Human Microgeography

E. (H.)

#### Minor in Learning Disabilities

The Minor in Learning Disabilities provides in the Professional Development Program a focus designed to enhance a regular classroom teacher's understanding of learning disabilities and provides that teacher with competence to assist in the identification and non-clinical treatment of learning disabilities.

Required Courses (At least 14-18 semester hours as specified below)

- PSYC 351-3 Child Psychology  
 EDUC 422-4 Learning Disabilities  
 EDUC 424-4 Learning Disabilities: Laboratory

Note: the remaining 3-7 semester hours will be selected in consultation with each candidate. The minor must be approved in advance by the Director of Undergraduate Programs.

#### Recommended Courses

- EDUC 421-4 Classroom Learning and Evaluation  
 EDUC 473-4 Designs for Learning: Reading

## SIMON FRASER UNIVERSITY

## MEMORANDUM

SENATE COMMITTEE ON UNDERGRADUATE  
STUDIES

From H. M. EVANS, SECRETARY

SENATE COMMITTEE ON UNDERGRADUATE STUDIES

Subject FACULTY OF EDUCATION - PROPOSED  
CHANGES:

Date DECEMBER 5, 1974

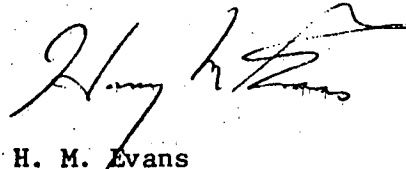
- ~~i) To the Specific Minor in Elementary  
School Physical Education~~  
ii) To the Minor in Early Childhood  
Education  
iii) To the Minor in Learning Disabilities

The Faculty of Education has provided the attached material with request for consideration by SCUS as early as possible in order that approved changes may be included in the next calendar edition.

These items are being considered at a meeting of the Faculty of Education on December 9, with results to be known in advance of the SCUS meeting scheduled for December 10, 1974.

In the material now provided there is brief reference to a proposed Secondary School Physical Education Major and Minor Program, but there has been request for the item to be withdrawn from this consideration at this time.

encls.  
HME/rn

  
H. M. Evans



## SIMON FRASER UNIVERSITY

## MEMORANDUM

To Faculty of Education

From Undergraduate Programs Committee

Subject Substantive Calendar Changes

Date November 28, 1974

- Motion #1 - that the proposed substantive changes and additions to the specific Minor in Elementary School Physical Education be approved (Ref.: 1974-75 S.F.U. Calendar, pages 183-184)
- Motion #2 - that the proposed substantive changes and additions to the specific Minor in Early Childhood Education be approved. (Ref.: 1974-75 S.F.U. Calendar, pages 184-185)
- Motion #3 - that the proposed substantive changes and additions to the specific Minor in Learning Disabilities be approved. (Ref.: 1974-75 S.F.U. Calendar, page 186)

## Rationale for Kinesiology Changes and Additions

A revised Kinesiology Program was approved by Senate in 1974 (S. 74-53). The Kinesiology changes proposed in the three Faculty of Education specific Minors reflect the changes in the Kinesiology Program as approved by Senate. The Kinesiology additions proposed have the effect of increasing the Recommended Kinesiology options available to students wishing to qualify for a specific Minor.

## SIMON FRASER UNIVERSITY

## MEMORANDUM

Faculty Members

From

Subject Rationale for additions to Learning  
Disabilities Minor

Date November 29, 1974

The attached amendments to the calendar description for the Minor in Learning Disabilities are primarily intended to serve an informational function for students; and to document aspects of the Minor that are operationally in effect.

The general description of the Minor has been expanded to specify the actual connection between the Minor and the Professional Development Program.

A number of recommended courses have been added.

The purpose of this listing is for the guidance of students in selecting support studies for the Minor in Learning Disabilities.

## CALENDAR CHANGES

Faculty of Education calendar changes (of a substantive nature) are being made for the following reasons:

1. The decision to specify the maximum number of semester hours of credit in Education Special Topics courses that may be included in a B.ED. degree program.
2. The decision to change prerequisites for specified Upper Division courses  
Prerequisite: not less than 60 semester hours of credit  
for: EDUC. 431, 435, 437, 441 and 442  
  
Prerequisite: EDUC. 401/402 or equivalent  
for: EDUC. 421, 422, 423, 424, 429  
EDUC. 452, 459  
EDUC. 461, 462, 463, 464, 465  
EDUC. 471, 472, 473, 474, 475,  
476, 477, 478, 479, 486, 487, 489
3. The decision to substitute EDUC. 483-08 for EDUC. 485-15 Curriculum Studies
4. The changes in regulations governing "Certificates of Qualification for Teaching" (June, 1974, Department of Education, Victoria)
5. The revision of the Kinesiology Program (Kinesiology courses are recommended [not required] for Minors in Elementary School Physical Education, Early Childhood Education, Environmental Education, and Learning Disabilities. The Kinesiology Program revision includes number, title and course description changes)
6. The addition of a Secondary School Physical Education Major and Minor (offered in cooperation with Kinesiology, Athletics and Recreation).

Items #1, 2, and 3 have been approved by the Faculty of Education (October 21 meeting) and by the Senate Committee on Undergraduate Studies (November 12 meeting). They should go to the December meeting of Senate for final approval.

Item #4 goes to Faculty, Senate Committee on Undergraduate Studies and Senate for information.

Items #5 and 6 require approval first by the Undergraduate Programs Committee and the Faculty of Education, then by SCUS and finally by Senate before Calendar changes will be made by the Registrar.

### Attachments

FE 74- Faculty of Education Calendar Changes necessitated by the revision of the Kinesiology Program.

Note: The column on the right lists the Calendar changes as either E. (Editorial) or S. (Substantive). Other designations referring to changes are: A. (Addition) T. (Title) D. (Description) N.

(Number) N.C. (No Change)

The Faculty is requested to consider and either approve or not approve the "substantive" changes.

- FE 74 Kinesiology new and changed outlines, etc. for courses listed by the Faculty of Education as Recommended Courses.
- FE 74 A. Rationale for a Secondary School Physical Education Program  
B. Calendar Description of a proposed Secondary School Physical Education Major and Minor.

**EQUIVALENT COURSES**

Currently offered Faculty of Education courses are listed in Column A. They are equivalent to and replace previously offered courses listed in Column B. The changes relate from such factors as course numbers, titles, credit hours. Students with credit for courses listed in Column B may not take corresponding courses listed in Column A for further credit.

A		B	
Current Courses		Former Equivalent Courses	
EDUC 220-3		EDUC 201-3	
EDUC 230-3		EDUC 202-3	
EDUC 422-4		BSF 423-5	
EDUC 431-4		SPF 434-5 & EDUC 434-5	
EDUC 435-4		SPF 435-5 & EDUC 435-5	
EDUC 437-4		SPF 436-5 & EDUC 436-5	
EDUC 442-4		SPF 432-5 & EDUC 432-5	

**Four Specific Minor Programs are Offered by the Faculty of Education. Each requires the approval of the Director of Undergraduate Programs**

**Minor in Elementary School Physical Education**

The Minor in Elementary School Physical Education provides students in the Professional Development Program with an additional and special competence to teach Physical Education. Note: There is one intake per year (Fall Semester) to the Elementary School Physical Education Minor.

**Prerequisites:**

There are no mandatory/ lower division courses for the Elementary School Physical Education Minor. However, it is strongly recommended that prospective student for this program complete at least two of the following courses prior to enrolling in EDUC 401 and preferably during his lower levels:

- KIN. 040-3 Contemporary Health Issues Seminar
- KIN. 042-3 Man and Movement
- KIN. 043-3 Exercise Management
- KIN. 044-3 Esthetic Forms of Human Movement
- KIN. 100-3 Introduction to Kinesiology
- PSYC 105-3 Differential Psychology

- KTN. 110-3 Current Topics in Human Nutrition
- KTN. 241-3 Sports Injuries - Prevention and Rehabilitation

- KTN. 140-3 Contemporary Health Issues
- KTN. 142-3 Man and Movement
- KTN. 143-3 Exercise Management
- KTN. 144-3 Esthetic Forms of Human Movement
- KTN. 100-3 Introduction to Human Structure and Function

- S. (A, New Course
- S. (A, New Course
- E (N + T)
- E (N)
- E (N)
- E (N)
- S (T + D)

**Required Courses (At least 14-18 semester hours, as specified below.)**

EDUC 459-4 Instructional Activities in Elementary School  
 Physical Education  
 EDUC 479-4 Designs for Learning-Physical Education

The remaining 6 to 8 hours of the 14-18 required for the Minor may be selected from the following recommended courses which may be completed prior to entering the Professional Development Program or during EDUC 404. Other courses not listed below must be approved by the Director of Undergraduate Programs.

- KIN. 303-3 Human Growth and Physical Development
  - KIN. 320-3 Cultural Aspects of Human Movement
  - KIN. 344-3 Theory of Creative Movement
  - KIN. 302-3 Learning (formerly PSYC 220)
  - PSYC 351-3 Child Psychology (formerly PSYC 350-3)
- Education: Upper Division courses with the approval of the Director of Undergraduate Programs.

**Minor in Early Childhood Education**

The Minor in Early Childhood Education provides a focus for students in the Professional Development Program wishing to work with children aged three through eight. Seminars during EDUC 402 and special placements during EDUC 405 are normally prerequisite to the 14-18 semester hours of credit required for the Minor.

**Required Courses (At least 14-18 semester hours as specified below)**

- EDUC 464-4 Early Childhood Education
  - PSYC 351-3 Child Psychology
- one of
- EDUC 465-4 Children's Literature
  - EDUC 477-4 Designs for Learning: Art
  - EDUC 478-4 Designs for Learning: Music
  - EDUC 479-4 Designs for Learning: Physical Education

one of

- EDUC 422-4 Learning Disabilities
- EDUC 441-4 Cultural Differences and Education
- EDUC 472-4 Designs for Learning: English and Language Arts
- EDUC 473-4 Designs for Learning: Reading
- EDUC 474-4 Designs for Learning: Social Sciences
- EDUC 475-4 Designs for Learning: Mathematics
- EDUC 476-4 Designs for Learning: Natural Sciences
- LING 429-5 Teaching of English as a Second Language

**Recommended Courses**

Lower Division

- KIN. 100-3 Introduction to Kinesiology
- PSYC 105-3 Differential Psychology

- KIN. 303-3 Kinanthropometry
- KIN. 320-3 Cultural Aspects of Human Movement
- KIN. 344-3 Theory of Creative Movement
- PSYC. 302-3 Learning (formerly Psyc. 220-3)
- PSYC. 351-3 Child Psychology (formerly PSYC. 350-3)
- KIN. 326-3 Fractional Anatomy
- KIN. 366-3 Components of Skill Performance
- KIN. 466-3 Acquisition of Motor Skill

Insert "Secondary School Physical Education Major and Minor (if approved)

- KIN. 144-3 Aesthetic Forms of Human Movement
- KIN. 110-3 Current Topics in Human Nutrition
- KIN. 100-3 Introduction to Human Structure and Function

E. (T.)  
 N.C.  
 N.C.  
 E.  
 N.C.  
 S. (A.)  
 S. (A.)  
 S. (A.)

S. (A.)  
 S. (A.)  
 S. (T. + D.)

Upper Division

- KIN. 303-3 Human Growth and Physical Development
- KIN. 344-3 Theory of Creative Movement
- PSYC 302-3 Learning
- PSYC 303-3 Perception
- PSYC 320-3 Cognitive Processes

- KIN. 303-3 Kinanthropometry
- KIN. 344-3 Theory of Creative Movement
- KIN. 366-3 Components of Skilled Performance
- KIN. 465-3 Acquisition of Motor Skills

E. (T.)  
N.C.

S. (A.)  
S. (A.)

**Minor in Environmental Education**

The Minor in Environmental Education develops teachers' skills in the design and operation of environmental and outdoor education programs from kindergarten through Grade 12, and in the organization and operation of residential and day centre outdoor education programs, wilderness outdoor recreation programs and other interdisciplinary environmental school programs.

**Prerequisites:**

A minimum of nine semester hours selected from the following and including introductory courses in both Geography and Biological Sciences selected from the following:

- BISC 003-3 Ecology and the Population Explosion
- BISC 102-3 Introduction to Biology
- BISC 204-3 Introduction to Ecology
- KIN. 042-3 Man and Movement
- KIN. 044-3 Esthetic Forms of Human Movement
- GEOG 001-3 The Geography of Technocratic Society
- GEOG 101-3 General Geography
- GEOG 111-3 Physical Geography
- GEOG 121-3 Economic Geography
- GEOG 141-3 Social Geography
- ECON 101-3 The Canadian Economy
- ECON 200-3 Principles of Economics I
- ECON 205-3 Microeconomic Principles
- PHIL 120-3 Facts and Values
- PSA. 121-3 Social Structure
- PSA. 221-3 Social Structure of Industrial Societies
- PSYC 106-3 Social Issues

- KIN. 142-3 Man and Movement
- KIN. 144-3 Aesthetic Forms of Human Movement

E. (N.)  
E. (N.)

**Required Courses (At least 14-18 semester hours, as specified below.)**

- EDUC 462-4 Environmental Education
- EDUC 452-4 Field Work and Case Studies in Environmental Education



In addition to the two courses listed above students are required to select a minimum of two courses from the following:

- EDUC 442-4 Contemporary Issues in World Education
- EDUC 471-4 Curriculum Development: Theory and Application
- EDUC 474-4 Designs for Learning: Social Sciences
- EDUC 476-4 Designs for Learning: Natural Sciences
- EDUC 479-4 Designs for Learning: Physical Education
- BISC 304-3 Animal Ecology
- BISC 306-4 Invertebrate Biology
- BISC 317-3 Insect Biology
- BISC 326-3 Biology of Non-Vascular Plants
- BISC 336-3 Biology of Vascular Plants
- BISC 404-3 Plant Ecology
- BISC 409-3 Field Ecology
- GEOG 314-3 Climatology 1
- GEOG 315-3 Biogeography 1
- GEOG 322-3 Geography of Primary Activities
- GEOG 344-3 Geography of Contemporary Industrial Societies
- GEOG 349-3 Human Microgeography
- GEOG 421-3 Geography of Resource Development
- GEOG 431-5 The Landscape in Science, Art, Music and Literature
- KIN. 320-3 Cultural Aspects of Human Movement
- ECON 363-5 Economics of Natural Resources

**Minor in Learning Disabilities**

The Minor in Learning Disabilities provides in the Professional Development Program a focus designed to enhance a regular classroom teacher's understanding of learning disabilities and provides that teacher with competence to assist in the identification and non-clinical treatment of learning disabilities.

Required Courses (At least 14-18 semester hours as specified below)

- PSYC 351-3 Child Psychology
- EDUC 422-4 Learning Disabilities
- EDUC 424-4 Learning Disabilities: Laboratory

Note: the remaining 3-7 semester hours will be selected in consultation with each candidate. The minor must be approved in advance by the Director of Undergraduate Programs.

**Recommended Courses**

- EDUC 421-4 Classroom Learning and Evaluation
- EDUC 473-4 Designs for Learning: Reading

KIN. 320-3 Cultural Aspects of Human Movement

**MINOR IN LEARNING DISABILITIES**

The Minor in Learning Disabilities is designed to enhance a regular classroom teacher's understanding of learning disabilities and provides that teacher with competence to assist in the identification and non-clinical treatment of learning disabilities. Seminars during EDUC. 402 and special placements during EDUC. 405 are normally prerequisite to the 14 - 18 semester hours of credit required for the Minor.

N.C.

E.

E. (A.)  
(repeating  
description  
of Minor on  
P. 174)

See over

P. 186

Recommended Courses

- EDUC. 421-4 .....
- EDUC. 473-4 .....

Recommended Courses

Lower Division

- EDUC. 220-3 Psychological Issues in Education
- KIN. 100-3 An Introduction to Human Structure and Function
- KIN. 110-3 Current Topics in Human Nutrition
- PSYC. 101-3 Introductory Psychology
- PSYC. 105-3 Differential Psychology
- PSYC. 180-3 Brain and Behavior

Upper Division

- EDUC. 421-4 Learning and Evaluation
- EDUC. 473-4 Designs for Learning: Reading
- KIN. 303-3 Kinaesthropometry
- PSYC. 302-3 Learning
- PSYC. 303-3 Perception
- PSYC. 320-3 Cognitive Processes

- S. (A.)
- S. (A.)
- S. (A.)
- S. (A.)
- S. (A.)
- S. (A.)

- N.C.
- N.C.
- S. (A.)
- S. (A.)
- S. (A.)
- S. (A.)