

SFU

SIMON FRASER UNIVERSITY
THINKING OF THE WORLD

FACULTY OF EDUCATION

Undergraduate Programs



BACHELOR OF GENERAL STUDIES (EDUCATION)

The Bachelor of General Studies (BGS) (Education) is a degree program designed for the non-specialist. Students complete 120 units, including 45 upper division (third and fourth year) units. A 2.00 graduation GPA and UDGPA is required. Students do not specify a major area of study as part of the BGS (Education).

Three core courses are required in the BGS (Education):

EDUC 100-3	Select Questions and Issues (Education)
EDUC 252-4	Introduction to Reflective Practice
EDUC 352-4	Building on Reflective Practice

Additional requirements of the BGS (Education) may be satisfied through completion of either the General Education Option, the Double Minor Option, or the Specialization Option.

General Education Option:

Students are required to complete 9 units from lower division Education courses in addition to EDUC 100 and EDUC 252. As well, 15 units must be completed from upper division Education courses in addition to EDUC 352.

Double Minor Option:

Students may satisfy the double minor option by completing two minors (or extended minors), one of which must be from the Faculty of Education.

Specialization Option:

Students may satisfy the specialization option by completing an approved specialization from the Faculty of Education.

Students cannot apply EDUC 401, 402, 403, 405, or 406 to this degree program.

BACHELOR OF EDUCATION (B.Ed.)

The B.Ed. is designed to prepare students academically and professionally for a teaching career at either the elementary or secondary school level.

- Students must complete 150 units.
- Two of EDUC 220, 230, 240, or 250.
- Minimum of 54 units of upper division coursework which must include a minimum of 24 units of upper division education coursework which includes two *Designs for Learning* courses (excludes EDUC 401, 402, 403, 405, and 406).
- Students must be accepted into and successfully complete the Professional Development Program (PDP – one year teacher certification program) in order to finish this degree.

Elementary Level:

Students must complete one teachable major (e.g., History) or two minors, one teachable and another which may be non-teachable (e.g., History and Psychology), as well as an Education minor.

Secondary Level:

Students must complete one teachable major or two teachable minors as well as an Education minor.

EDUCATION MINORS

The Faculty of Education offers 12 minors focusing on a variety of specific areas that may be completed by any SFU student and added to their degree of choice. If a student is completing a Bachelor of Education they must complete one of these minors in order to meet the degree requirements. Following is a list of minors and their requirements when completing a first degree. Minors may have slightly revised requirements when being completed as part of a second degree (see page 10).

Counselling and Human Development

This minor teaches a combination of theoretical, empirical, and practical matters central to the understanding and practice of counselling and human development. The course work provides students with a strong theoretical and critical foundation on which to base and evaluate counselling and teaching practices aimed at enhancing human development.

Lower Division Requirements:

EDUC 220-3	Introduction to Educational Psychology
EDUC 222-3	Research Methods in Educational Psychology (or PSYC 201)
PSYC 250-3	Introduction to Developmental Psychology

Upper Division Requirements:

EDUC 322-3	Social Lives of School Children
EDUC 323-3	Introduction to Counselling Theories

Plus at least two of:

EDUC 324-3	Foundations of Multicultural Counselling
EDUC 327-3	Self, Psychology and Education
EDUC 328-3	Theories of Career Development and Education
EDUC 423-4	Helping Relationships
EDUC 464-4	Early Childhood Education

If the courses chosen from the list above do not add up to a minimum of 15 units, then students must also complete one additional course from the following list:

EDUC 371-4	School Health Education
EDUC 422-4	Learning Disabilities
EDUC 428-4	Nature and Nurture of Gifted Students
EDUC 437-4	Ethical Issues in Education
EDUC 441-4	Multicultural Education
EDUC 445-4	Legal Context of Teaching

Curriculum and Instruction

This minor will provide a general, flexible course of studies for students who desire a theoretical and a practical expertise in contemporary approaches to curriculum development and instructional design.

Lower Division Requirements – two of:

EDUC 220-3	Introduction to Educational Psychology
EDUC 230-3	Introduction to Philosophy of Education
EDUC 240-3	Social Issues in Education
EDUC 250-3	Studies in the History of Education in the Western World

Upper Division Requirements:

Students must complete a minimum of 15 units as specified below:

EDUC 471-4	Curriculum Development: Theory and Practice
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Plus 11 units of upper division Education and/or Education Professional Courses.

Early Learning

This minor provides a focus for students wishing to teach children aged 3 through 8 years.

Lower Division Requirements:

PSYC 250-3	Introduction to Developmental Psychology
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Upper Division Requirements:

EDUC 464-4	Early Childhood Education
EDUC 466-4	Early Childhood Education: Curriculum and Development

Plus 7 units from the courses listed below:

EDUC 322-3	The Social Lives of School Children
EDUC 332-3	Naturalistic Observations in Early Learning Settings

EDUC 422-4	Learning Disabilities
EDUC 472-4	Designs for Learning: Elementary Language Arts
EDUC 473-4	Designs for Learning: Reading
EDUC 475-4	Designs for Learning: Elementary Mathematics
EDUC 465-4	Children's Literature

(NOTE: Students will not receive credit for both the Early Learning Specialization and the Minor in Early Childhood Education).

Educational Psychology

This minor consists of required courses that develop a broad background in educational psychology supplemented by electives that deepen fundamentals. For a teaching career, it provides a research-based foundation in the psychology of teaching and learning underlying a professional studies program. For others, the minor articulates applied psychology serving one of our society's most important aims, education of people of all ages.

Lower Division Requirements:

EDUC 220-3	Introduction to Educational Psychology
EDUC 222-3	Research Methods in Educational Psychology (or PSYC 201)

Upper Division Requirements

EDUC 315-3	Individual and Developmental Differences in Language Acquisition
EDUC 320-3	Instructional Psychology
EDUC 322-3	The Social Lives of School Children
EDUC 327-3	Self, Psychology and Education

and one of

EDUC 422-4	Learning Disabilities
EDUC 428W-4	Nature and Nurture Gifted Students
EDUC 464-4	Early Childhood Education

Elementary Generalist

Enables the elementary generalist PDP student to explore a range of curriculum and teaching areas from within the elementary school program.

Students must complete a minimum of 15 units of upper division course work as specified below:

EDUC 475-4	Designs for Learning: Elementary Mathematics
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Plus one of:

EDUC 311-3	Foundations in Aboriginal Education, Language and Culture
EDUC 325-3	Assessment for Classroom Teaching
EDUC 326-3	Classroom Management and Discipline
EDUC 341-3	Literacy, Education and Culture
EDUC 371-4	School Health Education
EDUC 422-4	Learning Disabilities
EDUC 426-4	Teaching Children and Youth with Special Needs
EDUC 428-4	Nature and Nurture of Gifted Students
EDUC 435-4	Infusing Global Perspectives into Curriculum
EDUC 441-4	Multicultural and Anti-racist Education
EDUC 452-8	Environmental Education
EDUC 464-4	Early Childhood Education
EDUC 467-4	Curriculum and Instruction in TEAL
EDUC 482-4	Designs for Learning: Information Technology
EDUC 485-8	Designs for Learning: Writing

Plus at least one of:

EDUC 472-4	Designs for Learning: Elementary Language Arts
EDUC 473-4	Designs for Learning: Reading
EDUC 480-4	Designs for Learning: French as a Second Language

If courses chosen from above do not add up to a minimum of 15 units, then one additional course is required from below:

EDUC 430-4	Designs for Learning: Dance
EDUC 457-4	Drama and Education
EDUC 459-4	Instructional Activities in Physical Education
EDUC 474-4	Designs for Learning: Elementary Social Studies
EDUC 476-4	Designs for Learning: Elementary Science
EDUC 477-4	Designs for Learning: Art
EDUC 478-4	Designs for Learning: Music

Environmental Education

The minor develops skills in the design and operation of environmental and outdoor education programs from Kindergarten to Grade 12, and in the organization and operation of residential and day centre outdoor education, wilderness outdoor recreation education, and other interdisciplinary environmental school programs.

Lower Division Requirements (a minimum of 9 units):

BISC 102-4	General Biology
EDUC 240-3	Social Issues in Education
GEOG 100-3	Society, Space, Environment: Introducing Human Geography
GEOG 111-3	Earth Systems
GEOG 215-3	Biography OR
BISC 204-3	Introduction to Ecology (students with credit for GEOG 215 may not receive credit for BISC 204)
GEOG 241-3	Social Geography
KIN 142-3	Introduction to Kinesiology
PHIL XX1-3	Critical Thinking
PHIL 120W-3	Introduction to Moral Philosophy
PSYC 106-3	Psychological Issues in Contemporary Society
SA 150-4	Introduction to Sociology

Upper Division Requirements

Students complete a minimum of 15 units including:

EDUC 452-8	Environmental Education
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and at least two of:

BISC 304-3	Animal Ecology
BISC 306-4	Invertebrate Biology
BISC 310-3	The Natural History of British Columbia
BISC 317-3	Insect Biology
BISC 337-4	Plant Biology
BISC 404-3	Plant Ecology
EDUC 412-4	Designs for Learning: Secondary Language Arts
EDUC 414-4	Designs for Learning: Secondary Social Studies
EDUC 415-4	Designs for Learning: Secondary Mathematics
EDUC 416-4	Designs for Learning: Secondary Science
EDUC 433-4	Philosophical Issues in Curriculum
EDUC 457-4	Drama and Education
EDUC 459-4	Instructional Activities in Physical Education
EDUC 471-4	Curriculum Development: Theory and Practice
EDUC 472-4	Designs for Learning: Elementary Language Arts
EDUC 473-4	Designs for Learning: Reading
EDUC 474-4	Designs for Learning: Elementary Social Studies
EDUC 475-4	Designs for Learning: Elementary Mathematics
EDUC 476-4	Designs for Learning: Elementary Science
EDUC 477-4	Designs for Learning: Art
EDUC 478-4	Designs for Learning: Music
EDUC 480-4	Designs for Learning: French as a Second Language
EDUC 481-4	Designs for Learning: French Immersion Programs and Francophone Schools
EDC 482-4	Designs for Learning: Information Technology
EDUC 493-4	Directed Studies in Environmental Education
GEOG 322-4	World Resources
GEOG 377-4	Environmental History
GEOG 449-4	Environmental Processes and Urban Development

French Education

Enables students to explore contemporary second language teaching and learning theory, as well as experientially based approaches to French language curriculum development and instructional design, so that culturally informed and appropriate practices can be developed and used in French-speaking classrooms.

Lower Division Requirements:

Students complete three EDUC lower division units as well as six FRENCH units at the 200 division (or can demonstrate an equivalent knowledge of the language).

Upper Division Requirements:

Students complete a minimum of 15 upper division EDUC units (taught in French) as specified below including one of:

- EDUC 480-4 Designs for Learning: French as a Second Language
- EDUC 481-4 Designs for Learning: French Immersion Programs and Francophone Schools

For teaching at the Secondary Level (at least one of):

- EDUC 414-4 Designs for Learning: Secondary Social Studies
- EDUC 415-4 Designs for Learning: Secondary Mathematics
- EDUC 416-4 Designs for Learning: Secondary Science, or

For teaching at the Elementary Level (at least two of):

- EDUC 474-4 Designs for Learning: Elementary Social Studies
- EDUC 475-4 Designs for Learning: Elementary Mathematics
- EDUC 476-4 Designs for Learning: Elementary Science, and
- EDUC 380-4 Introduction to Teaching French in Canadian Contexts

And/or upper division EDUC courses designed to enhance teaching skills selected from an approved list available at the time of registration, in order to bring the total to a minimum of 15 units.

International & Global Education

This minor explores an interdisciplinary, experientially based approach to International and Global Education so that appropriate learning experiences can be created and infused in any given elementary and secondary course.

Lower Division Requirements (one of):

- EDUC 100-3 Questions and Issues in Education
- EDUC 230-3 Introduction to Philosophy of Education
- EDUC 240-3 Social Issues in Education
- EDUC 250-3 Studies in the History of Education in the Western World

Upper Division Requirements:

Students must complete a minimum of 15 units as specified below:

- EDUC 370-4 International and Intercultural Education
- EDUC 435-4 Infusing Global Perspectives in Curriculum

And either one *Designs for Learning* Course and one of the following **OR** two of the following:

- EDUC 311-3 Foundations in Aboriginal Education, Language & Culture
- EDUC 367-4 Teaching Children and Minority Language Backgrounds in Elementary Classrooms
- EDUC 382-4 Diversity in Education: Theories, Policies, Practices
- EDUC 441-4 Multicultural/Anti Racist Education
- EDUC 448-4 Law in the Curriculum
- EDUC 452-8 Environmental Education
- EDUC 467-4 Curriculum and Instruction in Teaching ESL
- EDUC 471-4 Curriculum Development: Theory and Practice

Plus an Intercultural/International Experience

An academic intercultural and/or international experience is required before completing this Minor. This post-secondary experience may be an intercultural experience within Canada, such as a practicum experience in a First Nations community, or outside of Canada. Examples include:

- Coop Placement in an intercultural or international setting
- Participation in an International Field School Program
- International Student Exchange Semester outside Canada or the U.S.
- Teaching English as a Foreign Language outside Canada or the U.S.

Learning and Developmental Disabilities

This minor enhances understanding of learning disabilities and provides competence in identification and non-clinical treatment of learning disabilities.

Lower Division Requirements:

- EDUC 220-3 Introduction to Educational Psychology **OR**
- PSYCH 250-3 Introduction to Developmental Psychology

Recommended Lower Division Courses:

It is strongly recommended that minor program students complete at least one of the following:

- LING 220-3 Introduction to Linguistics
- PSYC 221-3 Introduction to Cognitive Psychology

Upper Division Requirements:

Students must complete a minimum of 15 upper division units.

- EDUC 422-4 Learning Disabilities
- EDUC 424-4 Learning Disabilities Laboratory

One of:

- EDUC 315-3 Individual and Developmental Differences in Language Acquisition
- EDUC 473-4 Designs for Learning: Reading

Plus one of:

- EDUC 426-4 Teaching Children and Youth with Special Needs
- EDUC 427-4 Teaching Children with Special Needs in Inclusive Classrooms
- EDUC 428-4 Nature and Nurture of Gifted Students
- EDUC 475-4 Designs for Learning: Elementary Mathematics
- PSYC 354-4 Development of Children's Thinking
- PSYC 355-3 Adolescent Development
- PSYC 356-3 Developmental Psychopathology
- PSYC 491-3 Developmental Disabilities

Physical Education

The minor in Physical Education provides students in the Professional Development Program with competence to teach physical education. Must be taken in the 404 semester. (For PDP students only or permission of the Faculty).

Lower Division Requirements (at least 3 courses from the following list):

- EDUC 220-3 Introduction to Educational Psychology
- EDUC 230-3 Introduction to Philosophy of Education
- EDUC 240-3 Social Issues in Education
- FA 120-3 Introduction to Contemporary Dance
- KIN 105-3 Fundamentals of Human Structure and Function
- KIN 110-3 Human Nutrition: Current Issues
- KIN 140-3 Contemporary Healthy Issues
- KIN 142-3 Introduction to Kinesiology
- KIN 143-3 Exercise Management
- KIN 205-3 Introduction to Human Psychology
- KIN 241-3 Sports Injuries-Prevention and Rehabilitation

Upper Division Requirements:

Students must complete a minimum of 14 upper division units.

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

Plus two of:

- EDUC 330-3 Movement Language Elements for Dance in Education
- EDUC 457-4 Education & Drama
- KIN 342-3 Active Health: Assessment & Promotion

Students can include one *Designs for Learning* course chosen from the following:

- EDUC 412, 414, 415, 416, 430, 472, 473, 474, 475, 476, 477, 478, 480, 481, 482, 485.

Secondary Mathematics Education

This minor will be of interest to students considering a career in teaching secondary mathematics. Students will be better equipped to teach mathematics at the secondary level if they take the courses in this minor. (For PDP students only).

Upper Division Requirements:

(Minimum of 15 units)

- EDUC 415-4 Designs for Learning: Secondary Mathematics
- EDUC 411-3 Investigations in Mathematics for Secondary Teachers

Plus one of the following:

- EDUC 412-4 Designs for Learning: Secondary Language Arts
- EDUC 414-4 Designs for Learning: Secondary Social Studies
- EDUC 416-4 Designs for Learning: Secondary Science
- EDUC 428-4 Nature and Nurture of the Gifted Students
- EDUC 433-4 Philosophical Issues in Curriculum
- EDUC 452-8 Environmental Education
- EDUC 467-4 Curriculum and Instruction in TEAL
- EDUC 469-4 Music Education as Thinking in Sound
- EDUC 477-4 Designs for Learning: Art
- EDUC 478-4 Designs for Learning: Music
- EDUC 480-4 Designs for Learning: French as a Second Language
- EDUC 481-4 Designs for Learning: French Immersion
- 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 units (excluding EDUC 475).

Secondary Teaching

Enables the secondary PDP students to explore a range of curriculum and teaching areas applicable to the secondary school program. Students must complete 15 units of upper division EDUC coursework from the following lists:

At least one of:

- EDUC 430-4 Designs for Learning: Dance
- EDUC 457-4 Drama and Education
- EDUC 459-4 Instructional Activities in Physical Education
- EDUC 412-4 Designs for Learning: Secondary Language Arts
- EDUC 414-4 Designs for Learning: Secondary Social Studies
- EDUC 416-4 Designs for Learning: Secondary Science
- EDUC 473-4 Designs for Learning: Reading
- EDUC 477-4 Designs for Learning: Art
- EDUC 478-4 Designs for Learning: Music
- EDUC 480-4 Designs for Learning: French as a Second Language
- EDUC 482-4 Designs for Learning: Information Technology

At least one of: (Q Options)

- EDUC 313-3 Numeracy and Society
- EDUC 375-3 Struggle with Mathematics: Sources and Recovery
- EDUC 415-4 Designs for Learning: Secondary Mathematics
- EDUC 452-8 Environmental Education
- EDUC 454-4 Quantitative Approaches to Environmental Education
- EDUC 484-4 Exploring Students' Scientific Misconceptions

At least one of:

- EDUC 311-3 Foundations in Aboriginal Education, Language and Culture
- EDUC 325-3 Assessment for Classroom Teaching
- EDUC 326-3 Classroom Management and Discipline
- EDUC 341-3 Literacy, Education and Culture
- EDUC 371-4 School Health Education
- EDUC 422-4 Learning Disabilities
- EDUC 426-4 Teaching Children and Youth with Special Needs
- EDUC 428-4 Nature and Nurture of the Gifted Students
- EDUC 433-4 Philosophical Issues in Curriculum
- EDUC 435-4 Infusing Global Perspectives into Curriculum
- EDUC 437-4 Ethical Issues in Education

EDUC 441-4	Multicultural and Anti-Racist Education
EDUC 446-4	Law for the Classroom Teacher
EDUC 448-4	Teaching about Justice Law and Citizenship
EDUC 467-4	Curriculum and Instruction in TEAL
EDUC 471-4	Curriculum and Development: Theory and Practice
EDUC 485-8	Designs for Learning: Writing

EARLY LEARNING SPECIALIZATION (EDUCATION BGS STUDENTS ONLY)

This program is intended for students considering a teaching career in the early elementary (K-3) school system. This program does not guarantee admission to the PDP program.

Requirements:

30 units block transfer from an approved Early Childhood Education Diploma program with a minimum GPA of 3.0 **OR**

PSYC 250-3	Introduction to Developmental Psychology
EDUC 464-4	Early Childhood Education
EDUC 466-4	Early Childhood Education: Curriculum and Development

Lower Division Requirements:

6 units English (a maximum of 3 units of English composition may be included) plus 1 course (3 units) in each of Canadian history, Canadian geography, and laboratory science. See <http://www.educ.sfu.ca/teachersed/pdp/admissions/academic-requirements.html> for a list of acceptable courses.

MATH 190:	Principles of Mathematics for Teachers
EDUC 100:	Select Questions and Issues (Education)
EDUC 252:	Introduction to Reflective Practice

Plus 6 additional EDUC units

Recommended:

3 units in the Fine and Performing Arts and 3 units in Kinesiology

Upper Division Requirements:

45 units of upper division coursework, including

EDUC 352-4	Building on Reflective Practice
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Plus 7 units from the courses listed below:

EDUC 322-3	The Social Lives of School Children
EDUC 332-3	Naturalistic Observations in Early Learning Settings
EDUC 472-4	Designs for Learning: Elementary Language Arts
EDUC 475-4	Designs for Learning: Elementary Mathematics
EDUC 465-4	Children's Literature

Plus 20 units of upper division coursework in the area of BC elementary school curriculum. At least 3 units from two of the following areas: Biology, Canadian Studies, Chemistry, Computing Science, Earth Science, English, Environmental Science, Explorations, Fine and Performing Arts, First Nations, French, Geography, History, Humanities, Kinesiology, Mathematics, Physics. Further EDUC coursework may be taken to reach the minimum 45 upper division units.

(Note: Students will not receive credit for both the Early Learning Specialization and the Minor in Childhood Education).

BACHELOR OF EDUCATION AS A 2ND DEGREE

The B.Ed. as a 2nd degree is an option for students who have completed a Bachelor's Degree and have been accepted into the PDP or the PLP. This degree may be approved once a student has completed the first semester of the PDP or the PLP.

Students must complete a minimum of 45 (PDP) or 48 (PLP) upper division Education units, which must include:

EDUC 401-8 Introduction to Classroom Teaching (PDP) **or**
EDUC 403-11 Studies in Teaching and Learning (PLP)
EDUC 402-7 Studies of Educational Theory and Practice
EDUC 404-15 Coursework Semester
EDUC 405-15 Teaching Semester

Plus an Education Minor that can, with the appropriate course selection, be completed during EDUC 404. Please note that course requirements for Education minors may differ when completing within a B.Ed. second degree.

Note: All Undergraduate programs and course substitutions must be approved by the Advisor. Students interested in pursuing any of these program options must contact the appropriate Advisor noted below.

Responsibility: It is the responsibility of each student to be aware of Faculty regulations as stated in the SFU calendar. Departmental and Faculty advisors and staff are available to give advice and guidance. However, the ultimate responsibility for the completeness and correctness of course selection, for compliance with and completion of program and degree requirements and for observance of regulations and deadlines with the students

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<http://www.educ.sfu.ca/undergrad.html>