Faculty of Education

Historical Overview

Over more than eighty years, the Faculty of Education has evolved from a few discipline-oriented courses in Education offered by the Faculty of Arts and Science into one of the largest and strongest Faculties of Education in the country. The first education course, covering both the history and philosophy of education, was approved in 1911 and first offered in 1912. In 1928, the School of Education was created under the administration of the Faculty of Arts and Science. It opened the following year with an enrolment of seven students. The School later evolved into the College of Education; then, in 1942, into the Faculty of Education. In 1945, the Province of Alberta closed its Normal Schools in Calgary and Edmonton and turned control of teacher education over to the University of Alberta. Alberta was the first province in Canada to make teacher education exclusively a university responsibility. Since 1945, the Faculty of Education has awarded more than 45,000 BEd degrees, and developed strong graduate programs that have provided outstanding educational leaders for institutions and school systems across Canada and around the world.

Mission Statement

The Faculty of Education at the University of Alberta endeavours to discover, disseminate, and exemplify knowledge about teaching and learning across the lifespan. The Faculty serves the local, provincial, national, and international teaching profession through enlightened pre-service programs, continuing education programs, and graduate degree programs.

The Faculty promotes the view that to be a teacher is to continue being a learner. We strive to develop knowledgeable and capable teachers who continue to question, to reflect and to explore. The development of critical thinking and empathic understanding is at the core of all our programs.

To ensure that theory and practice are successfully integrated, the Faculty is committed to cooperation with the teaching profession. The Faculty unites around the principle that a diversity of perspectives is to be encouraged and valued in its teaching, its research, and its service to the community. Faculty members strive to be effective models with respect to teaching, research, professional development, ethical conduct, and commitment to students. The Faculty aspires to create a caring and enlightened
community in which diverse members are treated with dignity, respect, and fairness.

Teaching, Research, and Community Service

The Faculty of Education places a high priority on excellence in teaching, research, and community service. Education students will encounter many professors who have won distinctions such as Rutherford or Faculty of Education teaching awards. The Faculty also employs Field Experience Associates, seconded from local school systems, who have demonstrated their excellence in teaching at the elementary and secondary school levels.

Undergraduate students also have an opportunity to work closely with highly competent classroom teachers during the various components of their student teaching experience.

As might be expected in a leading Faculty of Education containing departments of Educational Psychology, Elementary Education, Policy Studies, and Secondary Education, as well as the School of Library and Information Studies, the research output of Faculty members is both extensive and wide ranging. At present, however, the Faculty has chosen to designate five broad topics of interdepartmental study as areas of research priority. These five areas of research excellence, led by internationally recognized scholars, are the following:

- School, Teacher, and Curriculum Transformation
- Literacy for All Canadians
- Learners with Special Needs
- Multiculturalism and International Education
- Information Technologies and Multi-media Studies

The Faculty of Education has also been a leader in service to the educational and broader communities. Many faculty members and graduates devote many hours to professional development, curriculum development, and the production of educational materials for use in the schools. Many graduates have distinguished themselves in areas as diverse as the arts, politics, and public administration as well as in the classroom. Three outstanding exemplars, all of whom have been awarded the Order of Canada, are Myer Horowiz, former Dean of Education and President of the University of Alberta; Steve Ramsanker, principal of an inner-city school who has devoted his life to educating the under-privileged; and Thomas Peacocke, one of Canada’s most widely acclaimed actors and directors.

Students entering the Faculty of Education will join a community with a strong tradition of teaching and research excellence and dedicated community service.

71 The Professors

71.1 Teaching and Scholarship

Students in the Faculty of Education have the opportunity to learn from outstanding teachers and scholars such as the following award winning professors:

- **3M Teaching Award**
  - Graham Fishburne (1990)
- **Rutherford Teaching Award**
  - Graham Fishburne (1987)
  - Robert de Frece (1993)
  - Marg Iveson (1996)
  - Roberta McKay (1997)
  - Olenska Bilach (1999)
  - Susan Gibson (2000)
  - Lynn Gordon (2002)

- **Faculty of Education Undergraduate Teaching Award**
  - Robert de Frece (1993)
  - Graham Fishburne (1993)
  - Fem Snaar (1993)
  - John Mitchell (1993)
  - Dave Wangerl (1994)
  - Marg Iveson (1995)
  - Katherine Willson (1996)
  - Bob Frender (1997)
  - Roberta McKay (1997)
  - Eamon Callan (1998)
  - Joe Horus (1998)
  - Olenska Bilach (1999)
  - Brenda Gustafson (1999)
  - Susan Gibson (2000)
  - Lynn Gordon (2001)
  - Jan Jagodzinski (2001)
  - Jack Goldberg (2002)

- **Faculty of Education Graduate Teaching Award**
  - Anna Altman (2001)
  - Jose da Costa (2001)
  - Carolyn Kerber (2002)
  - Julia Ellis (2003)

- **J Gordin Kaplan Award for Excellence in Research**
  - JP Das (1987)
  - Jean Dandien (2000)
  - Max van Manen (2001)

- **ATA Research Award**
  - Roberta McKay (1997)
  - Katherine Willson (1997)
  - Joyce Bainbridge (2000)
  - Jose da Costa (2001)
  - Margaret Haughey (2001)
  - Fem Snaar (2001)

- **The Coutts-Clarke Fellowship**
  - Tracey Derwing (1998)
  - Ingrid Johnston (1999)
  - Margaret Mackey (1999)
  - Judy Cameron (2000)
  - Tara Frewick (2001)
  - Mark Gierl (2002)
  - Andre Grace (2002)
  - Xin Ma (2003)
  - Alison Taylor (2003)

- **Killam Research Professorship**
  - Ronna Jeve (1991)
  - Tom Kieran (1994)
  - Carolyn Yewchuk (1995)

71.2 Members of the Faculty

**Officers of the Faculty**

- **Acting Dean**
  - FD Snaar, PhD
- **Administrative Officer**
  - JM Heiler, MEd
- **Associate Dean (Academic)**
  - JM Bainbridge, EdD
- **Associate Dean (Graduate Studies and Research)**
  - J Johnston, PhD
- **Associate Dean (Teacher Education)**
  - MA Doherty, PhD
- **Associate Dean (Field Experiences)**
  - BG Gustafson, PhD
- **Director of Student Support**
  - J Bailey, MEd

- **Faculty Adjunct Professors**
  - D Baker, MEd
  - L Booi, BEd
  - P Calahasen, MEd
  - CM Camming, PhD
  - E Doida, EdD
  - J Fortin, MEd
  - C Hyman, PhD
  - H Jongens, PhD
  - L Lewis, PhD
  - A McKeath, MEd
  - D Ripley, PhD
  - J Schein, PhD
  - R Spellacy, PhD
  - WA Shaw, PhD
  - L Sloan, PhD
  - D Thatchuk, MEd
  - G Thomas, PhD
  - M Williams, PhD
  - E Wolf-Schein, PhD
- **Faculty Adjunct Associate Professors**
  - F Burghardt, MEd
  - M Podborony, MEd
  - D Smith, PhD
  - D Stanley, BEd
  - S Woitas, MEd

- **Faculty Adjunct Assistant Professors**
  - G Breton
  - F Brophy, MEd
  - P Campbell, EdD
  - Y Guo, PhD
  - T Anzen, PhD
  - M Norton, PhD

- **Field Experience: Adjunct Associate Professors**
  - B Chernowchan, BEd
  - G Christophers, BEd
  - H Chyczwicz, BEd
  - A Gardner, BEd
  - M Jones, BA
  - H Kerley, MEd
  - E Kostiych, MEd
  - Y McKinnon, BEd
  - I McNeill, BA
  - I Nicholson, MEd
  - H Nikolai, BEd
  - G Notby, BEd
72 General Information

The Faculty of Education provides professional preparation for teachers and opportunities for graduate study for those interested in more advanced work in education. Undergraduate degree programs are available in preschool, elementary, secondary, or postsecondary/adult education.

Each Bachelor of Education degree program allows for certification as a teacher in Alberta. Teaching Certificates are granted by the Minister of Learning, on the recommendation of the Faculty of Education.

Student Visitors (persons on student visas) will not be recommended for certification.

All inquiries should be addressed to the Office of the AssociateDean (Undergraduate Student Services), Faculty of Education, University of Alberta, Edmonton, AB T6G 2G5.

72.1 Student Organizations

The Education Students’ Association (ESA) is the largest undergraduate student organization within the Faculty of Education. As well as being the official representation for undergraduates in the Faculty, the ESA is also designated as Student Local #1 of the Alberta Teachers’ Association (ATA). All members of the ESA are entitled to run for council or executive positions on the Education Students’ Association. ESA has representation on a number of Faculty and Department councils and committees. Contact the Vice-President Academic of the ESA for more information.

The ESA publishes an online handbook for all Education students, rents lockers located in the Education building, and conducts a number of social, academic and professional events throughout the year. Contact the ESA office (1-101 Education Centre North, 492-3650) for further details.

73 Faculty Regulations

73.1 Speech Competency

Besides demonstrating overall English language proficiency, students entering the Faculty expecting to complete teacher certification need a further level of spoken English proficiency, regardless of their citizenship status or country of origin. Speech competency is a prerequisite for enrolment in Field Experience courses. Students who have not achieved the necessary level of competence may not register for these courses. See §13.3.1 English Language Proficiency and §13.3.2 Spoken English Requirement for further information.

73.2 Registration Requirements

73.2.1 BEd; BEd (After Degree); BA (Native Studies)/BEd (Elementary) (Secondary) Combined Degrees Program; BMus/BEd (Secondary) Combined Degrees; BPE/BEd (Elementary) (Secondary) Combined Degrees Program; BSc in Human Ecology/BEd (Secondary) Combined Degrees Program

(1) Course Load: The normal full course load for the Bachelor of Education; Bachelor of Education (After Degree); Bachelor of Arts (Native Studies); Bachelor of Education Combined Degrees Program; Bachelor of Music/Bachelor of Education Combined Degrees; Bachelor of Physical Education/Bachelor of Education (Elementary) (Secondary) Combined Degrees Program; Bachelor of Science in Human Ecology/Bachelor of Education Combined Degrees Program each term of Fall/Winter is 15. Permission to take more than 15 each term may be granted under special circumstances. Students should contact the Undergraduate Student Services Office for more information.

Note: Students registered in the Introductory or the Advanced Professional Term are restricted to the maximum load of 15 per term.

(2) Full-Time and Part-Time Registration: Much of the degree program may be taken on a part-time basis; however, students are expected to register full time while doing their student teaching during the Introductory Professional Term and the Advanced Professional Term.

(3) Maintaining Registration: Students who wish to interrupt their program without having to compete for admission may apply for permission to “stop out.” Permission is granted only to students in good academic standing and only for a specifed period. Information regarding a stop out is available from Undergraduate Student Services.

73.2.2 BSc (Specialization in Science and Education)/BEd (Secondary) Combined Degrees Program

Note: Students in the Bachelor of Science (Specialization in Science and Education)/Bachelor of Education (Secondary) Combined Degrees Program are registered in the Faculty of Science for the first two years of the five-year program. They are registered in the Faculty of Education commencing the beginning of third year.

(1) A student in the combined program is not granted the privilege of repeating a failed course more than once during the program except with the permission of the Dean of Education and the Dean of Science. A student is not permitted to repeat a course in which a grade of D or more has been received except with the permission of the Dean of Education and the Dean of Science.

(2) Courses with prerequisites may only be used for credit if the prerequisite requirements have been met. A grade of D is the minimum grade acceptable in a course to be used as a prerequisite.

(3) Normally, no more than 42 at the 100-level are permitted in the combined program.

(4) A full-time student in the combined program should normally register in 30 during Fall/Winter of each year of the program.

(5) A student may be permitted to complete the requirements for the combined program over a longer period than five years on approval by the Dean of Education and the Dean of Science.

73.2.3 Field Experience Courses (Student Teaching)

The Associate Dean (Field Experiences) acting on behalf of the Dean, may immediately deny assignment of a student to, withdraw a student from, or vary terms, conditions or site of a field experience placement if the Associate Dean (Field Experiences) has reasonable grounds to believe that this is necessary in order to protect the Public Interest. Refer to §23.8.2 and §87 of the GFC Policy Manual for additional information.

(1) Registration in Field Experience courses is a two-part process. Students must first register in EDEX courses using the Bear Tracks web registration system at www.registrar.ualberta.ca. Students must then report to Undergraduate Student Services, 1-107 Education North, to personally complete a Student Teaching Registration Card.

(2) Students with problems related to health, speech, or any other disability should consult Undergraduate Student Services.

(3) Because of the Faculty’s commitment to our school partners to ensure that student teachers are able to meet the expectations of full involvement in the school setting, students must not register in any courses additional to those defined for their Introductory or Advanced Professional term.

(4) Students are not permitted to register in Field Experience courses while on Academic Warning.

(5) A student who has been assigned a grade of “W” or “NC” in a Field Experience course is entitled to a second registration in this course. See also §22.1.3 (Reregistration in Courses). Notwithstanding §22.1.3, if a student receives a “W” or “NC” in the second attempt of a Field Experience course, he/she is required to withdraw from the faculty of education.

(6) Any student who has withdrawn from a Field Experience course must receive the approval of Undergraduate Student Services to reregister in the course.

(7) Although special services are provided on campus to assist disabled students, these same services may not be available for off-campus placements.

(8) The Faculty of Education is committed to a Regional placement program in which students are encouraged to complete field experiences in rural Alberta. All students should consider at least one regional placement. Students wanting rural placements should apply in early April for Fall Term and in early November for Winter Term.
(9) Students are expected to access the Field Experience Handbook online at www.education.ualberta.ca/ed/LndDegProg before the beginning of each EDFX course. This handbook provides specific information about student teaching and outlines what is expected of student teachers.

(10) Students in schools during the field experience are expected to conduct themselves according to the Alberta Teachers’ Association Code of Professional Conduct and the University of Alberta Code of Student Behavior: Conduct and Discipline. Student teachers shall

a. recognize and accept that the welfare of the students is of ultimate concern and that the cooperating teacher has the final responsibility for what occurs in the classroom; and

b. maintain an ethical and professional attitude toward all members of the school community. Become familiar with the Alberta Teachers’ Association Code of Professional Conduct. This code will be a guideline for your behavior in the school community.

Students are held accountable to these standards and answerable to the Associate Dean (Field Experiences) and the Dean of Education.

(11) Access to transportation is not considered in making placements in the Edmonton area. Placements can be made anywhere in the Greater Edmonton area, including Devon, Fort Saskatchewan, Leduc, Morinville, St Albert, Sherwood Park, Spruce Grove and Stony Plain.

(12) Field Experience courses other than EDFX 476 are not normally offered during Spring/Summer.

73.2.4 Important Dates - Field Experiences

(1) Elementary Route: Withdrawal Deadlines—Introductory Professional Term
On-campus courses except EDEL 300 EDFX 325 End of Week 6 of Classes End of Week 3 of Placement
EDEL 300 EDFX 325 End of Week 4 of Classes End of Week 3 of Placement

(2) Elementary Route: Withdrawal Deadlines—Advanced Professional Term
On-campus courses EDFX 426 or 426 End of Week 2 of Classes End of Week 6 of Placement
EDFX 426 or 426 End of Week 2 of Classes End of Week 6 of Placement

(3) Secondary Route: Withdrawal Deadlines—Introductory Professional Term
On-campus courses except EDSE minor EDFX 350 End of Week 6 of Classes End of Week 3 of Placement
EDSE minor EDFX 350 End of Week 4 of Classes End of Week 3 of Placement

(4) Secondary Route: Withdrawal Deadlines—Advanced Professional Term
On-campus courses EDFX 450 EDFX 451 End of Week 6 of Placement End of Week 3 of Classes
EDFX 450 EDFX 451 End of Week 6 of Placement End of Week 3 of Classes

(5) Spring and Fall Break as per local school district.

73.3 Student Advising

Undergraduate Student Services (USS)

USS staff assists with admission, readmission, program requirements, field experiences, and any other issues related to a student’s degree or diploma program. USS maintains the official Faculty record of each student’s academic program as well as the student teaching reports. These records are held for three years after graduation.

All queries can initially be handled by USS staff; if necessary, students will be referred to the appropriate University department for a final resolution.

Associate Dean (Teacher Education)

The Associate Dean is responsible for the overall administration of all matters related to the undergraduate program. The Associate Dean works with the Registrar’s Office, other Faculties and departments, the Assistant Dean (Field Experiences), and the Director of Student Support on program-related concerns and any other problems arising in administering Faculty policies and regulations.

Associate Dean (Field Experiences)

The Associate Dean (Field Experiences) is responsible for all matters related to student teaching and field experience courses. Field Experiences staff arrange for cooperating teachers and university facilitators who work with students regularly during the Introductory and Advanced Professional Terms.

Director of Student Support

Students who encounter special difficulties should make an appointment with the Director of Student Support who assists students having problems related to their degree program or other problems of an individual nature. Students must obtain approval for certain special requests and must consult the Director before submitting a formal appeal to the Faculty Academic Appeals Committee.

73.4 Academic Standing and Promotional Standards

73.4.1 BEd; BEd (After Degree); BA (Native Studies)/BEd Combined Degrees Program; BPE/BEd (Elementary) (Secondary) Combined Degrees Program

(1) Academic standing for the Bachelor of Education; Bachelor of Education (After Degree); Bachelor of Arts (Native Studies)/Bachelor of Education Combined Degrees Program; Bachelor of Physical Education/Bachelor of Education (Elementary) (Secondary) Combined Degrees Program; Bachelor of Science in Human Ecology/Bachelor of Education Combined Degrees Program is assessed based on the Fall/Winter grade point average (GPA). Students are expected to maintain a minimum GPA of 2.0.

See §23.4(6) and 23.9.2 for information on calculation of GPA’s and the academic record. The GPA is printed on the official transcript and the Statement of Results issued after each Fall/Winter or Spring/Summer period.

A review of academic performance is conducted for each student at the end of each Fall/Winter (September to April) and Spring/Summer (May to August), covering the previous period’s work. If a student has only registered for one term during either Fall/Winter or Spring/Summer then a review will be done on that term.

The assignment and reassignment of categories of academic standing are based on a student’s performance in a minimum of ★9. If, at the time of review, the student has attempted fewer than ★9 since the last assignment of a category of academic standing, the review will be deferred and the academic standing assigned at the last review will remain in effect until the next review. The ★9 needed for an academic review is cumulative. Once a student has completed a minimum of ★9, over one or more terms, a review will be done.

(2) Categories of Academic Standing:

One of three categories of academic standing is determined for each student based on the GPA.

Satisfactory Standing: Students with a GPA of 2.0 or greater are considered to be in Satisfactory Standing and may continue in the program.

Marginal Standing—Academic Warning: Students with a GPA of 1.7 to 1.9 inclusive are considered to be in Marginal Standing and may be permitted to continue on Academic Warning.

Unsatisfactory Standing—Required to Withdraw: Students with a GPA of 1.6 or less, or students who have been assigned Marginal Standing on two occasions (not necessarily consecutively) while registered in the Faculty, are considered to be in Unsatisfactory Standing and are required to withdraw from the Faculty.

73.4.2 Marginal Standing—Academic Warning

(1) A student placed on Academic Warning resulting from Marginal Standing is bound by the following requirements:

a. A student must complete ★30 with a GPA of 2.0, calculated on these ★30, or complete a minimum of ★24 with a GPA of 2.3, calculated on these ★24; or complete a minimum of ★18 with a GPA of 2.7, calculated on these ★18

Note: Students are not required to complete these minimum number of units of course weight in one Fall/Winter.

b. A student on Academic Warning must maintain a GPA of at least 2.0 for each full session in which the student is enrolled.

c. A minimum of ★9 does not have to be completed for a performance review to be conducted when a student is on Academic Warning. A review will be done after each term on any work done. A minimum GPA of 2.0 must be maintained on all work.
(d) Registration in the Introductory or Advanced Professional Term will not be permitted while on Academic Warning. If special circumstances warrant, permission must be obtained from the Director of Student Support.

(e) Students must maintain continuous registration during each Fall/Winter they are on Academic Warning by registering in at least 3 credits during the September–April period. Students who do not maintain continuous registration will be required to compete for readmission.

(f) Students are not normally permitted to take courses at another institution while on Academic Warning.

(g) Students are not normally permitted to Stop Out [see §73.2.1(3)] while on Academic Warning.

(2) Required to Withdraw

a. Students cannot be placed on Academic Warning more than once during any degree program offered by the Faculty of Education. Therefore, students must maintain Satisfactory standing after clearing Academic Warning.

b. Students who fail to meet the standards and requirements of Academic Warning or who are placed on Academic Warning twice during their program will normally be required to withdraw and remain out of the Faculty.

(3) Readmission After Required to Withdraw

a. A student required to withdraw may apply and compete for readmission to the Faculty of Education after completing a minimum of 24 transferable to the University of Alberta. See §15.6.1 VII.

b. Normally, students are to successfully complete the 24 at another postsecondary institution. Students with a GPA of between 1.3 and 1.6 may be permitted to continue at the University of Alberta in the Fresh Start program to complete the 24 providing they have not previously been on Academic Warning or Probation, or have been Required to Withdraw, from any postsecondary program. The Director of Student Support will determine whether to recommend a student for participation in the program and will notify the student of that option. Further detailed information can be found in §11.4.5, 23.6.2, and 210.5.

c. Students who are not eligible to participate in the Fresh Start program may petition the Director of Student Support for permission to continue in the Faculty on probation. A student on probation must maintain a GPA of at least 2.0 on all work. Should a student’s GPA fall below 2.0 on any work they will be required to withdraw and will not be readmitted to the Faculty.

d. Students who have been required to withdraw and who, after being readmitted, are again given Academic Warning will be required to withdraw and will not be readmitted to the Faculty.

73.4.3 Academic Standing for BSc (Specialization in Science and Education) and BEd Combined Degrees Program

(1) Continuation in the Bachelor of Science (Specialization in Science and Education) and Bachelor of Education Combined Degrees Program requires a Fall/Winter Grade Point Average (GPA) of at least 2.3. A student who does not meet the requirement to continue in the combined degrees program must withdraw from the combined program and may apply for admission to either a BEd program or a BSc program, if eligible. Refer to §15.6.1 or §15.16.1 for academic standing regulations for admission to the BEd or BSc General programs.

Note: Students in the BSc/BEd are registered in the Faculty of Science for the first two years of the five-year program. They are registered in the Faculty of Education commencing the beginning of the third year.

(2) Grade Point Average (GPA): The Grade Point Average is the weighted average over all courses attempted while registered in Fall/Winter. See §23.4(0) and §23.9.2 regarding rules for calculation of the GPA.

73.4.4 Academic Standing for the BMus/BEd Combined Degrees Program

(1) To be eligible to continue in the program, students will need a minimum GPA of 2.3 for each Fall/Winter. See §92.3a(6) and 23.9.2 for information on calculation of Fall/Winter GPAs and the academic record.

(2) Successful completion of the program requirements includes a GPA of 2.3 on all courses completed in the program.

(3) Students must complete at least 33 during each Fall/Winter in every year except Year 4 where 30 is required. A reduced course load to 24 requires only the approval of the Department of Music; a course load of less than 24 requires the approval of both Faculties and is based on a recommendation from the Department of Music.

(4) Students who fail to meet the requirements for promotion as outlined in (1) above will be required to withdraw from the BMus/BEd Combined Degrees program. Such students may transfer to another program in the Faculty of Arts, the Faculty of Education or another Faculty, provided the entrance and promotion requirements for such a program are met. After transfer, all requirements for the new program must be met.

(5) Students who fail to meet the fifth-year requirements in the program will be permitted to fulfill those requirements only with the approval of the Faculty of Arts and the Faculty of Education upon the recommendation of the Department of Music. Otherwise, students must withdraw from the program and, if so desired, transfer to another program in the Faculty of Arts or Education for which they are able to meet entrance and promotion requirements.

(6) The BMus/BEd Combined Degrees program may be interrupted only with the prior consent of the Department of Music, the Faculty of Arts, and the Faculty of Education. Readmission and continuation will be subject to any conditions, including rereading and new program requirements, that may be specified by the Department of Music, the Faculty of Arts, and the Faculty of Education.

73.4.4.1 Residence Requirements

(1) Students proceeding toward the BMus/BEd Combined Degrees program must normally have credit in at least 96 offered by the University of Alberta.

(2) Students who take part of their final 60 at another postsecondary institution must seek the approval of the Department of Music, the Faculty of Arts, and the Faculty of Education.

73.5 Appeals

73.5.1 BEd; BEd (After Degree); BA (Native Studies)/BEd Combined Degrees Program; BMus/BEd Combined Degrees Program; BPE/BEd (Elementary) (Secondary) Combined Degrees Program; BSc in Human Ecology/BEd Combined Degrees Program

Faculty decisions regarding the Bachelor of Education, Bachelor of Education (After Degree); Bachelor of Arts (Native Studies)/Bachelor of Education Combined Degrees Program; Bachelor of Music/Bachelor of Education Combined Degrees Program; Bachelor of Physical Education/Bachelor of Education (Elementary) (Secondary) Combined Degrees Program; Bachelor of Science in Human Ecology/Bachelor of Education Combined Degrees Program academic standing or standing in an individual course can become the subject of an appeal. A student wanting to appeal an academic decision must attempt to resolve the issue first with the professor concerned (if applicable), then with the Department Chair, and, if still unresolved, with the Director of Student Support. For appeals relating to academic standing, students should first see the Director of Student Support and, if necessary, the Associate Dean (Undergraduate Student Services). If the matter remains unresolved, students may then appeal to the Faculty Academic Appeals Committee. A written statement of appeal must be submitted to the Chair of the Faculty Academic Appeals Committee by the following deadlines:

- March 1 for Fall Term courses
- June 30 for Winter term and Fall/Winter courses
- September 30 for Spring/Summer courses

These deadlines apply to appeals of grades and academic standing. Further details of the Faculty’s appeal procedures are available from the Director of Student Support or the Associate Dean (Undergraduate Student Services). 1–107 Education North. Certain decisions of the Faculty Academic Appeals Committee may be appealed to the General Faculties Council Appeals Committee. See §23.8.

73.5.2 BEd/BSc (Specialization in Science and Education) Combined Degrees Program

(1) A student in the Bachelor of Education/Bachelor of Science (Specialization in Science and Education) Combined Degrees Program seeking a review of a decision on academic standing must first consult the Associate Dean (Undergraduate Student Services) in the Faculty of Education and submit a written statement pertaining to the specific decision affecting the student’s academic standing. This statement should include related documents on which an appeal can be based and must be made within 30 days of the original decision on academic standing. The Associate Dean of Education consults the senior Associate Dean of Science, and they decide on the appeal and inform the student.
(2) If the student is not satisfied with the decision, the student may appeal, in writing, to the Dean of Education. The Dean of Education consults the Dean of Science. They decide on the appeal and inform the student. An appeal to the Dean must be made within 15 days of receiving the written decision from the Associate Dean. 

(3) If the student is still not satisfied, the student may appeal, in writing, to the Bachelor of Education/Bachelor of Science (Specialization in Science and Education) Program Appeals Committee on Academic Standing. An appeal to this committee must be made within 30 days of receiving the written decision from the Deans.

(4) If the latter appeal decision is not satisfactory, the student has the right to appeal to the GFC Academic Appeals Committee. An appeal to this committee must be made within 30 days of receiving the written decision from the Combined Program Appeals Committee.

73.6 Reexamination

See §23.5.5.

73.7 Graduation

73.7.1 BEd and BEd (After Degree)

(1) To receive the Bachelor of Education degree, students must

a. successfully complete a minimum of ★60 of their program at the University of Alberta and a minimum of ★65 after admission to the Faculty of Education (After Degree students must complete a minimum of ★30 after admission to the Faculty of Education).

b. obtain a graduation GPA of 2.0 calculated on the most recent ★60 completed at the University of Alberta for the Bachelor of Education or the most recent ★65 completed at the University of Alberta for the Bachelor of Education/After Degree. Courses with non-numeric marks are included in the credit count but not in the calculation of the average; and

c. successfully complete all field experience requirements.

(2) Students may complete up to ★12 in addition to those required for the degree program to raise their graduation GPA to the required level of 2.0.

(3) To qualify for the notation “With Distinction” on their parchment, students must have achieved a graduation GPA of 3.5.

(4) For students expecting to convocate at Spring Convocation, all course requirements must be completed by April 30. Those completing degree requirements during Spring/Summer will be eligible for Fall Convocation.

73.7.2 BA (Native Studies)/BEd Combined Degrees Program

(1) Graduation requirements include an overall grade point average of 2.0 on all courses completed in the ★150 program, and a GPA of 2.1 on all courses completed in the Native Studies major.

a. 100-level courses: For the purpose of the combined degrees program normally no more than ★60 at the 100-level may be taken for degree credit.

(2) To qualify for the Bachelor of Native Studies and the Bachelor of Education degrees, students must successfully complete relevant program requirements, have met the promotion, graduation, final year, and residence requirements, and have received the recommendation of the School of Native Studies Council and the Faculty of Education.

(3) Degrees with Distinction shall be awarded to students who achieve a grade point average of 3.5 or more, both on all of the units of course weight credited to the program and on all of the units of course weight in Music. In the case that transfer or other students have attempted, as part of their program, courses at other institution, the Degree “With Distinction” will be awarded at the discretion of the Faculties.

73.7.3 BSc (Specialization in Science and Education)/BEd (Secondary) Combined Degrees Program

To receive the Bachelor of Science (Specialization in Science and Education)/Bachelor of Education (Secondary) Combined Degrees Program, a student must complete all requirements of the combined program and must achieve a graduation GPA of at least 2.3 on all courses with numeric grades credited to the combined program (calculated on the last ★90 credited to the degree). In addition, a GPA of at least 2.7 must be attained in all courses in the major Subject or Area of Concentration.

Notes

(1) Only successfully completed courses applicable to the students’ Bachelor of Science (Specialization in Science and Education)/Bachelor of Education (Secondary) Combined Degrees Program will be used to calculate the graduation GPA.

(2) Students will be allowed to take up to ★12 in addition to those required for the degree program to raise their graduation GPA to the required level of 2.3.

(3) Students who take part of the final ★60 at another postsecondary institution must seek approval of the Associate Dean (Undergraduate Student Services).

(4) To qualify for the notation “With Distinction” on their parchment, students must achieve a graduation GPA of 3.5.

73.7.4 BMus/BEd (Secondary) Combined Degrees Program

(1) To qualify for the Bachelor of Music/Bachelor of Education (Secondary) Combined Degrees Program, students must successfully complete relevant curriculum requirements, the promotion, final year and residence requirements, and receive the recommendation of the Department of Music, the Faculty of Arts, and the Faculty of Education.

(2) Degrees With Distinction shall be awarded to students who achieve a grade point average of 3.5 or more, both on all of the units of course weight credited to the program and on all of the units of course weight in Music. In the case that transfer or other students have attempted, as part of their program, courses at other institution, the Degree “With Distinction” will be awarded at the discretion of the Faculties.

73.7.5 BPE/BEd (Elementary) (Secondary) Combined Degrees Program

Regulations for the Bachelor of Physical Education/Bachelor of Education (Elementary) (Secondary) Combined Degrees Program are the same as those for the Bachelor of Education degree (see 73.7.1).

73.7.6 BSc in Human Ecology/BEd (Secondary) Combined Degrees Program

Regulations for the Bachelor of Science in Human Ecology/Bachelor of Education (Secondary) Combined Degrees Program are the same as those for the Bachelor of Education degree (see 73.7.1).

73.8 Special Faculty Regulations

(1) Transfer from One Route to Another: Students who wish to change their route should consult Undergraduate Student Services. Route changes are possible, but students must meet all the requirements of the new route, which may involve additional coursework. Admission to the new route is on a competitive basis.

Students wishing to change their route must submit an Application for Readmission/Internal Transfer form to the Office of the Registrar and Student Awards.

(2) Advance Credits for Certificated Teachers: Normally one year’s credit in the four-year program is given for basic teacher education programs.

(3) Review of Inactive Programs: A student whose degree program has been inactive for three years, or who has failed to complete the degree in 15 years, may have the program reviewed and, if necessary, rearranged according to prevailing requirements.

(4) Attendance at Another Institution as a Visiting Student: Following initial admission, students are expected to complete all requirements at the University of Alberta. However, under academically justifiable special circumstances students, prior to registering in any course at another institution, may apply to Undergraduate Student Services for permission to take courses at another institution for application to their program if:

a. they are degree program students of the Faculty of Education;

b. they have already completed a minimum of ★24 of their program at the University of Alberta; and

c. they present Satisfactory Standing (i.e. GPA of 2.0 or greater).

Approval will not be granted for the following requests: if the equivalent course is available to that student on campus in the same term, if the student has already received the maximum allowable transfer credits, or if course activity may or will overlap any professional term. Transfer credit will not be granted unless prior permission has been obtained in writing.
73.9 Teaching Certification

Alberta Teaching Certificates are issued by the Minister of Learning and the Registrar, Teacher Certification and Development, Alberta Learning. The Faculty of Education recommends for certification those students who have completed the necessary requirements and are Canadian citizens or individuals lawfully admitted to Canada for permanent residence.

Students attending the University of Alberta on a Study Permit will not be recommended for certification.

To be recommended for an Alberta Teaching Certificate, a student must have completed a Bachelor of Education degree.

All persons applying for certification as a teacher in Alberta will be subject to the following restrictions on eligibility:

Except where the Minister of Learning decides otherwise, the Registrar, Teacher Certification and Development, Alberta Learning may not issue a teaching certificate to:

1. a person who has been convicted of an indictable offence under the Criminal Code; or
2. a person whom the Registrar has reason to believe should not be issued a certificate.

Applications for a teaching certificate shall be directed to the Registrar. As part of the application process, applicants will be asked whether they possess a criminal conviction. If the response is yes, the nature of the conviction and when and where they were convicted must be detailed.

The Registrar shall refuse to issue a teaching certificate to any applicant possessing an indictable criminal conviction. The Registrar may refuse to issue a teaching certificate to an applicant possessing a criminal conviction of a nature deemed unsuitable for teaching children or for any other reason. Applicants may appeal the decision of the Registrar to a Certification Appeal Committee established by the Minister. Appeals must be made in writing within 30 days of being advised of the Registrar’s decision not to issue a certificate.

74 Professional Standards

Students’ performance and behavior in the classroom on campus and while student teaching in the schools are subject to the guidelines laid out in the Code of Student Behavior (§30.3.3), §87 of the General Faculties Council Policy Manual and the Alberta Teachers’ Association Code of Professional Conduct.

74.1 Criminal Record Check

Students should be aware that under the Protection for Persons in Care Act, they may be required to satisfy a criminal record check before being allowed to serve a period of internship/practicum placement/field experience placement. Refer to §23.8.3 for more information.

74.2 Field Experience Placements, Professional Practice and the Public Interest

The Dean, or Designate acting on behalf of the Dean, may immediately deny assignment of a student or withdraw a student from, or vary terms, conditions or site of a field experience placement if the Dean or Designate has reasonable grounds to believe that this is necessary in order to protect the Public Interest. Refer to §23.8.2 and §87 of the GFC Policy Manual for additional information.

75 Programs of Study

75.1 Degree of BEd

Underlying Principles

The following principles underlie all teacher preparation programs:

1. The education of a teacher is a continuous, life-long process. In addition to emphasizing basic or fundamental preparation, the initial pre-service experience should aid the development of attitudes that encourage self-evaluation and improvement, and the acquisition of knowledge and skills that facilitate life-long learning.

2. All teacher preparation degree programs provide intending teachers with essential practical skills, a knowledge of theory and its relationship to practice, liberal studies, and subject-matter competence.

3. The Faculty of Education is committed to providing quality teacher preparation programs and recognizes the importance of continuously monitoring, evaluating and refining its offerings to adequately reflect changes in society and advances in knowledge.

4. The Bachelor of Education degree consists of a minimum of 120 credits, of which at least 24 are taken before admission to the Faculty of Education.

Program Planning

The Faculty of Education provides students with an official program outline when they are admitted. Using this, students are expected to be able to identify remaining course requirements for their particular degree program.

Students are responsible for being acquainted with all applicable regulations and meeting the requirements for the degree as outlined. Any exceptions to the requirements must be approved in writing by the Associate Dean (Undergraduate Student Services) with one copy to be placed in the student’s file and one to be given to the student.

Note: The program details listed in the following three sections apply only to students registered in the 1+3 Bachelor of Education degree program.

Students enrolled in the Bachelor of Education (After Degree) should consult §76 for program details.

75.2 Adult Education Route

75.2.1 General Information

The Adult Education Route in the Bachelor of Education degree is a continuing professional education program for adult educators and trainers instructing in various settings.

Time Limit for Completing the Adult Education Route BEd Degree

Current students admitted prior to September 2004 must complete the program requirements in effect at the time of admission on or before April 30, 2007.

75.2.2 Components of the Program

Courses may be taken at various times in a student’s program depending on individual plans for attending university. Normally, the minimum requirement of one year of full-time attendance occurs toward the end of a student’s program.

Advanced Standing (30)

Students entering this program are given 30 of Advanced Standing for the following courses: EDAE 223 (3); EDAE 243 (3); EDAE 323 (3); EDAE 343 (3); EDAE 423 (3); EDAE 443 (3); EDFX 497 (12). See §15.6.1(c).

Required Courses (90)

Adult Education Courses (18): EDAE 390 (3); EDAE 445 (3); EDAE 460 (3); EDAE 481 (3); EDAE 475 (3); EDAE 485 (3).

Education General (21): EDPS 410 (3); EDPS XXX (3); EDPY 3XX/4XX (3); choose any EDPY course at the 300- or 400-level; Education Options (12); choose any courses offered by the Faculty of Education English (6): Choose any Introductory courses offered by the Department of English.

Minor Courses (18): Choose from a subject area identified in either Education Chart 2 or 3.

Non-Education Options (15): Select any courses from outside the Faculty of Education.

Computing (3): Choose EDIT 202 or CMPUT 1XX or equivalent.

Open Options (3): Select any courses from any Faculty.

Note: Non-Education courses may be used to extend competency in the Minor or for a more general education.

75.3 Elementary Education Route

75.3.1 General Information

The Department of Elementary Education prepares teachers to teach all subjects and to facilitate the learning of all children at the elementary school level within our multicultural society. Teaching proficiency depends on knowledge of subject matter, pedagogy, critical thinking and problem-solving skills, professional ethics, sensitivity to and respect for children and the sociocultural contexts in which they live, and an understanding of schooling in
their social/political/economic environment. Developing attributes, fostering a sense of community, and developing a strong professional commitment reflected in a personal philosophy of education are the intent of the Department of Elementary Education.

### 75.3.2 Components of the Program

All students in the Elementary Route are enrolled in a generalist program that prepares prospective teachers in the required elementary school subjects. This degree consists of 120 overall, of which 30 are normally taken in a preprofessional year. Students planning to enter the Elementary Route are strongly encouraged to take the Non-Education elements in the Preprofessional Year.

### Program Requirements (120)

1. **Education Core I (6)**
   - EDU 250 (3)
   - EDPY 200 (3)

2. **Computing Requirement (3)**
   - EDIT 202 is recommended or CMPUT 1XX or equivalent. (Students are encouraged to enroll in the Computing Requirement as early as possible).

3. **Non-Education (9)**
   - ART 131 is an Elementary Education elective. (MATH 160 is recommended).

4. **Element I: Language/Literature (6)**
   - CHRT 380; DANCE 431; DRAMA 149, 247; EDPS 205 or 321; PAC 110, 111, 112; PAC 325, 326; PHILOS 205 or 326;
   - 420; PEDS 492; SOC 271.

5. **Element II: Mathematics (3)**
   - ART H 101 or 102 is a prerequisite for all other ART H credits in this minor.
   - DANCE 340, 350 or 431; HE 425, 427; EDIT 404, EDSE 424.

6. **Element III: Social Science (3)**
   - ANTH 393; HECOL 200, 201, 203.

7. **Element IV: Natural Science (3)**
   - ANTH 473, 475 or 477.

8. **Element V: Fine Arts (3)**
   - ART H 101 or 102.

9. **Element VI: Health Education (3)**
   - ANTH 478, 482, 485, 486, 489, 493, 495; HECOL 211, 310, 412, 413; LING 101, 316, 319, 320, 322; SOC 100, 224, 225, 241, 260, 300, 301, 321, 342, 368, 377, 471, 477; STAT 151, 252.

10. **Physiological Requirement (3)**
    - PHYS 151, 155, 156, 207, 230.

11. **Integrative Requirement (3)**
    - PSYCO 104 cannot be used for this element.

12. **Open Option (9)**
    - Select any courses from outside the Faculty of Education.

### Education Chart 1 Requirements for Minors in the Elementary Route

#### Non-Education (9)

1. **Element I: Language/Literature (3)**
   - CHRT 380; DANCE 431; DRAMA 149, 247; EDPS 205 or 321; PAC 110, 111, 112; PAC 325, 326; PHILOS 205 or 326;
   - 420; PEDS 492; SOC 271.

2. **Element II: Mathematics (3)**
   - ART H 101 or 102 is a prerequisite for all other ART H credits in this minor.

3. **Element III: Social Science (3)**
   - ANTH 393; HECOL 200, 201, 203.

4. **Element IV: Natural Science (3)**
   - ANTH 473, 475 or 477.

5. **Element V: Fine Arts (3)**
   - ART H 101 or 102.

6. **Element VI: Health Education (3)**
   - ANTH 478, 482, 485, 486, 489, 493, 495; HECOL 211, 310, 412, 413; LING 101, 316, 319, 320, 322; SOC 100, 224, 225, 241, 260, 300, 301, 321, 342, 368, 377, 471, 477; STAT 151, 252.

7. **Physiological Requirement (3)**
   - PHYS 151, 155, 156, 207, 230.

8. **Integrative Requirement (3)**
   - PSYCO 104 cannot be used for this element.

9. **Open Option (9)**
   - Select any courses from outside the Faculty of Education.

#### Education Core I (6)

- EDU 250 (3)
- EDPY 200 (3)

### Education Core II (15)

- EDEL 355; EDEL 329; EDEL 305; EDEL 330; EDEL 316; EDEL 339; EDEL 321.

#### Minor Requirements (18–21)

- Students should enrol in courses that develop additional strengths for classroom teaching. Courses related to the teaching Minor or additional courses from the Elements are recommended.

#### Physical Education (18)

- Select any courses from outside the Faculty of Education.

#### Open Option (9)

- Select any courses from outside the Faculty of Education.
Education Chart 1 Requirements for Minors in the Elementary Route (cont’d)

Note: *6 of Non-Education courses in a Minor must be at the 200-level or higher.

Second Languages: Cree (★21)

Non-Education (★18)
1. ★12 to ★15 in Language/Linguistics chosen from LINU 100, 101, 320, NS 210, 211, 219, 302, 305, 400.
2. Culture: ★3 to ★6 chosen from NS 200, 210, 211, 260, 300, 352, 355, 360, 400.

Education (★3)
3. ★3 EDEL 445.

Notes:
- EDEL 445 has a prerequisite of the Introductory Professional Term.

Second Languages: French (★21)

Non-Education (★18)
1. ★12 to ★15 in Language/Linguistics chosen from HÉN 211, 212, 297 and 298, or 299, 254, 354, 371, 372, 456, 473, 479.

Education (★3)
3. ★3 LLUL 440.

Notes:
- (1) LLUL 440 has a prerequisite of the Introductory Professional Term.
- (2) Many courses offered by Faculté Saint-Jean may be credited toward the program. Consult the subject area advisor.

Second Languages: German (★21)

Non-Education (★18)
1. ★12 to ★15 in Language/Linguistics chosen from ULM 211, 212, 303, 304, 308, 309, 316, 317, 402, 404, 405, 406, 407, 408, 409, 416, 417, 441, 443, 444.
2. ★3 to ★6 in Literature/Culture chosen from GERG 233, 234, 351, 352, 354, 346, 409, 415, 416, 417, 418, 419, 420.

Education (★3)
3. ★3 EDEL 445.

Notes:
- EDEL 445 has a prerequisite of the Introductory Professional Term.

Second Languages: Italian (★21)

Non-Education (★18)
1. ★12 to ★15 in Language/Linguistics chosen from ITAL 111, 112, 211, 212, 300, 402, 425.
2. ★3 to ★6 in Literature/Culture chosen from ITAL 203, 340, 363, 379, 415, 419, 420.

Education (★3)
3. ★3 EDEL 445.

Notes:
- LLUL 440 has a prerequisite of the Introductory Professional Term.

Second Languages: Japanese (★21)

Non-Education (★18)
2. ★3 to ★6 in Literature/Culture chosen from JAP 201, 202, 320, 415, 416, 418, 419, 420.

Education (★3)
3. ★3 EDEL 445.

Notes:
- EDEL 445 has a prerequisite of the Introductory Professional Term.

Second Languages: Mandarin (★21)

Non-Education (★18)
1. ★12 to ★15 in Language/Linguistics chosen from CHIN 101/102, 201/202, 211/212, 318/319, 341/342, 350, 401, 402, 414, 450.
2. ★3 to ★6 in Literature/Culture chosen from CHINA 220, 323, 324, 327, 338, 339, 410, 420, 425, 450.

Education (★3)
3. ★3 EDEL 445.

Notes:
- EDEL 445 has a prerequisite of the Introductory Professional Term.

Second Languages: Spanish (★21)

Non-Education (★18)
1. ★12 to ★15 in Language/Linguistics chosen from SPAN 111, 112, 211, 212, 300, 305, 370, 371, 405, 406, 407, 431, 473, 475, 476.
2. ★3 to ★6 in Literature/Culture chosen from SPAN 303, 307, 309, 310, 325, 330, 331, 335, 381, 440, 443, 450, 452, 455, 460.

Education (★3)
3. ★3 EDEL 445.

Notes:
- (1) EDEL 445 has a prerequisite of the Introductory Professional Term.
- (2) Many courses offered by Faculté Saint-Jean may be credited toward the program. Consult the subject area advisor.

Second Languages: Ukrainian (★21)

Non-Education (★18)
1. ★12 to ★15 in Language/Linguistics chosen from UKR 211, 212, 300 or 303, 304, 403, 404, 406, 407, 411.
2. ★3 to ★6 in Literature/Culture chosen from SLAV 485, 488, UKR 327, 405, 410, 415, 422, 423, 469, 471, 472, 473, 474, 475.

Education (★3)
3. ★3 EDEL 445.

Notes:
- EDEL 445 has a prerequisite of the Introductory Professional Term.

Second Languages: Other (★21)

It may be possible to arrange a program for students who intend to teach a language other than those listed here and which is offered in the school system. Interested students should consult the Second Languages Advisor.

Social Studies (★18)

Non-Education (★15)
1. ★6 chosen, in three distinct subject areas, from Anthropology, Archeology (Department of Classics), Earth and Atmospheric Sciences, Economics, History, Law, Philosophy, Political Science, Religion, Sociology.
2. ★3 chosen from courses in Canadian History
3. ★3 chosen from Earth and Atmospheric Sciences

Education Core I (★6)
EDU 250 (★3)
EDPY 200 (★3)

(5) Introductory Professional Term (★15)
EDFX 350 (★3)
EDPS 310 (★3)
EDPY 301 (★3)
EDPY 303 (★3)
EDSE 3XX (★3) Curriculum and Teaching for Secondary School Minors

Note: See Chart 3 for specific minor courses required.

(6) Advanced Professional Term (★15)
EDFX 450 (★6)
EDSE 451 (★6)
EDSE 4XX (★3) Curriculum and Teaching for Secondary School Majors
EDSE 4XY (★3) Curriculum and Teaching for Secondary School Majors

(7) Education Core II (★3)
EDPS 410 (★3)

(8) Major Courses (★36)
Some Majors may be completed more efficiently by taking specific courses in the Preprofessional Year. Students should examine the specific course requirements of each Major when considering their choices. Students should complete the remaining required courses for their Major teaching subject as outlined in Education Chart 2.

Note: In addition to the ★6 of Non-Education courses that comprise the Major, ★6 of Curriculum and Instruction courses are associated with the Major which address the program of studies and the processes that facilitate students’ learning.

(9) Minor Courses (★18)
Some Minors may be completed more efficiently by taking specific courses in the Preprofessional Year. Students should examine the specific course requirements of each Minor when considering their choices.

(4) Education Core I (★6)
EDU 250 (★3)
EDPY 200 (★3)

(5) Introductory Professional Term (★15)
EDFX 350 (★3)
EDPS 310 (★3)
EDPY 301 (★3)
EDPY 303 (★3)
EDSE 3XX (★3) Curriculum and Teaching for Secondary School Minors

Note: See Chart 3 for specific minor courses required.

(6) Advanced Professional Term (★15)
EDFX 450 (★6)
EDSE 451 (★6)
EDSE 4XX (★3) Curriculum and Teaching for Secondary School Majors
EDSE 4XY (★3) Curriculum and Teaching for Secondary School Majors

(7) Education Core II (★3)
EDPS 410 (★3)

(8) Major Courses (★36)
Some Majors may be completed more efficiently by taking specific courses in the Preprofessional Year. Students should examine the specific course requirements of each Major when considering their choices. Students should complete the remaining required courses for their Major teaching subject as outlined in Education Chart 2.

Note: In addition to the ★6 of Non-Education courses that comprise the Major, ★6 of Curriculum and Instruction courses are associated with the Major which address the program of studies and the processes that facilitate students’ learning.

(9) Minor Courses (★18)
Some Minors may be completed more efficiently by taking specific courses in the Preprofessional Year. Students should examine the specific course requirements of each Minor when considering their choices.
(10) Education Options (*9)
Select any courses from outside the Faculty of Education.

(11) Education Options (*6)
Select any courses from the Faculty of Education.

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### Education Chart 2: Requirements for Major Subject in the Secondary Education Route

#### Art (*36)
1. 3 AHI 134
2. 3 DES 126
3. 3 chosen from AFT H 101/102 or 206/256
4. 12 to 18 chosen from Art or Design courses
5. 12 to 12 chosen from ANTH 326, 430; CLASS 352, 353; EDIT 488; HECOL 150; NS 250; PHYS 260; PSY CO 495; SOC 461; or any FS, ART, or DES.

#### Biological Sciences (*36)
1. 3 BIOL 107/108
2. 3 BIOL 207/208
3. 3 BOTT 205
4. 3 chosen from PHYS 210; ZOOL 241, 242.
5. 3 to 6 chosen from ANTH 230; CHRTC 302; LLAS 294; HON 294, 391, 394, 396, 397, 398; PHYS 265, 317, 375; PHYS 212, 213; SOC 462.
6. 3 to 15 but with no more than 6 in each of Astronomy, Biochemistry, Biological Sciences (including Botany, Forestry, Genetics, Microbiology, Soils and Zoology), Chemistry, Environmental Sciences (EAS, ENCS, HNL HN), Mathematics, Physics.

#### Career and Technology Studies: Business and Technology (*36)
1. 3 ACCTG 300 or 311
2. 3 B LAW 301
3. 3 LLUS 341
4. 3 EDUB 357
5. 3 chosen from MARK 301, ORG A 301, 430 or 431 (430 recommended)
6. 3 chosen from EDUB 358, EDUS 346, EPDY 442, EDSE 405, FIN 301, RLS 263, or other business or computer related courses from BUS, CMUPUT, EDCT.

#### Career and Technology Studies: Human Ecology (*36)
1. 3 chosen from HECLUL 200, 210, 211, 212, 310, 312, 413 or 414
2. 3 chosen from HE ED 110, 220, 320 or 321
3. 3 NULI 100
4. 4 NULI FS chosen from 100, 200, 323, 372, 374, or 427.
5. 9 chosen from HECOL 150, 170, 250, 298, 353, 354, 360, 441, or 462
6. 6 chosen from LLUS 495, LLUS 346, EDPY 442, or EDIT 480.
7. 3 chosen from 1, 2, 5 or 6 HECCOL 100, 121, 321, 322.

#### Career and Technology Studies: Education (*36)
1. 3 Advanced Professional Term
   a. 3 chosen from HE ED 110, 220, 320 or 321
   b. 6 chosen from HECOL 200, 210, 211, 212, 213; SOC 462.
2. 3 to 15 but with no more than 6 in each of Astronomy, Biochemistry, Biological Sciences, Chemistry, Environmental Sciences (EAS, ENCS, HNL HN), Mathematics, Physics.

#### Mathematics (*36)
1. 3 chosen from MATH 113 or 114
2. 3 chosen from MATH 116 or 226
3. 3 MATH 120 or 125
4. 3 MATH 228 or 229
5. 3 MATH 284
6. 3 MATH 222 or 243
7. 3 STAT 141
8. 3 chosen from UMPU 101, 114; EDSE 435, 442; MATH 153, 212, 215, 222, 225, 243, 322, 341, 343, 421, 422; PHYS 124; or any senior Mathematics or Computing Science courses; or any approved senior science course.

#### Music (*36)
1. 3 chosen from MUSIC 124 or 126
2. 3 chosen from MUSIC 151
3. 3 chosen from MUSIC 153
4. 3 chosen from MUSIC 156
5. 3 chosen from MUSIC 209
6. 3 chosen from MUSIC 211
7. 3 chosen from MUSIC 216
8. 3 chosen from MUSIC 220
9. 3 MUSIC 230
10. 3 MUSIC 315
11. 3 chosen from MUSIC 416, 417, 431

#### Notes
1. (1) If any of the above courses are required for the Major or Minor area, students may substitute the equivalent 3 or 6 from Non-Education courses.
2. Students enrolled in Field Experience courses should note the following:
   a. Final examinations in concurrent lecture courses may be scheduled outside designated examination weeks.
   b. Students may be required to student teach during designated examination weeks.
   c. Reading Week (Winter Term) may be moved to coincide with school systems’ Spring Break.

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*Advanced Professional Term*
### Education Chart 2: Requirements for Major Teaching Subject in the Secondary Education Route (cont’d)

#### Physical Education (36 E)

1. 6 E PHYS 124/126 or 144/146
2. 6 E PHYS 121/123 or 125/127
3. 3 E PEDS 205
4. 3 E PEDS 209
5. 3 E PEDS 307
6. 3 E PEDS 293
7. 18 chosen from the five activity dimensions (a, b, c, d, e) listed below. Students must take EDSE 460 and 461 during the Winter Term only.

#### Second Languages: German (36 E)

1. 12 E to 18 in Language Courses chosen from GER 111, 112, 211, 212, 303, 304, 402, 404, 405, 441, 443, 444.
3. 5 to 9 in Literature chosen from GER 351, 352, 426, 468, 470, 474, 476, 480, 485, 486.
4. 5 to 9 in Culture chosen from LTH 274, 333, 343, with a maximum of 3 chosen from HIST 308, 414.
5. Students must take EDSE 468 and 469 during the Winter Term only.

#### Second Languages: Italian (36 E)

1. 18 to 21 in Language Courses chosen from ITAL 111, 112, 211, 212, 302, 303, 425.
2. 3 in Linguistics chosen from LING 101, 320.
3. 5 to 9 in Literature chosen from ITAL 333, 363, 375, 415, 419, 420.
4. 5 to 9 in Culture chosen from ART H 101, 102, 201, 252; L355 102, 221, 225, 281; ITAL 205, 340, SOC 368.
5. Students must take EDSE 468 and 469 during the Winter Term only.

#### Second Languages: Japanese (36 E)

1. 18 to 21 in Language Courses chosen from JAP 101/102 or 150, 201, 202, 250, 301, 302, 318, 319, 341, 342, 350, 401, 402.
2. 6 in Linguistics chosen from JAP 325, 426, 427, 428, 429, 430; LING 101, 320.
3. 5 to 9 in Literature chosen from JAP 321, 322, 415, 416, 419, 420, 460, 481.
4. 5 to 9 in Culture chosen from ANTH 280, 475; ESA 260; HIST 381, 382, 480; JAPAN 240, 330, 350, 360; RELIG 343.
5. Students must take EDSE 468 and 469 during the Winter Term only.

#### Second Languages: Spanish (36 E)

1. 18 to 24 in Language Courses chosen from FREN 211, 212, 254, 297 and 298, 310, 314, 345, 478.
2. 6 to 9 in Linguistics chosen from FREN 271, 372, 473, 474, 476; LING 101, 320.
3. 6 to 9 in Literature chosen from FREN 301, 311, 313, 462, 463, 464, 465, 466, 467, 468, 476, 478, 480.
4. 3 to 9 in Culture chosen from FREN 233, 312, 315, 317, 341, 440. Students must take EDSE 468 and 469 during the Winter Term only.

### Notes

(1) Students who have credit in French 30 should register in HSEE 211, 212. All others consult the subject area advisor.
(2) Many courses offered by Faculté Saint-Jean may be credited toward your program. Consult subject area advisor.

#### Second Languages: Ukrainian (36 E)

1. 18 to 21 in Language Courses chosen from UKR 111, 112, 211, 212, 300 or 303 and 304, 301, 302, 403, 404, 406.
2. 5 to 9 in Linguistics chosen from LING 101, 320; SLAV 401, 420; UKR 407, 411.
3. 5 to 9 in Literature chosen from SLAV 468, 469; UKR 405, 410, 415, 422, 423, 473, 474, 475.
4. 5 to 9 in Culture chosen from HIST 312, 316, 317, 387, 415; INT D 438; UKR 324, 325, 327, 426, 427, 428, 429, 468.
5. Students must take EDSE 468 and 469 during the Winter Term only.

### Social Studies (36 E)

1. 12 to 15 in Canadian Studies
   a. 3 HIST 290
   b. 3 HIST 261
   c. 3 POL S 221
2. 9 to 15 in World Studies
   a. 6 chosen from HIST 110, 111, 112, 113, 118, 120, 209, 210, 241, 242, 247, 251, 276, 280, 281, 287, 382, 389
   b. 3 chosen from Christian Theology, Economics, Political Science, or Sociology.
3. 9 to 15 in Cultural Studies
   a. 6 chosen from EAS 192, 298, 294
   b. 6 chosen from Anthropology, Christian Theology, Earth and Atmospheric Sciences, Native Studies, Religious Studies, or Sociology.
4. 6 to 9 in General Social Studies chosen from Anthropology, Christian Theology, Classics, Earth and Atmospheric Sciences, History, Native Studies, Philosophy, Political Science, Psychology, Religious Studies, or Sociology.
   Students must take EDSE 468 and 469 during the Winter Term only.
Requirements for Minor Teaching Subject in the Secondary Education Route

Art (18)

1. 3 AHI 134
2. 3 DES 135
3. 3 chosen from ART H 101/102 or
211/216
4. # chosen from Art or Design or HECOL 150.
Students must take EDSE 312 during the
IPT*, which is normally offered in the Fall
Term only.

Biological Sciences (18)

1. # BIL 107
2. # BIL 108
3. # BIL 207
4. # BIL 208
5. # in Senior Biological Sciences
Students must take EDSE 332 during the
IPT*, which is normally offered in both the Fall
and Winter Terms.

Career and Technology Studies

Education Chart 3

Business and Technology (18)

1. # ACCTG 300 or 311
2. # LAW 201
3. # chosen from ORG A 301, 430, RLS 263
or other business related courses.
4. # chosen from EDBU 355, EDBU 480, FIN
311 or other computer related courses
from BUS, CMPT, EDIT or EDCS.
Students must take EDSE 317 during the
IPT*, which is normally offered in the Fall
Term only.

See overview of Career and Technology
Studies majors and minors following 75.4.3.

Career and Technology Studies:

Human Ecology (18)

1. # chosen from HECOL 200, 210, 211,
212, 310, 312, 413, or 414
2. # chosen from BUS, CMPT, EDIT or EDCS.
3. # NUTR 100
4. # NUS F 100, 200, 323, 372, or 374
5. # chosen from HECOL 150, 170, 250,
266, 234, 380, 441, or 442
6. # chosen from MATH 120, 220, 321
or equivalent
Students must take LUSA 322 during the
IPT*, which is normally offered in the Fall
Term only.

See overview of Career and Technology
Studies majors and minors following 75.4.3.

Career and Technology Studies:

Resources (18)

1. # chosen from AN SC 110, 200, 300, 374
2. # chosen from BIL 107, 108, 208, 260
3. # chosen from BUS, CMPT, EDIT or EDCS.
4. # chosen from ENCS 201, 204, 210, 240
5. # chosen from HJ 100, 101, HLN H 110,
125, 221, 227
6. # chosen from ZOOL 225, 241, 242, 301
Students must take EDSE 393 during the
IPT*, which is normally offered in the Fall
Term only.

See overview of Career and Technology
Studies majors and minors following 75.4.3.

Career and Technology Studies:

Technology Education (18)

1. # Advanced Standing and # chosen from
EDSE 466, DEDS 442, EDPS 442, EDPS 440
2. The selection of courses for students not
eligible for # Advanced standing is
under revision. Students not eligible for
# Advanced standing should consult
with Undergraduate Student Services.
Students must take EDSE 388 during the
IPT*, which is normally offered in the Fall
Term only.

Notes
(1) See overview at Career and Technology
Studies majors and minors following 75.4.3.
(2) # Advanced Standing can be granted for
relevant Joint/Certificate in CTS strands. See Chart 5.

Chemistry (18)

1. # CHEM 101/102
2. # CHEM 161 or 261
3. # CHEM 203
4. # chosen from Biochemistry, Chemistry,
Environmental Sciences (EAS, ENCS, REN R),
Physics
Students must take EDSE 364 during the
IPT*, which is normally offered in both the
Fall and Winter Terms.

Drama (18)

1. # DRAMA 102 or 103
2. # DRAMA 149 or 150 (with consent of
the Department of Urama)
3. # DRAMA 247 or 248
4. # DRAMA 279 or 310 (with consent of
the Department of Urama)
5. # chosen from DRAMA 208, 290, 301,
302, 338, 327, DDEL 411
6. # chosen from UHMA 248, 257, 298, 325,
301, 361, 391 or 392 (with consent of the
Drama Department); EDSE 424; DANCE 340
Students must take EDSE 332 during the IPT*
which is normally offered in the Fall
Term only.

Native Education (18)

1. # chosen from ANTHR 101, 150, 207,
208; LING 101, NS 210, 219, SOC 100 or
300, 101, 261, 268, 347.
2. # EDPS 411, 432, 474
3. # chosen from ANTHR 250; NS 153, 154,
211, 314.
Students must take EDPS 311 during the IPT*

Physical Education (18)

1. # PDES 294
2. # chosen from the seven activity
dimensions listed below. (Note: more
than 4.5 can be selected from any
one dimension). A variety of courses
covering personal level of expertise is
recommended.
Aquatics competency recommended (RAC
110 or Red Cross Aquatic Level 12
(White) or YMCA Star 6).
a. Alternative Environments: PAC 110, 163,
184, 187, 189, 201, 301, 303, 310, 380, 381.
b. Dance: DAC 155, 160, 165, 399,
LULAS: 200, 340, 350, 446.
c. Games: PAC 111, 112, 113, 114, 117, 118,
130, 135, 136, 137, 140, 145, 199, 211, 223,
214, 240, 261, 333, 350, 352, 397, 398,
340, 341, 342, 424, 446, 462, 463,
464, 465, 466, 467, 468, 480.
3. # chosen from Philosophy, Religious
Studies, St Joseph’s College, or St
Saint-Jean may be credited toward
the program. Consult the subject area
advisor.

Second Languages: German (18)

1. # in Language courses chosen from
GERM 111, 112, 211, 212, 303, 304,
308, 309, 931, 107, 402, 404, 405, 406,
407, 410, 417, 441, 442, 444,
452, 456, 460, 467, 468, 480.
Students must take LUSA 368 during the
IPT*, which is normally offered in the Fall
Term only.

Second Languages: Italian (18)

1. # in Language courses chosen from
ITAL 111, 112, 211, 212, 280, 289,
2. # in Literature/Culture chosen from
ITAL 231, 311, 312, 313, 314,
315, 316, 333, 361, 364, 369, 442, 446,
462, 463, 464, 465, 466, 467, 468, 480.
Students must take EDSE 368 during the
IPT*, which is normally offered in the Fall
Term only.

Notes
(1) Students whose major is a Second
Language should consult an advisor in the
Department of Secondary Education before
registering in EDSE 368.
(2) Students who have credit in French 30
should register in HJN 211, 212. All
others consult the subject area advisor.
(3) Students 211, 212 should be taken in the
Preprofessional Year.
(4) Many courses offered by Faculté
Saint-Jean may be credited toward
the program. Consult the subject area
advisor.
Second Languages: Japanese (★18)


Students must take EDSE 368 during the IPT*, which is normally offered in the Fall Term only.

Note: Students whose major is also a Second Language should consult an advisor in the Department of Secondary Education before registering in EDSE 368.

Second Languages: Mandarin (★18)

1. ★12 to ★15 in Language courses chosen from CHINA 101, 102, 201, 202, 211, 212, 318/319, 341/342, 401/402.

2. ★3 to ★6 in Literature/Culture chosen from CHINA 220, 338, 339, 410, 414, 420, 425, 450, 455.

Students must take EDSE 368 during the IPT*, which is normally offered in the Fall Term only.

Notes
(1) CHINA 101/102 should be taken in the Preprofessional Year.
(2) Students whose major is also a Second Language should consult an advisor in the Department of Secondary Education before registering in EDSE 368.

Second Languages: Spanish (★18)


2. ★3 to ★6 in Literature/Culture chosen from SPAN 303, 307, 309, 321, 322, 325, 320, 335, 341, 342, 343, 360, 440, 441, 445, 446, 452, 453, 454, 455, 456.

Students must take EDSE 368 during the IPT*, which is normally offered in the Fall Term only.

Note: Students whose major is also a Second Language should consult an advisor in the Department of Secondary Education before registering in EDSE 368.

Second Languages: Ukrainian (★18)

1. ★12 to ★15 in Language courses chosen from UKH 111, 112, 211, 212, 300 or 303 and 304, 301, 403, 404, 406, 407, 411.

2. ★3 to ★6 in Literature/Culture chosen from SLAV 468, 469, UKR 327, 405, 410, 415, 422, 423, 469, 473, 474, 475.

Students must take EDSE 368 during the IPT*, which is normally offered in the Fall Term only.

Note: Students whose major is also a Second Language should consult an advisor in the Department of Secondary Education before registering in EDSE 368.

Second Languages: Other (★18)

It may be possible to arrange for a program for students who intend to teach a language other than those listed here which is offered in the school system. Interested students should consult the Second Languages Advisor.

Social Studies (★18)

1. ★6 in Canadian Studies chosen from HIST 260, 261, POL S 221.


3. ★6 in Cultural Studies chosen from Anthropology, Native Studies, Religious Studies, Sociology: EAS 102, 202, 204. Students must take EDSE 373 during the IPT*, which is normally offered in both the Fall and Winter Terms.

Special Education (★18)

1. ★3 EDPS 404

2. ★3 EDPY 454

3. ★3 EDPY 468

4. ★3 EDPY 4XX

5. ★6 chosen from related courses offered by Agriculture, Forestry, and Home Economics; Arts (Psychology, Sociology); Education; Physical Education. Students must take EDPY 468 during the IPT*.

Note: Contact Special Education advisor for information about related courses.

75.4.3 Career and Technology Studies

Career and Technology Studies (CTS) is a complementary program consisting of 660 one-credit courses within 22 distinct strands available to junior and senior high schools in Alberta. CTS encompasses the former Practical Arts Subjects (Business Education, Home Economics, Industrial Arts, and Vocational Education) to which the Resources strands have been added. The strands are grouped within four majors and four minors in the Secondary Education Route. Students cannot enrol in both a major and a minor in CTS.

The four new majors include the following strands:


The four new minors include the following strands:


The following lists Journeyman or Red Seal Certification eligible for advanced standing relating to these CTS Strands:

<table>
<thead>
<tr>
<th>CTS Strand</th>
<th>Journeyman or Red Seal Certification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Agriculture</td>
<td>Landscape Gardener</td>
</tr>
<tr>
<td>Construction</td>
<td>Bricklayer, Carpenter</td>
</tr>
<tr>
<td>Technologies</td>
<td>Communication Electrician, Ironworker, Later-Interior Systems Mechanic, Plumber</td>
</tr>
<tr>
<td>Cosmetology</td>
<td>Hair stylist</td>
</tr>
<tr>
<td>Design</td>
<td>Printing and Graphic Arts Craftman</td>
</tr>
<tr>
<td>Electro-Technologies</td>
<td>Appliance Service Technician, Electrical Rewind Mechanic, Electrician, Electronic technician, Power System Electrician</td>
</tr>
<tr>
<td>Fabrication</td>
<td>Boilermaker, Cabinetmaker, Gasfitter, Glazier, Machinist, Millwright, Sheet Metal Worker, Steamfitter-Pipefitter, Structural Steel and Plate Fitter, Tool and Die Maker, Welder</td>
</tr>
<tr>
<td>Foods</td>
<td>Baker, Cook</td>
</tr>
</tbody>
</table>

Mechanics Agricultural Mechanic, Auto Body Technician, Automotive Service Technician, Heavy equipment technician, Motorcycle Mechanic, Recreation Vehicle Service Technician

75.5 BA (Native Studies)/BEd Five-Year Combined Degrees

These degree programs consist of ★150 overall. The first three years (★90) are taken in the School of Native Studies (see §123.2) and the last two years (★60) are taken in the Faculty of Education.

75.5.1 BA (Native Studies)/BEd (Secondary) Combined Degrees: Cree Major

Year 4 (★30)

Introductory Professional Term (★15)

1. EDFX 350 (★3)

2. EDPS 310 (★3)

3. EDPY 301 (★3)

4. EDPY 303 (★3)

5. EDSE 3XX (★3)

6. Native Studies options (★6): choose any NS courses at the 400-level

7. Social Sciences (★6): choose any course at the 200-level or above [see §123.1.2(3)]

Year 5 (★30)

Advanced Professional Term (★15)

1. EDFX 492 (★6)

2. EDFX 451 (★3)

3. EDSE 4XX (★3)

4. EDS 4XX (★3)

5. EDSE 410 (★3)

6. Education options (★6): choose any courses from the Faculty of Education

7. Native Studies option (★3): choose any NS course at the 400-level

8. Humanities and Fine Arts (★3): choose any course from the 200-level or above [see §123.1.2(3)]

Notes
(1) Program Requirements (★150)

Education Core (★45)

Native Studies Core (★36)

Common Major (★45)

Teaching Minor (★18)

Options (★6)

(2) Native Studies Core (★36)

Computing (★1)

English (★6)

Fine Arts or Humanities 2XX/3XX/4XX (★6)

Humanities 1XX (★6)

Natural Science 1XX (★3)

Social Science 1XX (★6)

Social Science 2XX/3XX/4XX (★6)
75.5.2 **BA (Native Studies)/BEd (Secondary) Combined Degrees: Native Studies Major**

**Year 4 (150)**

**Introductory Professional Term (15)**
1. EDFX 350 (3)
2. EDPS 310 (3)
3. EDPY 301 (3)
4. EDPY 303 (3)
5. EDSE 3XX (3)

6. Education Major (6): choose courses from the specified Teaching Major
7. Native Studies option (6): choose any Native Studies course at the 400-level
8. Native Education Minor (6): choose EDPS 432 or 474
9. Fine Arts or Humanities (6): choose any course at the 200-level or higher [see §123.1.2(3) and (6)]

**Year 5 (150)**

**Advanced Professional Term (15)**
1. EDEL 305 (3)
2. EDEL 302 (3)
3. EDFX 450 (9 weeks) (9)
4. EDFX 451
5. EDFX 452

6. Education Major (6): choose courses from the specified Teaching Major
7. Native Studies option (6): choose any Native Studies course at the 400-level
8. Native Education Minor (6): choose EDPS 432 or 474
9. Fine Arts or Humanities (6): choose any course at the 200-level or higher [see §123.1.2(3) and (6)]

---

75.5.3 **BA (Native Studies)/BEd (Elementary) Five-Year Combined Degrees**

**Year 4 (150)**

1. Education Minor (6)
2. Native Studies option (6): Choose Native Studies courses at the 400-level.
3. Option/Minor (6)

**Introductory Professional Term (15)**
1. EDFX 325 (3)
2. EDPS 310 (3)
3. EDEL 301 (3)
4. EDEL 305 (3)
5. EDPS 310 (3)
6. EDEL 303 (3)
7. EDPS 310 (3)
8. EDEL 300 (3)

---

75.6 **BSc (Specialization in Science and Education)/BEd (Secondary) Combined Degrees Program**

75.6.1 **General Information**

The Faculties of Science and Education offer a combined degrees program that is more highly structured than the BSc followed by a BEd After Degree (a six-year route). It provides less flexibility in course choice and scheduling than taking the degrees sequentially, because it is designed to meet the minimum requirements of both degrees in five years. In addition, it must meet teacher certification requirements within this time frame.

To accommodate the variety in subject studies needed in secondary school teaching, students in the combined program will select a major/minor from the following areas:

- **Biological Sciences:** Biochemistry, Botany, Biology, Entomology, Genetics, Microbiology, Pharmacology, Physiology, Zoology.
- **Physical Sciences:** Astronomy, Biochemistry, Chemistry, Geophysics, Mathematical Physics, Physics.

Students apply to the Faculty of Science for admission to the Combined Degrees Program and spend the first two years of the five-year program registered in the Faculty of Science. (See §115.6.2 and 183.1.6).

---

**Education Chart 4 Requirements for the BEd/BSc (Specialization in Science and Education) Degree Majors and Minors**

**Note:** Years 1 and 2 are completed in the Faculty of Science. Years 3, 4, and 5 are completed in the Faculty of Education.

### Core Program Requirements

<table>
<thead>
<tr>
<th>Education: ⚫15</th>
<th>Major: ⚫12</th>
<th>Minor: ⚫24</th>
</tr>
</thead>
<tbody>
<tr>
<td>180-level: ⚫36 (Maximum ⚫42)</td>
<td>GPA of 2.9 on all courses</td>
<td>GPA of 2.7 on Major courses</td>
</tr>
</tbody>
</table>

### Area “B”


### Area “C”

**Astro 320, 322, Chem 331, 333, Phys 301, 308, 319**

### Degree Majors and Minors

<table>
<thead>
<tr>
<th>Core Program Requirements</th>
<th>Physical Sciences Major/Biological Sciences Minor (150)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Education: ⚫15</strong></td>
<td><strong>Education Core II (15)</strong></td>
</tr>
<tr>
<td>Major: ⚫12</td>
<td>(Prerequisite - Introductory Professional Term)</td>
</tr>
<tr>
<td>Minor: ⚫24</td>
<td>1. EDEL 302, 321, 325, 330, or 335</td>
</tr>
<tr>
<td>180-level: ⚫36 (Maximum ⚫42)</td>
<td>2. EDEL 305 (3)</td>
</tr>
<tr>
<td>GPA of 2.9 on all courses</td>
<td>3. EDEL 316 (3)</td>
</tr>
<tr>
<td>GPA of 2.7 on Major courses</td>
<td><strong>Advanced Professional Term (15)</strong></td>
</tr>
<tr>
<td><strong>Area “B”</strong></td>
<td>(Prerequisite ITP, Ed Core II (15))</td>
</tr>
<tr>
<td>BIOL 315, CHEM 303, CHRTC 352, HIST 294, 397, 398, 406, INT D 200, PHI 265, 375, PHYS 202, 261, 264, SOC 367, 426</td>
<td>1. EDFX 350</td>
</tr>
<tr>
<td><strong>Area “C”</strong></td>
<td>2. EDFX 351</td>
</tr>
<tr>
<td>ASTRO 320, 322, CHEM 331, 333, PHYS 301, 308, 319</td>
<td>3. EDFX 352</td>
</tr>
</tbody>
</table>

**Notes:**
1. Courses 1 through 5 above constitute the Introductory Professional Term and must be taken concurrently.
2. Courses 6 through 9 above constitute the Advanced Professional Term and must be taken concurrently.

---

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### Education Chart 4: Requirements for the BEd/BSc (cont’d) (Specialization in Science and Education) Degree Majors and Minors

**Note:** Years 1 and 2 are completed in the Faculty of Science. Years 3, 4, and 5 are completed in the Faculty of Education.

#### Physical Sciences Major/Mathematical Sciences Minor (150 credits)

<table>
<thead>
<tr>
<th>Core Program Requirements</th>
<th>Education: 145</th>
</tr>
</thead>
<tbody>
<tr>
<td>Major: 42</td>
<td></td>
</tr>
<tr>
<td>Minor: 27</td>
<td></td>
</tr>
<tr>
<td>100-level: 36 (Maximum 42)</td>
<td></td>
</tr>
</tbody>
</table>

**Graduation Requirements:**

GPA of 2.3 on all courses

**Area “B”**

BIOL 315, CHEM 303, CHRTC 352, HIST 294, 397, 398, 496, INT D 200, PHIL 265, 379, 486, PHYS 261, 264, SOC 367, 426

**Area “C”**

ASIHU 320, 322, LHEM 331, 533, PHYS 301, 308, 319

#### Mathematical Sciences Major/Physical Sciences Minor (150 credits)

<table>
<thead>
<tr>
<th>Core Program Requirements</th>
<th>Education: 145</th>
</tr>
</thead>
<tbody>
<tr>
<td>Major: 45</td>
<td></td>
</tr>
<tr>
<td>Minor: 27</td>
<td></td>
</tr>
<tr>
<td>100-level: 39 (Maximum 42)</td>
<td></td>
</tr>
</tbody>
</table>

**Graduation Requirements:**

GPA of 2.7 on all courses

**Area “A”**

BIOL 200, CHEM 211, 263, PHYS 200, 208, 271

**Area “B”**

BIOL 315, CHEM 303, CHRTC 352, HIST 294, 397, 398, 496, INT D 200, PHIL 265, 379, 486, PHYS 261, 264, SOC 367, 426

**Area “C”**

ASTRO 320, 322, CHEM 331, 332, PHYS 301, 308, 319

#### Mathematical Sciences Major/Biological Sciences Minor (150 credits)

<table>
<thead>
<tr>
<th>Core Program Requirements</th>
<th>Education: 145</th>
</tr>
</thead>
<tbody>
<tr>
<td>Major: 45</td>
<td></td>
</tr>
<tr>
<td>Minor: 24</td>
<td></td>
</tr>
<tr>
<td>100-level: 33 (Maximum 42)</td>
<td></td>
</tr>
</tbody>
</table>

**Graduation Requirements:**

GPA of 2.3 on all courses

**Area “B”**

BIOL 315, CHEM 303, CHRTC 352, HIST 294, 397, 398, 496, INT D 200, PHIL 265, 379, 486, PHYS 261, 264, SOC 367, 426

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For the full details of the requirements, consult the University of Alberta academic calendar.
Education Chart 4  Requirements for the BEd/BSc (Specialization in Science and Education) Degree Majors and Minors

Note: Years 1 and 2 are completed in the Faculty of Science. Years 3, 4, and 5 are completed in the Faculty of Education

### Biological Sciences Major/Mathematical Sciences Minor (150)

#### Core Program Requirements

**Education: 45**

**Major: 42**

**Minor: 27**

**100-level: 35 (Maximum 42)**

**Graduation Requirements:**

GPA of 2.3 on all courses

**Area "B"**

History and Theory of Science

6 to be chosen from BIOI, 315, LPHM 302, CHM/C 352, HIST 294, 397, 398, 496, INT D 200, PHIL 265, 375, PHYS 261, 264, 3U4 367, 426

**Area "C"**

ASTRO 320, 322, CHEM 331, 332, 200, PHYS 301, 308, 319

### Biological Sciences Major/Physical Sciences Minor (150)

#### Core Program Requirements

**Education: 45**

**Major: 42**

**Minor: 27**

**100-level: 36 (Maximum 42)**

**Graduation Requirements:**

GPA of 2.3 on all courses

**Area "A"**

Biological Sciences Major/Physical Sciences Minor (150)

1. BIOL 107, 108
2. CHEM 101, 161
3. ENGL 101
4. MATH 113 or 114
5. *3 chosen from MAI 115, 120; STAT 151
6. *6 Arts Options

**Area "B"**

1. BIOL 207, 208
2. BIOCH 220
3. CHEM 102
4. EDPS 200
5. EDPS 200
6. *3 chosen from MATH 115, 120; STAT 151
7. *3 in Biological Sciences at the 200-level
8. *6 in Mathematical Sciences at the 200-level

**Area "C"**

1. BIOL 207, 208
2. BIOCH 220
3. CHEM 102
4. EDPS 200
5. EDPS 200
6. *3 chosen from MATH 115, 120; STAT 151
7. *3 in Biological Sciences at the 200-level
8. *6 Arts Options

5. MATH 115, 120; STAT 151
6. *6 Arts Options

### 75.7 BMus/BEd Five-Year Combined Degrees

This degree program consists of 162 overall. The first three years (90) are taken in the Faculty of Arts (see §14.2.10) and the last two years (66) are taken in the Faculty of Education.

**Year 4 (130)**

**Introductory Professional Term (15)**

1. EDPS 410 *(3)*
2. EDPS 411 *(3)*
3. EDPS 412 *(3)*
4. EDPS 413 *(3)*
5. EDPS 414 *(3)*

**Advanced Professional Term (15)**

1. EDPS 301 *(6)*
2. EDPS 302 *(6)*
3. EDPS 303 *(6)*
4. EDPS 304 *(6)*
5. EDPS 305 *(6)*
6. *6 in Biological Sciences at the 300- or 400-level
7. *3 in Mathematics at the 300- or 400-level
8. *6 Arts Options
9. *6 Science Option
10. *6 Non-Education Option

### 75.8 BPE/BEd (Secondary Route) Combined Degrees

#### General Information

See also §153.4.

The Bachelor of Physical Education/Bachelor of Education Combined Degrees program consists of 150 over five years, during which Physical Education courses and Education courses are studied concurrently. Students initially apply for admission to the Faculty of Physical Education and Recreation and are considered registered in that Faculty for the first three years. All qualified Year 3 Bachelor of Physical Education/Bachelor of Education students will be promoted to Year 4 in the Faculty of Education.

See §15.6.6 for detailed admission requirements and procedures for entry to Year 4 of this Combined Degrees Program.

#### Program Requirements (Secondary Route)

**Year 4 (130)**

**Introductory Professional Term (15)**

1. EDPS 301 *(3)*
2. EDPS 302 *(3)*
3. EDPS 303 *(3)*
4. EDPS 304 *(3)*
5. EDPS 305 *(3)*
6. PAC or DAC Activity Option *(6)*
7. Open options *(6)*
8. Education option *(6)*
Year 5 (★30)

Advanced Professional Term (★15)
1. EDFX 450 (★6)
2. EDFX 451 (★3)
3. EDSE 447 (★3)
4. EDSE 448 (★3)
5. EDPS 410 (★3)
6. PAC or DAC Activity Option (★3)
7. Open options (★6)
8. Education option (★3)

**Note:** All courses in the Introductory and Advanced Professional terms are integrated and must be taken concurrently.

75.9 BPE/BEd (Elementary Route) Five-Year Combined Degrees

75.9.1 General Information

This degree program consists of ★159 overall. The first three years (★99) are taken in the Faculty of Physical Education and Recreation (see §153.4) and the last two years (★60) are taken in the Faculty of Education.

75.9.2 Program Requirements

Year 4 (★30)

Introductory Professional Term (★15)
1. EDEL 300 (★3)
2. EDFX 325 (★3)
3. EDPS 310 (★3)
4. EDPY 301 (★3)
5. EDPS 303 (★3)

Education Core II: (★15) Choose from the following:
1. EDEL 302 (★3)
2. EDEL 305 (★3)
3. EDEL 316 (★3)
4. EDEL 321 (★3)
5. EDEL 325 (★3)
6. EDSE 330 (★3)
7. EDEL 335 (★3)

**Note:** EDEL 305 and 316 are required.

Year 5 (★30)

Advanced Professional Term (★15)
1. EDEL 3XX (★3): Choose from the EDEL courses in Year 4 not yet completed
2. EDFX 425 (★9)
3. EDPS 410 (★3)
4. EDEL 420 (★3)
5. UAL/PAC Activity Course (★3)
6. PEDS option (★3): choose any course at the 300-or 400-level
7. Education options (★6): choose any courses from the Faculty of Education

**Notes**
(1) A minimum of ★18 is required in DAC/PAC Activity courses.
(2) A maximum of ★24 may be taken in DAC/PAC Activity courses.
(3) The following must be completed as part of the DAC/PAC Activity requirement:
   Aquatics (★1.5)
   Gymnastics (★1.5)
   DANCE 431 (★3)
   PAC 325 (★3)
   PAC 365 (★3)

75.10 BSc in Human Ecology/BEd (Secondary) Combined Degrees

75.10.1 General Information

(See also 515.1.6)

The Bachelor of Science in Human Ecology/Bachelor of Education (Secondary) Combined Degrees program provides a five-year integrated program of ★152. Coursework within the two Faculties is taken concurrently. Students initially apply for admission to the Faculty of Agriculture, Forestry, and Home Economics and are considered to be registered in that Faculty for the first three years of the program. All qualified Year 3 BSc in Human Ecology/Bachelor of Education students will be promoted to Year 4 in the Faculty of Education provided a minimum GPA of 2.0 has been achieved and a minimum of ★90 applicable to the BSc in Human Ecology/BEd (Secondary) Degrees program has been successfully completed.

See §156.6 for detailed admission requirements and procedures for entry to Year 4 of this Combined Degrees Program.

75.10.2 Program Requirements

Year 4 (★30)

Introductory Professional Term
1. EDFX 450 (★6)
2. EDFX 451 (★3)
3. EDSE 447 (★3)
4. EDSE 448 (★3)
5. EDPS 410 (★3)
6. Education Option (★3)
7. Minor (★6)
8. ★6 from HECUL, NU FS or NUTR

Year 5 (★30)

Advanced Professional Term
1. EDFX 450 (★6)
2. EDFX 451 (★3)
3. EDSE 447 (★3)
4. EDSE 448 (★3)
5. EDPS 410 (★3)
6. Education Option (★3)
7. Minor (★3)
8. Open Option (★3)
9. ★3 from INT D 498; MARK 412; PHIL 265, 316, 375; SOC 315, 417, 418, 443; WST 301, 302.

**Note:** All courses in the Introductory and Advanced Professional Terms are integrated and must be taken concurrently.

75.11 Collaborative BEd Degree Completion Program with Red Deer College

A Bachelor of Education (Elementary Route) Degree Completion program with Red Deer College was approved, beginning in September 1996. This program offers a Minor in Middle School Education only. For more information regarding this ongoing program, contact Undergraduate Student Services or the Education Programs Office, Red Deer College.

75.12 Collaborative BEd Degree Completion Program with Grande Prairie Regional College

A Bachelor of Education (Elementary) Degree Completion program with Grande Prairie Regional College was approved, beginning in September 1999. This program offers one minor: Teacher Education North. For more information regarding this ongoing program, contact Undergraduate Student Services or the Registrar’s Office, Grande Prairie Regional College.

75.13 Collaborative BEd Degree Completion Program with Blue Quills First Nations College

A Bachelor of Education (Elementary) Degree Completion cohort with Blue Quills First Nations College was approved, beginning in January 2002. The minor is Iyiniw Kiskinohamatowin. For more information contact the Office of the Dean, Faculty of Education.

75.14 BEd Program for Certificated Teachers

Certificated teachers are granted credit for the first year of the Bachelor of Education degree for their Normal School or Junior E training if this training was of not less than seven months’ duration.

Teachers who have never attended the University of Alberta should submit an Application for Admission form to the Registrar’s Office.
76 Bachelor of Education Programs for Holders of Approved Degrees

76.1 Program Requirements

Note for all Routes: If **6** in English Language/Literature or **3** in Introductory Computing have not been presented in the first degree, these must be successfully completed within the Bachelor of Education (After Degree) program to meet graduation requirements.

76.1.1 Adult Education Route (**60**)

General Information

The Adult Education Route in the Bachelor of Education degree is a continuing professional education program for adult educators and trainers instructing in various settings.

The Adult Education Route will not qualify for Teacher Certification.

Time Limit for Completing the Adult Education Route BEd Degree.

Current students admitted prior to September 2004 must complete the program requirements in effect at the time of admission on or before April 30, 2007.

Advanced Standing (**30**)

Individuals admitted into the Bachelor of Education—Adult Education Route will be awarded Advanced Standing of **30**. No transfer courses from outside the University of Alberta are permitted.

(1) Adult Education Courses (**18**)

EDAE 390 (**3**)  EDAE 445 (**3**)
EDAE 460 (**3**)  EDAE 461 (**3**)
EDAE 475 (**3**)  EDAE 485 (**3**)

(2) Education General (**12**)

EDPS 410 (**3**)  EDPS XXX (**3**)
EDPY 200 (**3**)  Education Option (**6**): choose any course offered by the Faculty of Education.

Eligible courses in a completed Diploma in Postsecondary Education may be used to fulfill the program requirements of a BEd Adult Education Route/After Degree program.

76.1.2 Elementary Education Route (**60**)

(1) Education Core I (**6**)

EDPY 200 (**3**)  EDPS 325 (**3**)  EDPS 330 (**3**)

(2) Elements **9** chosen from any of the Elements not yet completed. See §75.3.2 for detailed descriptions of the Elements.

(3) Introductory Professional Term (**15**)

EDEL 300 (**3**)  EDPY 301 (**3**)
EDPS 310 (**3**)  EDPS 320 (**3**)

(4) Education Core II (**15**) chosen from the following:

EDEL 302 (**3**)  EDEL 325 (**3**)
EDEL 305 (**3**)  EDEL 330 (**3**)
EDEL 316 (**3**)  EDEL 335 (**3**)
EDEL 321 (**3**)

(5) Advanced Professional Term (**15**)

EDFX 3XX (**3**): choose from courses in Education Core II not completed
EDFX 425 (**9**)
EDPS 410 (**3**)

Note: All courses in the Introductory and Advanced Professional Terms are integrated and must be taken concurrently.

76.1.3 Secondary Education Route (**60**)

(1) Introductory Professional Term (**15**)

EDFX 350 (**3**)  EDPS 310 (**3**)
EDPS 310 (**3**)  EDSE 3XX (**3**)
EDPY 301 (**3**)

(2) Advanced Professional Term (**15**)

EDFX 450 (**6**)  EDSE 4XX (**3**)
EDFX 451 (**3**)  EDSE 4XY (**3**)

(3) Education Core (**15**)

EDPS 410 (**3**)  EDPY 200 (**3**)  EDPS 320 (**3**)
EDPS 330 (**3**): any EDPS course at the 300- or 400-level
EDFX 350 (**3**)  EDPY 303 (**3**)

(4) Enrichment Term (**15**)

Open Options (**15**): choose any courses offered by any Faculty to a. enrich/clear deficiencies in the Major or Minor
b. meet the Computing requirement (EDIT 202 and EDSE 478 recommended)
c. meet the English requirement
d. develop an additional area of expertise

Note: All courses in the Introductory and Advanced Professional Terms are integrated and must be taken concurrently.

76.2 Advanced Study in Education

76.2.1 Bachelor of Education for Holders of Approved Degrees Who Also Hold the Alberta Professional Certificate

(1) Holders of approved degrees who have not completed the Professional Diploma of the University of Alberta must complete a minimum of 10 full-course equivalents (**60**) to qualify for the Bachelor of Education Degree.

(2) Holders of approved degrees who also hold the Professional Diploma of the Faculty of Education and the Alberta Professional Certificate may qualify for the Bachelor of Education Degree by completing a five full-course equivalent (**30**) program.

76.2.2 Diploma of the Faculty of Education

The Faculty of Education offers a series of diploma programs to provide special additional qualifications in designated areas. Normally, admission to a diploma program requires an undergraduate degree and a professional teaching certificate. Where exceptional circumstances warrant, one or both of the above requirements may be waived. Additional requirements may be set, and quotas may be imposed on particular diploma programs.

Students who now hold the MEd degree may not obtain the Diploma based on courses credited to the MEd degree program.

Normally, courses credited toward the diploma may not also be credited toward the Bachelor of Education degree. The minimum required grade for courses to be credited toward the Diploma is C-. Students who fail to complete the diploma program requirements in four years from date of starting the program may have their diploma program reviewed and, if necessary, rearranged according to prevailing requirements.

Applicants who do not hold a Teaching Certificate will not receive one upon completion of a Diploma program. A student wanting certification must take the basic Certification program described in §73.9.

Applicants who have attended the University of Alberta must complete an Application for Admission and submit it along with all relevant documentation to the Office of the Registrar by the published deadline.

Applicants who have attended the University of Alberta must complete an Application for Internal Transfer and submit it to the Office of the Registrar by the published deadline.

Diploma programs currently available are listed by Department, as follows.

Contact the Departments directly for more detailed information.

Department of Educational Psychology

(Dr LM McDonald, Chair)

Inclusive/Special Education
Instructional Technology
Teaching English as a Second Language
Students should address their preliminary inquiries to the appropriate Department Chair and, if possible, arrange for an interview.

All candidates for graduate degrees must also be formally admitted to the Faculty of Graduate Studies and Research, which administers graduate degree programs offered by the University of Alberta.

### 77 Courses

Faculty of Education courses are listed in §221, Course Listings, under the following subject headings:

- Education – (LUJ)
- Education – Adult Education (EDAE)
- Education – Business Education (EDBU)
- Education – Career and Technology Studies (EDCT)
- Education – Elementary (Curriculum and Instruction) (EDEL)
- Education – Elementary and Secondary (Curriculum and Instruction Common Courses) (EDES)
- Education – Field Experience (EDFX)
- Education – Instructional Technology (EDIT)
- Education – Policy Studies (EDPS)
- Education – Psychology (EDPY)
- Education – Secondary (Curriculum and Instruction) (EDSE)

### 78 School of Library and Information Studies

The School of Library and Information Studies offers the Master of Library and Information Studies (MLIS) degree. The MLIS program is accredited by the Committee on Accreditation of the American Library Association. This accreditation is also recognized by the Canadian Library Association.

The MLIS develops the knowledge, understanding, attitudes and skills that prepare graduates for positions of responsibility in school, academic, public and special libraries, and in the information industry.

In preparing for the MLIS program, students should include courses distributed among the social sciences, biological and physical sciences, literature, and other areas of the humanities. Prior library experience can be beneficial.

The minimum requirement for the MLIS degree is either 13 single-term graduate courses and a thesis (thesis route), or 16 single-term graduate courses and a capping exercise (course-based route). Students may enrol in the School on a full-time or part-time basis. Students registered full time will normally be able to complete the degree requirements in two years. There are no residence requirements in the course-based route.

For further information, contact the School of Library and Information Studies.

School of Library and Information Studies courses are listed in §221, Course Listings, under the heading Library and Information Studies (LIS).

### 79 Employment with Catholic School Boards

Students planning to seek employment in Catholic Schools in Alberta should consult St Joseph’s College early in their program about including courses in Christian Religious Education, Theology, and Philosophy in their program of study.