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
Education

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The Professors

61.1 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)
Moira Juliibe (1995)
Marg Iveson (1996)
Roberta McKay (1997)
Olenka Bilash (1999)
Susan Gibson (2000)
Lynn Gordon (2002)
Katherine Willson (2003)

Faculty of Education
Undergraduate Teaching Award
Robert de Frece (1993)
Graham Fishburne (1993)
Fern Smart (1993)
John Mitchell (1994)
Dave Wangler (1994)
Marg Iveson (1995)
Moira Juliibe (1995)
Katherine Wilson (1996)
Bob Frender (1997)
Roberta McKay (1997)
Eamonn Callan (1998)
Joe Norris (1998)
Olenka Bilash (1999)
Brenda Gustaffson (1999)
Susan Gibson (2000)
Jan Jagodzinski (2001)
Jack Goldberg (2002)

Faculty of Education
Graduate Teaching Award
Anna Altman (2001)
Joe da Costa (2001)
Carolyn Kreher (2002)
J Gordan Kaplan Award for Excellence in Research
JP Das (1987)
Jean Claudin (2000)
Max van Manen (2001)
ATA Research Award
Roberta McKay (1997)
Katherine Willson (1997)
Joyce Ballantyne (2000)
Jose da Costa (2001)
Margaret Hugheley (2001)
Fern Smart (2001)
The Coutts-Clarke Fellowship
Tracey Derwing (1998)
Ingrid Johnston (1999)
Margaret Mackey (1999)
Judy Camerson (2000)
Tara Fenwick (2001)
Mark Gerd (2001)
Andre Grace (2002)
Xin Ma (2003)
Rauno Parilla (2003)
Alison Taylor (2003)
Killam Research Professorship
Ronna Jevne (1991)
Tom Kieran (1994)
Carolyn Yewchuk (1995)
Graham Fishburne (1997)

McCalla Research Professorship
Robert Patterson (1981)
Erwin Miklos (1982)
Gerry Kyelsa (1982)
Michael Rodda (1983)
Tom Maquire (1984)
C Anderson (1984)
Kazim Bacchus (1984)
Heidi Kass (1985)
Steve Hunka (1985)
William Fagan (1986)
Robert Mulchay (1987)
Bruce Bain (1989)
Lorraine Willipsh (1989)
Tom Kieran (1989)
Max Van Manen (1990)
John Mitchell (1991)
Robert Carney (1991)
Richard Sobey (1992)
Don Swazticky (1993)
John Osborne (1993)
Ronna Jevne (1994)
Dayo Sawada (1996)
Carolyn Yewchuk (1997)
Marg Iveson (1997)
Graham Fishburne (1998)
Joyce Ballantyne (1999)
Linda McDonald (2000)
Pat Rowell (2001)
Jan Jagodzinski (2003)

UNESCO Prize for Peace Education

61.2 Members of the Faculty

Officers of the Faculty
Dean
LS Beauchamp, EdD
Administrative Officer
JM Hiller, MEd
Associate Dean (Academic)
F O’Sraft, PhD
Associate Dean (Graduate Studies and Research)
I Johnson, PhD
Associate Dean (Teacher Education)
MA Doherty, PhD
Assistant Dean (Field Experiences)
B Gustaffson, PhD
Director of Student Support
Jackie Bailey, MEd
Faculty Adjunct Professors
D Baker, MEd
L Boo, BEd

P Calahasan, MEd
E Dodson, EdD
G Fante, BCom
T Fortin, MEd
C Hyman, PhD
H Juregens, PhD
L Lewis, MEd
A McBeth, MEd
D Ripley, PhD
J Schm, PhD
R Spelliscy, PhD
A Williams, MEd
E Wolf-Schein, PhD

Faculty Adjunct Associate Professors
F Burghardt, MEd
E Choldin, MA
M Podlosky, MEd
D Smith, PhD
D Stanley, BEd
S Stolz, MEd

McCalla Research Assistant Professors
F Brokop, MEd
P Campbell, EdD
T Jansen, PhD
M Norton, PhD

Field Experience: Adjunct Associate Professors
B Chernwichan, BEd
G Christophers, BEd
H Chyrowksi, BEd
A Gardner, BEd
M Jones, BA
H Kelty, MEd
E Kostynien, MEd
Y McKinnon, BEd
I McNeill, BA
I Nicolson, MEd
H Nikalai, BEd
G Norby, BEd
M Panisegrau, PhD
L Pizzey, MEd
G Shargles, MEd
J Sediuk, PhD
M Shillington, MA
J Sikora, BEd

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UNIVERSITY OF ALBERTA

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

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 Horowitz, 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.
62 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 Associate Dean (Undergraduate Student Services), Faculty of Education, University of Alberta, Edmonton, AB T6G 2G5.

62.1 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, 492-3860) for further details.

63 Faculty Regulations

63.1 Speech Competency

Students entering the Faculty expecting to complete teacher certification requirements must demonstrate competent speaking ability in English.

(1) Students demonstrating weakness in voice, fluency, or articulation may be referred to the Speech Centre in the Faculty of Education for evaluation.

(2) Students requiring remediation of oral communication must continue working toward improvement as specified by the Director of the Speech Centre until the necessary improvement has been achieved.

(3) Speech competence 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.

63.2 Registration Requirements

63.2.1 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 specified period. Information regarding a stop out is available from Undergraduate Student Services.

63.2.2 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.

63.2.3 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 EDFX 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/UndDegProg 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 475/476 are not normally offered during Spring/Summer.

63.2.4 Important Dates - Field Experiences

(1) EDFX 200: withdrawal deadlines are as per the regular schedule.

(2) Elementary Route: Withdrawal Deadlines— Introductory Professional Term

<table>
<thead>
<tr>
<th>Course</th>
<th>Deadlines</th>
</tr>
</thead>
<tbody>
<tr>
<td>On-campus courses except EDEL 300</td>
<td>End of Week 6 of Classes</td>
</tr>
<tr>
<td>EDEL 300</td>
<td>End of Week 4 of Classes</td>
</tr>
<tr>
<td>EDFX 325</td>
<td>End of Week 3 of Placement</td>
</tr>
</tbody>
</table>

(3) Elementary Route: Withdrawal Deadlines—Advanced Professional Term

<table>
<thead>
<tr>
<th>Course</th>
<th>Deadlines</th>
</tr>
</thead>
<tbody>
<tr>
<td>On-campus courses</td>
<td>End of Week 2 of Classes</td>
</tr>
<tr>
<td>EDFX 425 or 426</td>
<td>End of Week 6 of Placement</td>
</tr>
</tbody>
</table>

(4) Secondary Route: Withdrawal Deadlines—Introductory Professional Term

<table>
<thead>
<tr>
<th>Course</th>
<th>Deadlines</th>
</tr>
</thead>
<tbody>
<tr>
<td>On-campus courses</td>
<td>End of Week 6 of Classes</td>
</tr>
<tr>
<td>EDSE minor</td>
<td>End of Week 4 of Classes</td>
</tr>
<tr>
<td>EDFX 350</td>
<td>End of Week 3 of Placement</td>
</tr>
</tbody>
</table>

(5) Secondary Route: Withdrawal Deadlines—Advanced Professional Term

<table>
<thead>
<tr>
<th>Course</th>
<th>Deadlines</th>
</tr>
</thead>
<tbody>
<tr>
<td>On-campus courses</td>
<td>End of Week 3 of Classes</td>
</tr>
<tr>
<td>EDFX 450</td>
<td>End of Week 6 of Placement</td>
</tr>
<tr>
<td>EDFX 451</td>
<td>End of Week 3 of Classes</td>
</tr>
</tbody>
</table>

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

63.3 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.

63.4 Academic Standing and Promotional Standards

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

63.4.2 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.
63.4.4 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 §23.4(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 ★20 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 readmission and new program requirements, that may be specified by the Department of Music, the Faculty of Arts, and the Faculty of Education.

63.4.4.1 Residence Requirements

(1) Students proceeding toward the BMus/BEd Combined Degrees program must normally have credit in at least ★60 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.

63.5 Appeals

63.5.1 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.

63.5.2 **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. An appeal to the Dean must be made within 15 days of receiving the written decision from the Associate Dean.

(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 30 days of receiving the written decision from the Deans.

(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.

63.6 **Reexamination**

See §23.5.5.

63.7 **Graduation**

63.7.1 **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 ★45 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 ★45 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 achieve 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.

63.7.2 **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.

(b) 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.

(c) Degrees with Distinction shall be awarded to students who achieve a graduation grade point average of 3.5 or higher on the last ♦90 taken at the University of Alberta. In cases where a student has taken courses at another institution as part of these ♦90, the Degree with Distinction will be awarded at the discretion of the School and the Faculty.

63.7.3 **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.

63.7.4 **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.

63.7.5 **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 §63.7.1).

63.7.6 **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 §63.7.1)

63.8 **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) **Attending Another Institution as a Visiting Student:** Continuing students who wish to receive credit for coursework completed at another postsecondary institution must obtain a letter of permission from Undergraduate Student Services before attending the other institution as a Visiting Student.

### 63.9 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 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 shall 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.

### 64 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), 967 of the General Faculties Council Policy Manual and the Alberta Teachers’ Association Code of Professional Conduct.

#### 64.1 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.

#### 64.2 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 §97 of the GFC Policy Manual for additional information.

### 65 Programs of Study

#### 65.1 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, 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 §66 for program details.

#### 65.2 Adult Education Route

**65.2.1 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.

The Adult Education Route will not qualify for Teacher Certification.

**65.2.2 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 full-time attendance occurs toward the end of a student’s program.

**Advanced Standing (Œ30)**

Students entering this program are given 30 of Advanced Standing for the following courses:

- EDAE 223
- EDAE 243
- EDAE 323
- EDAE 343
- EDAE 423
- EDAE 443
- EDFX 497

**Required Courses (Œ90)**

- **Adult Education Courses (Œ18):**
  - EDAE 390
  - EDAE 445
  - EDAE 460
  - EDAE 461
  - EDAE 475
  - EDAE 485

- **Education General (Œ21):**
  - EDPS 410
  - EDPS XXX
  - EDPY 3XX/4XX

- **Choose any EDPY course at the 300- or 400-level:**
  - Education Options (Œ12)

- **Minor Courses (Œ18):**
  - Choose a subject area identified in either Education Chart 2 or 3.

- **Non-Education Courses (Œ15):**
  - Select any courses from outside the Faculty of Education.

- **Computing (Œ3):**
  - Choose EDIT 202 or CMPUT 1XX or equivalent.

- **Open Options (Œ0):**
  - 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.
65.3 Elementary Education Route

65.3.1 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.

65.3.2 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) 3 in Non-Education Elements, to be chosen from the following seven subject areas:

Element I: Language/Literature 6 chosen from Classics, Comparative Literature, English, or Linguistics.

Element II: Mathematics 3 chosen from Mathematics or Statistics (MATH 160 recommended).

Element III: Social Science 3 chosen from Anthropology, Economics, History, Political Science, or Sociology.

Element IV: Natural Science 3 chosen from Astronomy, Biology, Chemistry, Earth and Atmospheric Sciences (from Faculty of Science), Environmental and Conservation Sciences, Forestry, Physics, Plant Science, or Soil Science. Note: PSYC 104 cannot be used for this element.

Element V: Fine Arts 3 chosen from Art; Art History; Dance; Design; Drama; Film and Media Studies; Music; HECOL 150; or HECOL 201.

Element VI: Physical Education 3 chosen from ANTHR 393; HECOL 200, 210, 211, 310; HE ED 110; or SOC 271.

Element VII: Health Education 6 chosen from ANTHR 393; HECOL 200, 210, 211, 310; HE ED 110; or SOC 271.

Education Chart 1

Requirements for Minors in the Elementary Route

Early Childhood Education (12)

Non-Education (12)
1. 12 chosen from ANTHR 150, 207, 208; LING 101, 102, 204, 209, 320
2. 3 chosen from a second language; Anthropology, or Linguistics

Education (6)
1. 6 chosen from EDEL 305, 310, 456

Notes:
1. EDEL 404 has a prerequisite of an introductory curriculum and instruction course in language arts.
2. EDEL 350 and Introductory Professional Term are prerequisites to EDEL 456.
3. Students with an ECE diploma from a transfer institution that has qualified for 24 transfer credits will already have credit for EDEL 350.

Educational Psychology (18)

Non-Education (12)

Education (6)
1. 6 chosen from EDPY 402, 404, 410, 432, 442, 470, 472, 474.

Notes:
1. A minimum of 3 of the Non-Education credits must be in Psychology.
2. 6 of the Non-Education credits must be at the 200-level or higher.
3. All 400-level EDPY courses above have a prerequisite of EDPY 200.

English as a Second Language (18)

Non-Education (12)
1. 3 in senior English
2. 3 chosen from Classics, Comparative Literature, Drama, senior English, Linguistics

Education (6)
1. 6 chosen from EDEL 401; EDEL 416

Notes:
1. EDEL 416 has a prerequisite of a second language; Anthropology, or Linguistics
2. EDEL 416 has a prerequisite of the Introductory Professional Term and an introductory Linguistics course.
3. EDEL 451 has a prerequisite of EDEL 416.

Fine Arts (18)

Non-Education (12-18)

Education (6)
1. 6 chosen from EDPY 402, 404, 410, 432, 442, 470, 472, 474.

Notes:
1. A minimum of 3 of the Non-Education credits must be in Psychology.
2. A minimum of 6 of the Non-Education credits must be at the 200-level or higher.
3. All 400-level EDPY courses above have a prerequisite of EDPY 200.

Mathematics/Science (18)

Non-Education (12)
1. 3 in Mathematics; MATH 265 recommended
2. 3 chosen from ASTRO, BIOL, BOT, CHEM, EAS (Science), PHYS, ENCS 201; FOR 100, 372; INT D 221, PL SC 220; SOILS 210, ZOOOL.
3. 3 chosen from any of the above areas.

Education (6)
1. 3 chosen from EDEL 415 or 416.
2. 3 chosen from EDEL 432 or 433

Notes:
1. EDEL 415 and 416 have a prerequisite of EDEL 316.
2. EDEL 432 and 433 have a prerequisite of EDEL 330.

Education and Literacy (18)

Non-Education (12)
1. 3 in senior English
2. 3 chosen from Classics, Comparative Literature, Drama, senior English, Linguistics

Education (6)
1. 6 chosen from EDEL 404, 405, 406, 407, 408, 409, 411.

Notes:
1. A minimum of 18 in Non-Education courses (Elements, Minor, Options) must be at the 200-level or higher. Of these 18, at least 6 must be from the Minor (for the Special Education Minor, 3 must be from the Minor).

Open Option (6)
Select any courses from any Faculty.

Notes:
1. A minimum of 18 in Non-Education courses (Elements, Minor, Options) must be at the 200-level or higher. Of these 18, at least 6 must be from the Minor (for the Special Education Minor, 3 must be from the Minor).

Language and Literacy (18)

Non-Education (12)
1. 3 in Mathematics; MATH 265 recommended

Education (6)
1. 6 chosen from EDEL 404, 405, 406, 407, 408, 409, 411.

Notes:
1. All of the above EDEL courses have a prerequisite course of EDEL 305.
## 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.

### Music (24)
- **Non-Education (15)**
  1. **MUSIC 151, 155, 156, 207, 230**
  2. **ED 382, 385, 425, 427** (Note See 7, 428)

**Notes:**
1. MUSIC 101 or 170 should be taken in the Preprofessional Year.
2. EDEL 427 must be taken in lieu of EDEL 325 in Education Core II.
3. EDEL 328 and 427 have prerequisites of MUSIC 101 and 156.
4. EDEL 328 has a prerequisite of MUSIC 101 and 156.
5. EDEL 425 has a prerequisite or corequisite of MUSIC 230.

### Native Education (18)
- **Non-Education (9)**
  1. **SH 100** from ANTHRO 150, 207, 208, 227, 250, 455; LING 101, 102; NS 153, 210, 211; SOC 100 or 101, 102.

**Notes:**
1. SH 6 to SH 9 in Language/Linguistics, chosen from Non-Education (18).
2. Remaining SH 6 to SH 9 Non-education credits

### Physical Education (18)
- **Non-Education (15)**
  1. **SH 1 to SH 6 in games, dance, and gymnastics:**
     - **SH 1** from DANCE 340, 350 or 431; **SH 3** from PAC 360 or 365; **SH 3** from PAC 320 or 325.
  2. Remaining **SH 6** to **SH 9**-Non-education credits chosen from any combination of the following:
     - DANCE 340, 350 or 431; HE ED 110, 220, or 321; PAC 110, 111, 112, 116, 131, 137, 140, 173, 174, 181, 310, 311, 318, 320, 325, 331, 337, 360, 370 or 381; PEDS 260 or 340; PERLS 207 or 345.

**Notes:**
1. **SH 3** EDPS 411, 474
2. **SH 3** EDEL 465 or EDPS 432

### Education (3)
- **Non-Education (18)**
  1. **SH 12 to SH 15 in Language/Linguistics chosen from Non-Education (18)**
  2. **SH 9** in Language/Linguistics chosen from Non-Education (18).

**Notes:**
1. **SH 1** in Language/Linguistics chosen from Non-Education (18).
2. **SH 3** to **SH 6** in Literature/Culture chosen from Non-Education (18).
4. Students who have credit in French 30 should register in FREN 211 and 212. All others consult the subject area advisor.
5. EDEL 445 has a prerequisite of the Introductory Professional Term.
6. Many courses offered by Facultés Saint-Jean may be credited toward the program. Consult the subject area advisor.

### Second Languages: German (21)
- **Non-Education (18)**

**Notes:**
2. **SH 3** EDEL 445.

### Second Languages: Italian (21)
- **Non-Education (18)**
  1. **SH 12 to SH 15 in Language/Linguistics chosen from ITALIAN 111, 112, 211, 212, 390, 393, 425.

**Notes:**
1. **SH 1** in Language/Linguistics chosen from ITALIAN 111, 112, 211, 212, 390, 393, 425.

### Second Languages: Japanese (21)
- **Non-Education (18)**

**Notes:**
2. **SH 3** EDEL 445.

### Second Languages: Other (21)
- **Non-Education (18)**
  1. **SH 12 to SH 15 in Language/Linguistics chosen from Non-Education (18)**

**Notes:**
1. **SH 12 to SH 15 in Language/Linguistics chosen from Non-Education (18).**
2. **SH 9** in Language/Linguistics chosen from Non-Education (18).

### Social Studies (18)
- **Non-Education (15)**
  1. **SH 1** chosen in three distinct subject areas from Anthropology, Art History, Geology, History, Law, Philosophy, Political Science, Religion, Sociology.
  2. **SH 3** chosen from courses in Canadian History, North American History, or World History.

**Notes:**
1. EDEL 435 requires EDEL 335 as a prerequisite.

### Special Education (18)
- **Non-Education (13)**
  1. **SH 3** chosen from courses relevant to Special Education, offered by Physical Education Arts (Psychology, Sociology), Agriculture Forestry, and Home Economics.

### Visual Studies (24)
- **Non-Education (18)**
  1. **SH 12 to SH 15 in Language/Linguistics chosen from Non-Education (18)**

**Notes:**
1. **SH 12 to SH 15 in Language/Linguistics chosen from Non-Education (18).**
2. **SH 9** in Language/Linguistics chosen from Non-Education (18).

## 65.4 Secondary Education Route

### General Information

The Secondary Education route includes 14 weeks of student teaching. In addition to EDFX 200, students enrol in the Introductory Professional Term (4 weeks of student teaching) and the Advanced Professional Term (9 weeks of student teaching).

Students in the Introductory Professional Term usually teach in their Minor subject specialization, while students enrolled in the Advanced Professional Term usually teach in their Major subject specialization.

For those students who have subject specializations composed almost entirely of full-year courses, e.g., Art, Drama, Music, Second Languages, it may be necessary to take both Professional Terms during the same academic year. For these students, full-year courses should be taken as early as possible in their program.

### Components of the Program

All students in the Secondary Route must choose a Major teaching subject (36) and a Minor teaching subject (18) which prepares them for the Introductory Professional Term.
Students planning to enter the Secondary Route are strongly encouraged to take as part of their Preprofessional Year 6 in Language/Literature, 3 in Computing (EDIT 202 is recommended), 12 in the Major teaching subject, 6 in the Minor teaching subject.

Program Requirements (120)

(1) 6 in Language/Literature from CLASS 102, 221; C/LIT 171, 172, 201, 202; ENGL 100, 101, 104, 105.
(2) 3 in Computing (EDIT 202 is recommended)
(3) 3 in Open Options
(4) Education Core I (36)
EDFX 200 (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)
EDFX 451 (0)
EDSE 4XX (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.

Education Chart 2
Requirements for Major Teaching Subject in the Secondary Education Route

<table>
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<tbody>
<tr>
<td>1. 6 ART 131</td>
<td>1. 6 ACCTG 300 or 311</td>
<td>1. 6 CHEM 101/102</td>
<td>1. 6 BIOL 107/108</td>
<td>1. 6 CHEM 101/102 or 261/263</td>
</tr>
<tr>
<td>2. 3 in Design courses</td>
<td>3. 3 EDBU 341</td>
<td>2. 6 CHEM 353</td>
<td>2. 6 CHEM 207/208</td>
<td>3. 6 in Chemistry or Biochemistry</td>
</tr>
<tr>
<td>2. 12 to 18 chosen from Art or Design courses</td>
<td>5. 6 MARK 301, ORG A 301, 430</td>
<td>3. 6 CHEM 262</td>
<td>3. 3 in Biological Sciences</td>
<td>4. 3 from AND 230; CHTCT 352, CLASS 294; HIST 294, 391, 394, 396, 397, 398; INT D 200; PHI 265, 375; PHYS 212, 213, SOC 462</td>
</tr>
<tr>
<td>3. 3 in minor Biological Sciences</td>
<td>5. 6 from MARK 301, ORG A 301, 430</td>
<td>5. 6 DRAMA 240</td>
<td>5. 6 chosen from BUS, CMPT, EDUC, or EDCT</td>
<td>5. 6 chosen from HECOL 150, 170, 175, 260, 263, 353, 354, 364, 441, or 462</td>
</tr>
<tr>
<td>3. 3 in minor Biological Sciences</td>
<td>6. 6 from EDSE 495, EDES 496, EDPY 442, or EDT 480</td>
<td>6. 6 from DRAMA 325, 327, 454 or 459; EDEL 411; EDSE 424</td>
<td>7. 6 from DRAMA 237, 240, 257, 258, 383</td>
<td>7. 6 chosen from DRAMA 325, 327, 454 or 459; EDEL 411; EDSE 424</td>
</tr>
<tr>
<td>3. 3 in minor Biological Sciences</td>
<td>7. 6 from EDSE 495, EDES 496, EDPY 442, or EDT 480</td>
<td>8. 6 from DRAMA 237, 240, 257, 258, 383</td>
<td>8. 6 from DRAMA 325, 327, 454 or 459; EDEL 411; EDSE 424</td>
<td>8. 6 chosen from DRAMA 325, 327, 360, 441 or 462</td>
</tr>
<tr>
<td>3. 3 in minor Biological Sciences</td>
<td>9. 6 from DRAMA 237, 240, 257, 258, 383</td>
<td>9. 6 from DRAMA 325, 327, 360, 441 or 462</td>
<td>9. 6 from DRAMA 325, 327, 360, 441 or 462</td>
<td>9. 6 from DRAMA 325, 327, 360, 441 or 462</td>
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Note: See Chart 3 for specific minor courses required.

(1) If any of the above courses are required for the Major or Major area, students may substitute the equivalent 3 or 6 in Non-Education courses
(2) Students who are 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.

Notes

(1) Introductory Chemistry courses should be taken in the Preprofessional Year.
(2) Mathematics 153, 160, 253, and 260 are not eligible Mathematics courses.
(3) Because of the nature of school sciences, courses in Biology and Physics are recommended.

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

**English Language Arts (★36)**

1. ★ ENGL 100 or equivalent
2. ★ in Literature prior to 1900
3. ★ in Composition and Language chosen from ENGL 219, 299, 311; LING; WRITE; or EDSE 438.
4. ★ in Canadian Literature chosen from Comparative Literature or English
5. ★ chosen from senior English or Comparative Literature.
6. ★ in film or media chosen from Comparative Literature, Film and Media Studies, Sociology or other appropriate areas.
7. ★ chosen from senior Comparative Literature, English, or Writing courses; or CLASS 102, 240, 247, 249, 331, 408, 409; EDSE 429, 430; FMS 200, 205; LUS 403

Students must take EDSE 427 and 428 during the APT*, which is normally offered in both the Fall and Winter Terms.

**Notes**

1. Students in the Preprofessional Year should register in ENGL 100, and may also register in ★ ENGL 103 (Class 102; LIT 171, 172; LING 101, 102).
2. No more than ★ in this Major may be taken at the 100 level.

**General Sciences (★36)**

1. ★ BIDL 107/108
2. ★ CHEM 101/102
3. ★ PHYS 124/126 or 144/146
4. ★ to ★ chosen from ANTHR 230; CHRTC 352; CLASS 294; HIST 294, 391, 394, 396, 397; INT D 2000; PHIL 265, 370; PHYS 213, 215; SOC 462

Students must take EDSE 427 and 428 during the APT*, which is normally offered in both the Fall and Winter Terms.

**Notes**

1. Introductory science courses should be taken in the Preprofessional year.

**Mathematics (★36)**

1. ★ chosen from MATH 113 or 114
2. ★ MATH 115
3. ★ MATH 120 or 125
4. ★ MATH 228 or 229
5. ★ MATH 241
6. ★ MATH 222 or 224
7. ★ STAT 141
8. ★ to ★ chosen from CMPT 101, 114; EDSE 439, 442; MATH 103, 214, 215, 222, 225, 247, 262, 322, 341, 343, 421, 422; PHYS 126; or any senior Mathematics or Computing Science courses; or any approved senior Science course.

Students must take EDSE 437 and 438 during the APT*, which is normally offered in the Winter Term.

**Music (★36)**

1. ★ MUSIC 124 or 126
2. ★ MUSIC 151
3. ★ MUSIC 165
4. ★ MUSIC 209
5. ★ MUSIC 211
6. ★ MUSIC 216
7. ★ MUSIC 217
8. ★ MUSIC 220
9. ★ MUSIC 230
10. ★ MUSIC 315
11. ★ MUSIC 316
12. ★ MUSIC 416, 417, 431

Students must take EDSE 443 and 444 during the APT*, which is normally offered in the Winter Term.

**Notes**

1. ★ MUSIC 126 or 126, 151, 156 are normally taken in the Preprofessional Year.

1. Entry to MUSIC 151, 155, 156, normally depends upon demonstrated theoretical competence. Students must contact the Department of Music to arrange for a time for the theory placement examination.
2. ★ MUSIC 124 or 126 depends on the successful passing of an audition during May, preceding the student’s first year. Students must contact the Department of Music to arrange for auditions.
3. Students who have not successfully completed MUSIC 124 or 126 by the end of their first year in the Faculty of Education will not be allowed to continue in the Music Major.

**Physical Education (★36)**

1. ★ HE ED 110
2. ★ PEDS 205
3. ★ PEDS 294
4. ★ PEDS 307
5. ★ PEDS 391

★ 1 to 15 chosen from Senior Physical Education courses, recommended as follows:

- ★ to ★ may be an AQUAQUEST Level 12 (White) or YMCA Star 6 and 7. ★ Music to arrange for an audition date.
- ★ to ★ Physical Education (★36)

**Second Languages: Other (★36)**

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

**Second Languages: Cree (★36)**

1. Language/Linguistics Courses: ★ to ★ chosen from SLV 210, 211, 212, 215, 231, 241, 242, 247; HIST 308, 390, 400, 403, 404, 400.

Students must take EDSE 468 and 469 during the APT*, which is normally offered in the Winter Term.

**Second Languages: German (★36)**

1. Language/Linguistics Courses: ★ to ★ chosen from FREN 211, 212, 215, 231, 241, 242, 247; HIST 308, 390, 400, 403, 404, 400.

Students must take EDSE 468 and 469 during the APT*, which is normally offered in the Winter Term.

**Second Languages: Spanish (★36)**


**Second Languages: Ukrainian (★36)**

1. Language Courses: ★ to ★ chosen from UKR 211, 212, 230 or 304 and 303, 403, 404, 405, 400.

**Social Studies (★36)**

1. ★ chosen from HIST 110, 111, 112, 120, 242, 247, 251, 280, 281, 297, 298, 299.

**Notes**

1. Students who have credit in French 30 should register in FREN 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: Hebrew (★36)**

1. Language Courses: ★ to ★ chosen from GERZ 211, 212, 230, 304, 402, 404, 405, 443, 444.

**Notes**

1. Students must take EDSE 468 and 469 during the APT*, which is normally offered in the Winter Term.

**Advanced Professional Term**
Requirements for Minor Teaching Subject in the Secondary Education Route

Educational Chart 3

- **Art (★18)**
  1. ★ 15 ART 131
  2. ★ 15 chosen from ART H 101/102 or 208/256
  3. ★ 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. ★ 3 BIOL 107
  2. ★ 3 BIOL 108
  3. ★ 3 BIOL 207
  4. ★ 3 BIOL 208
  5. ★ 3 in Senior Biological Sciences

  Students must take EDSE 352 during the IPT*, which is normally offered in both the Fall and Winter Terms.

- **Career and Technology Studies: Business and Technology (★18)**
  1. ★ 3 ACCT 300 or 311
  2. ★ 3 B LAW 301
  3. ★ 3 chosen from ORG A 301, 430, RLS 263 or other business related courses.

  4. ★ 3 chosen from EDBU 355; EDIT 480, FIN 301 or other computer related courses from BUS, CMUPUT, EDIT or EDCCT.

  Students must take EDSE 317 during the IPT*, which is normally offered in both the Fall and Winter Terms.

- **Chemistry (★18)**
  1. ★ 9 CHEM 101/102
  2. ★ 9 CHEM 161/163 or 261/263
  3. ★ 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. ★ 3 DRAMA 102
  2. ★ 3 DRAMA 148
  3. ★ 3 DRAMA 247
  4. ★ 3 DRAMA 279

  5. ★ chosen from DRAMA 248, 259, 325, 357; EDSE 424, and DRAMA 331 or DANCE 340.

  Students must take EDSE 322 during the IPT*, which is normally offered in the Fall Term only.

- **English as a Second Language (★18)**
  1. ★ 6 to ★ in Language/Linguistics chosen from LING 102, 204, 209, 210, 320.
  2. ★ 3 to ★ 6 chosen from Comparative Literature, Film and Media Studies, Political Science, Religious Studies, Sociology, EDPS 425, EDPS 432 or EDPS 441, 416.

  Students must take EDSE 389 during the IPT*, which is normally offered in the Fall Term only.

- **English Language Arts (★18)**
  1. ★ 6 ENGL 101, or equivalent
  2. ★ 6 chosen from senior ENGL courses or Comparative Literature.
  3. ★ 6 chosen from Comparative Literature, English, LIS 403 or EDSE 429.
  4. ★ 3 chosen from Linguistics, Writing, EDSE 430; ENGL 212, 299.

  Students must take EDSE 327 during the IPT*, which is normally offered in the Fall Term only.

- **Intercultural/International Education (★18)**
  1. ★ chosen from ANTH 101, 150, 207, 208, 277; LING 101; NS 210; SOC 100 or 300, 101, 261, 368, 437.
  2. ★ 9 EDPS 411, 422, 425
  3. ★ chosen from EDPS 432; EDPY 416; POL S 260, 276, 462; SOC 368, 450; W ST 310.

  Students must take EDPS 311 during the IPT*.

- **Mathematics (★18)**
  1. ★ 3 chosen from MATH 113 or 114
  2. ★ 3 chosen from MATH 120 or 125
  3. ★ 3 MATH 222
  4. ★ 3 MATH 241
  5. ★ chosen from Mathematics, Computing Sciences, Statistics. STAT 141 is recommended.

  Students must take EDSE 337 during the IPT*, which is normally offered in both the Fall and Winter Terms.

  Note: No more than ★ can be taken in Computing Science courses.

- **Music Choral (★18)**
  1. ★ 3 MUSIC 151
  2. ★ 3 MUSIC 155
  3. ★ 3 MUSIC 230
  4. ★ 3 MUSIC 315
  5. ★ 3 MUSIC 417

  Students must take EDSE 343 during the IPT*, which is normally offered in the Fall Term only.

- **Native Education (★18)**
  1. ★ 6 chosen from ANTH 101, 150, 207, 208, 277; LING 101; NS 210, 300, 470; SOC 100 or 300, 101, 261, 368, 437.
  2. ★ 9 EDPS 411, 422, 474
  3. ★ chosen from ANTH 227, 250; NS 153, 254, 211, 314.

  Students must take EDPS 311 during the IPT*.

- **Physics (★18)**
  1. ★ 3 PEDS 294
  2. ★ chosen from the seven activity dimensions listed below. (Note: no more than ★ can be selected from any one dimension).

  A variety of courses outside personal level of expertise is recommended.

  Aquatics competency required: PAC 110 or any of 200, 212, 230, 260, 292, 294, 297 recommended.

  1. ★ chosen from MATH 120 or 125
  2. ★ chosen from Mathematics, Computing Sciences, Statistics. STAT 141 is recommended.

  Students must take EDSE 337 during the IPT*, which is normally offered in both the Fall and Winter Terms.

  Note: No more than ★ can be taken in Computing Science courses.

- **Religious and Moral Education (★18)**
  1. ★ 9 chosen from Language/Linguistics chosen from ARAB 101, 200, 201.
  2. ★ 9 in Literature/Culture chosen from ARAB 499; CL IT 387, 397; POL S 260, 380; RELIG 220, 303, 422; SOC 271.

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

Note: ARAB 100 should be taken in the Preprofessional Year.

(1) 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: Arabic (★18)**
  1. ★ 9 in Language/Linguistics courses chosen from LING 320; NS 105, 152, 153, 252, 352.
  2. ★ 9 in Culture courses chosen from NS 210, 211, 300, 355, 356, 360, 400.

  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: Cree (★18)**
  1. ★ 9 to ★ 15 in Language/Linguistics Courses: chosen from LING 320; NS 105, 152, 153, 252, 352.
  2. ★ to ★ 9 in Culture courses chosen from NS 210, 211, 300, 355, 356, 360, 400.

  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: French (★18)**
  1. ★ 9 to ★ 15 in Language/Linguistics courses chosen from FREN 301, 311, 312, 313, 314, 315, 316, 333, 344, 346, 361, 364, 432, 442, 443, 445, 462, 463, 464, 465, 466, 467, 468, 469, 480.

  Students must take EDSE 338 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.

(1) Students whose major is also 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 FREN 211, 212. All others consult the subject area advisor.

(3) FREN 211, 212 should be taken in the Preprofessional Year.

(4) Courses offered by Faculté Saint-Jean may be credited toward the program. Consult the subject area advisor.

*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 FREN 211, 212. All others consult the subject area advisor.

(3) FREN 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: German (★18)


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

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

Second Languages: Italian (★18)

1. *12 to *15 in Language/Linguistics chosen from ITAL 111, 112, 211, 212, 396, 395, 425.

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

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

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)


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

*Note: 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)


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/Linguistics chosen from UKR 211, 212, 303 or 304, 403, 404, 406, 407, 411.

*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 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.

65.4.3 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>
</tbody>
</table>

65.5 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 §113.2) and the last two years (★60) are taken in the Faculty of Education.

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

<table>
<thead>
<tr>
<th>Year 4 (★30)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Introductory Professional Term (★15)</td>
</tr>
<tr>
<td>1. EDFX 350 (★3)</td>
</tr>
<tr>
<td>2. EDPS 310 (★3)</td>
</tr>
<tr>
<td>3. EDPY 301 (★3)</td>
</tr>
<tr>
<td>4. EDPY 303 (★3)</td>
</tr>
<tr>
<td>5. EDEE 3XX (★3)</td>
</tr>
<tr>
<td>6. Native Studies options (★9): choose any NS courses at the 400-level</td>
</tr>
<tr>
<td>7. Social Sciences (★6): choose any course at the 200-level or above (see §113.1.2(5))</td>
</tr>
</tbody>
</table>
65.5.3 BA (Native Studies)/BEd (Elementary) Five-Year Combined Degrees

Year 4 (150)

1. Education Minor (15)
2. Native Studies option (15): Choose Native Studies courses at the 400-level.
3. Option/Minor (15)

Introductory Professional Term (15)

1. EDFX 425 (15 weeks) (9)
2. EDPY 301 (3)
3. EDPY 303 (3)
4. EDFX 350 (3)

Education Core (15)

Education Core (15)

Native Studies Core (36)

Native Studies Core (36)

Common Major (45)

Common Major (45)

Teaching Minor (15)

Teaching Minor (15)

Options (15)

Options (15)

Notes

Notes

(1) Program advice should be obtained from both Education and Native Studies.

(2) Program Requirements (150)

Education Core (45)

Native Studies Core (36)

Common Major (45)

Teaching Minor (16)

Options (15)

Native Studies Core (36)

Native Studies Core (36)

Computing (3)

Computing (3)

English (3)

English (3)

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

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

Humanities 1XX (6)

Humanities 1XX (6)

Natural Science 1XX (3)

Natural Science 1XX (3)

Social Science 1XX (6)

Social Science 1XX (6)

Social Science 2XX/3XX/4XX (6)

Social Science 2XX/3XX/4XX (6)

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

Year 4 (150)

Introductory Professional Term (15)

1. EDFX 350 (3)
2. EDPY 303 (3)
3. EDPY 301 (3)
4. EDFX 350 (3)

Education Core (15)

Education Core (15)

Native Studies Core (36)

Native Studies Core (36)

Common Major (45)

Common Major (45)

Teaching Minor (15)

Teaching Minor (15)

Options (15)

Options (15)

Notes

Notes

(1) Program advice should be obtained from both Education and Native Studies.

(2) Program Requirements (150)

Education Core (45)

Native Studies Core (36)

Common Major (45)

Teaching Minor (15)

Options (15)

Native Studies Core (36)

Native Studies Core (36)

Computing (3)

Computing (3)

English (3)

English (3)

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

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

Humanities 1XX (6)

Humanities 1XX (6)

Natural Science 1XX (3)

Natural Science 1XX (3)

Social Science 1XX (6)

Social Science 1XX (6)

Social Science 2XX/3XX/4XX (3)

Social Science 2XX/3XX/4XX (3)

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

65.6.1 General Information

The Faculty 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 §§15.5.2 and 173.1.6).
## 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.

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

<table>
<thead>
<tr>
<th>Core Program Requirements</th>
<th>Year 1 (150)</th>
<th>Year 2 (150)</th>
<th>Year 3 (150)</th>
<th>Year 4 (150)</th>
<th>Year 5 (150)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Education: 94</td>
<td>1. BIOL 107, 108</td>
<td>1. BIOL 207, 208</td>
<td>1. BIOL 369</td>
<td>1. EDFX 350</td>
<td>1. EDPS 410</td>
</tr>
<tr>
<td>Major: 24</td>
<td>2. CHEM 101, 102</td>
<td>2. CHEM 261, 263</td>
<td>2. CHEM 294</td>
<td>2. EDPS 310</td>
<td>2. EDPS 451</td>
</tr>
<tr>
<td>Minor: 27</td>
<td>3. ENGL 101</td>
<td>3. EDFX 200</td>
<td>3. EDFX 310</td>
<td>3. EDPS 301</td>
<td>3. EDPS 437</td>
</tr>
<tr>
<td>100-level: 30 (Maximum 42)</td>
<td>4. MATH 113 or 114</td>
<td>4. EDFX 200</td>
<td>4. EDPS 303</td>
<td>4. EDPS 337</td>
<td>4. EDPS 438</td>
</tr>
<tr>
<td>Graduation Requirements:</td>
<td>5. MATH 115</td>
<td>5. PHYS 224</td>
<td>5. EDSE 301</td>
<td>5. EDSE 450</td>
<td>5. EDSE 451</td>
</tr>
<tr>
<td>GPA of 2.3 on all courses</td>
<td>6. PHYS 124 or 144</td>
<td>6. *3 chosen from EDFX 200, 208, 271</td>
<td>6. EDFX 450</td>
<td>6. EDSE 447</td>
<td>6. EDSE 448</td>
</tr>
<tr>
<td>GPA of 2.7 on Major courses</td>
<td>7. PHYS 126 or 146</td>
<td>7. *3 chosen from CHEM 211 or PHYS 294</td>
<td>7. *6 Area “B”</td>
<td>7. *6 Area “C”</td>
<td></td>
</tr>
<tr>
<td>Area “B”</td>
<td>8. PHYS 126 or 146</td>
<td>8. PHYS 126 or 146</td>
<td>8. PHYS 126 or 146</td>
<td>8. PHYS 126 or 146</td>
<td>8. PHYS 126 or 146</td>
</tr>
<tr>
<td>Area “C”</td>
<td>9. PHYS 126 or 146</td>
<td>9. PHYS 126 or 146</td>
<td>9. PHYS 126 or 146</td>
<td>9. PHYS 126 or 146</td>
<td>9. PHYS 126 or 146</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Core Program Requirements</th>
<th>Year 1 (150)</th>
<th>Year 2 (150)</th>
<th>Year 3 (150)</th>
<th>Year 4 (150)</th>
<th>Year 5 (150)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Education: 94</td>
<td>1. BIOL 107, 108</td>
<td>1. CHEM 261, 263</td>
<td>1. CHEM 369</td>
<td>1. EDFX 350</td>
<td>1. EDPS 410</td>
</tr>
<tr>
<td>Major: 24</td>
<td>2. CHEM 101, 102</td>
<td>2. EDFX 200</td>
<td>2. CHEM 294</td>
<td>2. EDPS 310</td>
<td>2. EDPS 451</td>
</tr>
<tr>
<td>Minor: 27</td>
<td>3. ENGL 101</td>
<td>3. EDFX 200</td>
<td>3. EDFX 310</td>
<td>3. EDPS 301</td>
<td>3. EDPS 437</td>
</tr>
<tr>
<td>100-level: 30 (Maximum 42)</td>
<td>4. MATH 113 or 114</td>
<td>4. EDFX 200</td>
<td>4. EDPS 303</td>
<td>4. EDPS 337</td>
<td>4. EDPS 438</td>
</tr>
<tr>
<td>Graduation Requirements:</td>
<td>5. MATH 115</td>
<td>5. PHYS 224</td>
<td>5. EDSE 301</td>
<td>5. EDSE 450</td>
<td>5. EDSE 451</td>
</tr>
<tr>
<td>GPA of 2.3 on all courses</td>
<td>6. PHYS 124 or 144</td>
<td>6. *3 chosen from EDFX 200, 208, 271</td>
<td>6. EDFX 450</td>
<td>6. EDSE 447</td>
<td>6. EDSE 448</td>
</tr>
<tr>
<td>GPA of 2.7 on Major courses</td>
<td>7. PHYS 126 or 146</td>
<td>7. *3 chosen from CHEM 211 or PHYS 294</td>
<td>7. *6 Area “B”</td>
<td>7. *6 Area “C”</td>
<td></td>
</tr>
<tr>
<td>Area “B”</td>
<td>8. PHYS 126 or 146</td>
<td>8. PHYS 126 or 146</td>
<td>8. PHYS 126 or 146</td>
<td>8. PHYS 126 or 146</td>
<td>8. PHYS 126 or 146</td>
</tr>
<tr>
<td>Area “C”</td>
<td>9. PHYS 126 or 146</td>
<td>9. PHYS 126 or 146</td>
<td>9. PHYS 126 or 146</td>
<td>9. PHYS 126 or 146</td>
<td>9. PHYS 126 or 146</td>
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</table>

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

<table>
<thead>
<tr>
<th>Core Program Requirements</th>
<th>Year 1 (150)</th>
<th>Year 2 (150)</th>
<th>Year 3 (150)</th>
<th>Year 4 (150)</th>
<th>Year 5 (150)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Education: 94</td>
<td>1. BIOL 107, 108</td>
<td>1. CHEM 261, 263</td>
<td>1. CHEM 369</td>
<td>1. EDFX 350</td>
<td>1. EDPS 410</td>
</tr>
<tr>
<td>Major: 24</td>
<td>2. CHEM 101, 102</td>
<td>2. EDFX 200</td>
<td>2. CHEM 294</td>
<td>2. EDPS 310</td>
<td>2. EDPS 451</td>
</tr>
<tr>
<td>Minor: 27</td>
<td>3. ENGL 101</td>
<td>3. EDFX 200</td>
<td>3. EDFX 310</td>
<td>3. EDPS 301</td>
<td>3. EDPS 437</td>
</tr>
<tr>
<td>100-level: 30 (Maximum 42)</td>
<td>4. MATH 113 or 114</td>
<td>4. EDFX 200</td>
<td>4. EDPS 303</td>
<td>4. EDPS 337</td>
<td>4. EDPS 438</td>
</tr>
<tr>
<td>Graduation Requirements:</td>
<td>5. MATH 115</td>
<td>5. PHYS 224</td>
<td>5. EDSE 301</td>
<td>5. EDSE 450</td>
<td>5. EDSE 451</td>
</tr>
<tr>
<td>GPA of 2.3 on all courses</td>
<td>6. PHYS 124 or 144</td>
<td>6. *3 chosen from EDFX 200, 208, 271</td>
<td>6. EDFX 450</td>
<td>6. EDSE 447</td>
<td>6. EDSE 448</td>
</tr>
<tr>
<td>GPA of 2.7 on Major courses</td>
<td>7. PHYS 126 or 146</td>
<td>7. *3 chosen from CHEM 211 or PHYS 294</td>
<td>7. *6 Area “B”</td>
<td>7. *6 Area “C”</td>
<td></td>
</tr>
<tr>
<td>Area “B”</td>
<td>8. PHYS 126 or 146</td>
<td>8. PHYS 126 or 146</td>
<td>8. PHYS 126 or 146</td>
<td>8. PHYS 126 or 146</td>
<td>8. PHYS 126 or 146</td>
</tr>
<tr>
<td>Area “C”</td>
<td>9. PHYS 126 or 146</td>
<td>9. PHYS 126 or 146</td>
<td>9. PHYS 126 or 146</td>
<td>9. PHYS 126 or 146</td>
<td>9. PHYS 126 or 146</td>
</tr>
</tbody>
</table>

Notes:
1. Courses 1 through 4 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.
3. Courses 1 through 5 above complete the University Arts Option.
## 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

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

<table>
<thead>
<tr>
<th>Core Program Requirements</th>
<th>Education: 145</th>
</tr>
</thead>
<tbody>
<tr>
<td>Major: 53</td>
<td>Minor: 24</td>
</tr>
<tr>
<td>Graduation Requirements:</td>
<td>GPA of 2.3 on all courses</td>
</tr>
<tr>
<td>GPA of 2.7 on Major courses</td>
<td></td>
</tr>
</tbody>
</table>

#### Area "B"

<p>| Biography Sciences Major/Physical Sciences Minor (150) |</p>
<table>
<thead>
<tr>
<th>Morality Courses</th>
<th>Mathematics Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. BIOL 107, 108</td>
<td>1. CHEM 101, 161</td>
</tr>
<tr>
<td>2. ENGL 101</td>
<td>3. ENGL 101</td>
</tr>
<tr>
<td>3. MATH 114</td>
<td>4. MATH 114</td>
</tr>
<tr>
<td>4. MATH 115</td>
<td>5. MATH 115</td>
</tr>
<tr>
<td>5. MATH 120</td>
<td>6. MATH 120</td>
</tr>
<tr>
<td>6. STAT 151</td>
<td>7. STAT 151</td>
</tr>
<tr>
<td>7. 6 in Physical Sciences at the 100-level</td>
<td>8. 6 in Arts Options</td>
</tr>
</tbody>
</table>

#### Area "C"

<p>| Biological Sciences Major/Mathematical Sciences Minor (150) |</p>
<table>
<thead>
<tr>
<th>Biology Courses</th>
<th>Mathematics Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. BIOL 107, 108</td>
<td>1. CHEM 101, 161</td>
</tr>
<tr>
<td>2. CHEM 101, 161</td>
<td>3. CHEM 101</td>
</tr>
<tr>
<td>3. ENGL 101</td>
<td>4. ENGL 101</td>
</tr>
<tr>
<td>4. MATH 113 or 114</td>
<td>5. MATH 113 or 114</td>
</tr>
<tr>
<td>5. 3 chosen from MATH 115, 120, STAT 151</td>
<td>6. 3 chosen from MATH 115, 120, STAT 151</td>
</tr>
<tr>
<td>6. 6 in Biological Sciences at the 200-level</td>
<td>7. 6 in Biological Sciences at the 200-level</td>
</tr>
<tr>
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<td>8. 6 in Mathematics at the 300- or 400-level</td>
</tr>
<tr>
<td>8. 6 AREA &quot;B&quot;</td>
<td>9. 6 AREA &quot;A&quot;</td>
</tr>
</tbody>
</table>

#### Area "B" History and Theory of Science

<table>
<thead>
<tr>
<th>Biology Courses</th>
<th>Mathematics Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. BIOL 107, 108</td>
<td>1. CHEM 101, 161</td>
</tr>
<tr>
<td>2. CHEM 101, 161</td>
<td>3. CHEM 101</td>
</tr>
<tr>
<td>3. ENGL 101</td>
<td>4. ENGL 101</td>
</tr>
<tr>
<td>4. MATH 113 or 114</td>
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</table>

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

<table>
<thead>
<tr>
<th>Core Program Requirements</th>
<th>Education: 145</th>
</tr>
</thead>
<tbody>
<tr>
<td>Major: 53</td>
<td>Minor: 27</td>
</tr>
<tr>
<td>Graduation Requirements:</td>
<td>GPA of 2.3 on all courses</td>
</tr>
<tr>
<td>GPA of 2.7 on Major courses</td>
<td></td>
</tr>
</tbody>
</table>

#### Area "B"

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</table>

### BMus/BEd Five-Year Combined Degrees

This degree program consists of 162 overall. The first three years (589) are taken in the Faculty of Arts (see §42.10) and the last two years (63) are taken in the Faculty of Education.

**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)

#### Advanced Professional Term (15)

1. EDFX 450 (3)
2. EDFX 451 (3)
3. EDSE 443 (3)
4. EDSE 444 (3)

**Year 5 (30)**

1. *3 chosen from MUSIC 220 or 230
2. *3 chosen from MUSIC 440 or 441
3. *3 chosen from one of MUSIC 314, 314, 315, 316, or 321
4. *3 chosen from the following: MUSIC 259 or 263 or 320 or 451 or X22 or Minor Teaching Subject (3) (see Note)
5. *3 chosen from one of MUSIC 281 or 282
6. *3 chosen from one of MUSIC 416 or 417 or 431
7. EDFS 410 (3)
8. Education options (6); choose any courses from the Faculty of Education
9. Minor (6); choose any courses from the specified Teaching Minor

**Note:** *3 in the Minor Teaching Subject must be chosen by those students who have failed the Piano Proficiency Examination.
65.8 BPE/BEd (Secondary Route) Combined Degrees

65.8.1 General Information

See also §143.4.

The Bachelor of Physical Education/Bachelor of Education Combined Degrees program consists of 159 credit units 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 $15.5.4 for detailed admission requirements and procedures for entry to Year 4 of this Combined Degrees Program.

65.8.2 Program Requirements (Secondary Route)

Year 4 (150)

Introductory Professional Term (15)
1. EDFX 350 (3)
2. EDFS 310 (3)
3. EDPY 301 (3)
4. EDPY 303 (3)
5. EDSSE 33X (3)
6. PAC or DAC Activity Option (3)
7. Open options (6)
8. Education option (3)

Advanced Professional Term (15)
1. EDFX 450 (6)
2. EDFX 451 (3)
3. EDSSE 447 (3)
4. EDSSE 448 (3)
5. EDEFX 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.

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

65.9.1 General Information

This degree program consists of 159 credit units overall. The first three years (90) are taken in the Faculty of Physical Education and Recreation (see §143.4) and the last two years (60) are taken in the Faculty of Education.

65.9.2 Program Requirements

Year 4 (150)

Introductory Professional Term (18)
1. EDEL 300 (3)
2. EDFX 325 (3)
3. EDPY 310 (3)
4. EDPY 301 (3)
5. EDPY 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. EDEL 330 (3)
7. EDEL 335 (3)

Note: EDEL 305 and 316 are required.

Year 5 (150)

Advanced Professional Term (15)
1. EDFX 450 (6)
2. EDFX 451 (3)
3. EDSSE 432 (3)
4. EDSSE 433 (3)
5. EDEFX 410 (3)
6. Education Option (3)
7. Minor (3)
8. Open option (3)
9. 6 credits from INT D 498; MARK 412; PHIL 265, 316, 375; SOC 315, 417, 418, 443; W ST 301, 302.

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

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

65.10.1 General Information

(See also §151.15)

The Bachelor of Science in Human Ecology/Bachelor of Education (Secondary) Combined Degrees program provides a five-year integrated program of 152 credit units. 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 $15.5.6 for detailed admission requirements and procedures for entry to Year 4 of this Combined Degrees Program.

65.10.2 Program Requirements

Year 4 (150)

Introductory Professional Term
1. EDFX 350 (3)
2. EDFS 310 (3)
3. EDPY 301 (3)
4. EDPY 303 (3)
5. EDSSE 33X (3)
6. Education Option (3)
7. Minor (3)
8. Open option (3)
9. 6 credits from INT D 498; MARK 412; PHIL 265, 316, 375; SOC 315, 417, 418, 443; W ST 301, 302.

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

65.11 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 one minor: Teacher Education North. For more information regarding this ongoing program, contact Undergraduate Student Services or the Education Progams Office, Red Deer College.

65.12 Collaborative BEd Degree Completion Program with Grande Prairie College

A Bachelor of Education (Elementary Route) 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.
65.13 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.

65.14 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 Readmission form to the Registrar’s Office.

Teachers who completed the one-year program offered by the University of Alberta (before 1962) should submit an Application for Readmission or Internal Transfer form to the Registrar’s Office.

66 Bachelor of Education Programs for Holders of Approved Degrees

66.1 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.

66.1.1 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.

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)

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.

66.1.2 Elementary Education Route (★60)

(1) Education Core I (★6)

- EDPY 200 (★3)
- EDFX 200 (★3) or EDPS 3XX/4XX (★3) (any EDPS course at the 300- or 400-level)

(2) Elements ★9 chosen from any of the Elements not yet completed. See 965.3.2 for detailed descriptions of the Elements.

(3) Introductory Professional Term (★15)

- EDEL 300 (★3)
- EDPY 301 (★3)
- EDFX 325 (★3)
- EDPY 303 (★3)
- EDPS 310 (★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 (★18)

- EDEL 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.

66.1.3 Secondary Education Route (★60)

(1) Introductory Professional Term (★18)

- EDFX 350 (★3)
- EDPY 303 (★3)
- EDPS 310 (★3)
- EDPS 301 (★3)

(2) Advanced Professional Term (★15)

- EDFX 450 (★6)
- EDFX 4XX (★3)
- EDFX 451 (★3)
- EDFX 4XY (★3)

(3) Education Core (★18)

- EDPS 410 (★3)
- EDPS 200 (★3)
- EDFX 200 (★3) or EDPS 3XX/4XX (★3) (any EDPS course at the 300- or 400-level)

Education Option (★6): choose any courses offered by the Faculty of Education.

(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.

66.2 Advanced Study in Education

66.2.1 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.

66.2.2 Diploma of the Faculty of Education

The Faculty of Education offers a series of diploma programs to provide additional special 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 on completion of a Diploma program. A student wanting certification must take the basic Certification program described in §63.9.
Applicants who have never 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 should complete an Application for Readmission or Internal Transfer form 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 LL Stewin, Chair)
- Educational Psychology
- Inclusive Education
- Instructional Technology
- Teaching English as a Second Language

**Department of Educational Policy Studies** (Dr SP Norris, Chair)
- Adult Education
- Anthropology and Education
- Education Administration
- History of Education
- International/Intercultural Education
- Philosophy of Education
- Postsecondary Education
- Sociology of Education

**Department of Elementary Education** (Dr DJ Oberg, Chair)
- Early Childhood Education
- General Studies
- Language Arts
- Music Education
- Teacher Librarianship

**Department of Secondary Education** (Dr TR Carson, Chair)
- Art
- Biological Sciences
- Chemistry
- Career and Technology Studies (CTS)
  - CTS: Business and Technology
  - CTS: Human Ecology
  - CTS: Resources
  - CTS: Technology Education
- Computers in Education
- Curriculum and Instruction
- Drama
- English Language Arts
- English as a Second Language
- General Sciences
- Health Education
- Mathematics
- Music: Choral
- Physical Education
- Physical Sciences (Chemistry and Physics)
- Physics
- Religious and Moral Education
- Second Languages
- Social Studies
- Special Topics* e.g., Computers in Education
*From time to time the Department of Secondary Education may offer diploma programs in special topics. Students interested in working in an area not included in the listing above should consult the Department of Secondary Education.

**Note:** The approved course work for all diploma programs in Secondary Education will be a total of 24: EDSE 503 (3); the corresponding minor program (18) (see Education Chart 3); Open Option (3).

### 66.2.3 Graduate Degree Programs in Education

The Faculty of Education offers graduate work for the preparation of teachers, supervisors, guidance counsellors, administrators and other educational specialists, and may lead to the degrees of Master of Education, Doctor of Education or Doctor of Philosophy. Candidates for these advanced degrees choose an area of concentration corresponding to the specialization of a particular department as follows:

- **Department of Educational Policy Studies:** administration and leadership (elementary, secondary, and postsecondary), adult and higher education, First Nations education, history of education, international/intercultural education, philosophy of education, sociology of education, social and cultural contexts of education, global education.
- **Department of Educational Psychology:** counselling and school psychology, educational psychology, special education, instructional technology education.

### Department of Elementary Education: curriculum and instruction in kindergarten, primary, and elementary education (Grades 1–6).

**Department of Secondary Education:** curriculum and instruction in secondary education (Grades 7–12).

To meet candidates’ needs and interests, departments permit considerable flexibility in the programs leading to advanced degrees. In general, students select courses from the offerings of the department of their choice, supplemented by approved courses from other departments. Specific requirements for graduate degrees offered by the various departments in the Faculty of Education are found in §185.

Graduate-level courses in education are offered in Fall/Winter and Spring/Summer.

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.

### 67 Courses

Faculty of Education courses are listed in §211, Course Listings, under the following subject headings:

- Education – (EDU)
- 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)

### 68 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 §211, Course Listings, under the heading Library and Information Studies (LIS).**

### 69 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.