Faculty of Education

Historical Overview

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

Mission Statement

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

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

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

Teaching, Research, and Community Service

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

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

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

- Multiculturalism and International Education
- School, Teacher, and Curriculum Transformation
- Literacy for All Canadians
- Learners with Special Needs
- 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.

71.1 Teaching and Scholarship

The Faculty of Education’s history of excellence in teaching and scholarship is reflected through the following award winning professors:

<table>
<thead>
<tr>
<th>Award</th>
<th>Professor</th>
<th>Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>J M Teaching Award</td>
<td>Graham Fishburne</td>
<td>1990</td>
</tr>
<tr>
<td>Rutherford Teaching Award</td>
<td>Amanda Montgomery</td>
<td>2004</td>
</tr>
<tr>
<td>Graduate Teaching Award</td>
<td>Ingrid Johnston</td>
<td>2001</td>
</tr>
<tr>
<td>Excellence in Research</td>
<td>Max van Manen</td>
<td>2001</td>
</tr>
<tr>
<td>ATA Research Award</td>
<td>Andre Grace</td>
<td>2003</td>
</tr>
<tr>
<td>Killam Research Professorship</td>
<td>Linda Phillips</td>
<td>2004</td>
</tr>
<tr>
<td>ATA Research Award</td>
<td>Fern Snart</td>
<td>2001</td>
</tr>
<tr>
<td>ATA Research Award</td>
<td>Margaret Haughney</td>
<td>2001</td>
</tr>
<tr>
<td>ATA Research Award</td>
<td>John Mitchell</td>
<td>1994</td>
</tr>
<tr>
<td>Killam Research Professorship</td>
<td>Margaret Mackey</td>
<td>1999</td>
</tr>
<tr>
<td>Killam Research Professorship</td>
<td>Tracey Derwing</td>
<td>1999</td>
</tr>
<tr>
<td>Killam Research Professorship</td>
<td>ATAF Grant</td>
<td>1990</td>
</tr>
</tbody>
</table>

71.2 Members of the Faculty

Officers of the Faculty

Dean
FD Snart, PhD

Administrative Officer
JM Hillier, MEd

Associate Dean (Academic)
JM Bainbridge, EdD

Associate Dean (Graduate Studies and Research)
I Johnston, PhD

Associate Dean (Teacher Education)
RY Foster, PhD

Associate Dean (Field Experiences)
R Gustafson, PhD

Director of Student Support
J Bailey, PhD

Faculty Adjunct Professors
D Baker, MEd
L Booi, BEd
P Bidart, MEd
P Calahen, MEd
C Camming, PhD
E Dosdall, EdD
H Juergens, PhD
I Lewis, MEd
A McBeath, MEd
D Rigby, PhD
J Schein, PhD
R Spelliscy, PhD
S Shaw, PhD
D Thachuk, MEd
G Thomas, PhD
E Wolf-Schein, PhD
G Zwozdesky

Faculty Adjunct Associate Professors
F Burghardt, MEd
J Flaherty
J Nickerson
M Podlosky, MEd
D Stanley, BEd
S Walton, MEd

Faculty Adjunct Assistant Professors
G Brettton
F Brokop, MEd
P Campbell, EdD
M McGregor, PhD
M Norton, PhD
R Sela, PhD

Field Experience: Adjunct Professors
T Fiorillo, MEd
E Ruxburgh, MA
R Van Hooydonk, BEd

Field Experience: Adjunct Associate Professors
G Christophers, BEd
H Chyzowski, BEd
M Jones, BEd
E Kostyshyn, MEd
Y McKinnon, BEd
I McNeill, BA
I Nicolson, MEd
H Nikulski, BEd
G Sharpes, MEd
D Thachuk, BEd

MT, ABD, AEdD

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Educational Policy Studies

Professor and Chair
JL daGosta, PhD

Professors
ML Haughey, PhD
WG Maynes, PhD
SP Norris, PhD
JF Peters, PhD
GD Taylor, PhD
B Young, PhD

Associate Professors
AA Abdi, PhD
PA Brook, EdD
RJ Fenwick, PhD
RY Foster, PhD
AP Grace, PhD
JJ Kachur, PhD
MA Bibby, PhD
LMO MacDonald, PhD

Psychology

J Wang, PhD
P Quinney, PhD
Y Guo, PhD

Adjunct Assistant Professors
H Wynne, PhD
S Stiles, BEd

B Pickard, PhD
M Pansegrau, PhD
X Ma, PhD
M Panegrea, PhD
B Pickard, PhD
A Richardson, PhD
S Stiles, BEd
H Wynne, PhD

Adjunct Associate Professors
C Urion, PhD
W Shillington, PhD
R Morrow, PhD
D Haughey, PhD

Adjunct Professors
C Weber-Pillwax, PhD
JA Wallace, PhD
D van der Wey, MEd
M Stewart-Harawira, PhD
D Chovanec, PhD

Assistant Professors
JL Kachur, PhD
AP Grace, PhD
RY Foster, PhD
PA Brook, EdD
AA Abdi, PhD

Associate Professors
GD Taylor, PhD
SP Norris, PhD

Professors
IV Samarasekera, OC
J Johnston, PhD
NE Melnychuk, PhD
NM Nocente, EdD
GW Richardson, PhD

Assistants
D Conrad, PhD
WE Dunn, PhD

Adjunct Professors
M Mackey, PhD
S Norris, PhD
R Palmer, PhD

Adjunct Associate Professors
F Jenkins, PhD
R Ritter, PhD

Adjunct Assistant Professors
R Anderson, PhD
R Benton-Evan, PhD
D Binder, PhD
JC Couture, PhD
L Crawford, EdD
T Fenwick, PhD
R. Sheridan-Carson, PhD
G Zhou, PhD

Administrative Officer
C Champagne, MA

Division of Technology in Education

Coordinator
L Rodgers, MEd

Educational Centres and Services

Centre for Research in Applied Measurement and Evaluation Director
WT Rogers, PhD

Professors
M Mackay, PhD
AM Schrader, PhD

Associate Professors
LM Green, MLS
HE Julien, PhD
AHE Sameh, PhD
DB Ward, PhD

Assistants
AA Shi, PhD
D Zhao, PhD

Adjunct Professor
D Oberg, PhD

Adjunct Assistant Professors
L Cook, MLS
G deFries, MLS
D Leonard, PhD

Secondary Education

Associate Professor and Chair
ESM Simms, PhD

Professors
OSE Blush, PhD
RF Caron, PhD
BA Davis, PhD
MA Doherty, PhD
ML Dzies, PhD
J Jajdodzinski, PhD
JB Parsons, PhD
DJP Penn, PhD
DG Smith, Dphil
DJ Sumara, PhD
MM van Manen, PhD

Hope Foundation of Alberta

Director
DJ Larsen, PhD

Center for Mathematics, Science and Technology Education
F Jenkins, PhD

JP Das Development Disabilities Centre Director
RJ Sohbet, EdD

Western Canadian Centre for Studies in Deafness Director
D Russell, PhD

Additional Members of Faculty Council

President and Vice-Chancellor
IV Samarasekera, OC

Agriculture, Forestry, and Home Economics
S Cash, PhD

Arts
C Varnhagen, PhD

Business
B Schulick, PhD

Extension
S Varnhagen, PhD

Faculty Saint-Jean
L Mandin, MEd

Nursing
A Neufeld

Physical Education and Recreation

1 Representative

Rehabilitation Medicine

1 Representative

Science
G Peschke, PhD

Herbert T Coutts Library
J Tong

Alberta Learning
P Walle

Alberta Teachers’ Association
D Stanley

Education Students’ Association
D Lindsen

Graduate Students’ Association
K Cameron

A Neufeld

S carriers

Sessional representatives
S Lynch, PhD
D Reid Katz, MEd

Registrar of the University
CP Byrne, MBA

University of Alberta
72 General Information

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

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.

72.1 Student Organizations

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

The ESA publishes an online handbook for all Education students, rents lockers located in the Education building, and conducts a number of social, academic and professional events throughout the year. Contact the ESA office (1-101 Education Centre North, 402-3650) for further details.

73 Faculty Regulations

73.1 Speech Competency

Besides demonstrating overall English language proficiency, students entering the Faculty expecting to complete teacher certification need a further level of spoken English proficiency, regardless of their citizenship status or country of origin. Speech 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. See §13.3.1 English Language Proficiency and §13.3.2 Spoken English Requirement for further information.

73.2 Registration Requirements

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

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

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

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

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

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

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

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

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

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

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

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

73.2.3 Field Experience Courses (Student Teaching)

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

(1) Registration in Field Experience courses is a two-part process. Students must first register in EDFX courses using the Bear Tracks web registration system. Students must then access the Faculty’s Student Teaching Placement Information system via the Field Experiences website at http://www.uofaweb.ualberta.ca/fieldexperiences.

(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.
Students are expected to access the Field Experience website at http://www.uaeducationalexperiences.ca before the beginning of their field experiences (IPT and APT). The website provides specific information about student teaching and outlines what is expected of student teachers.

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

- 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
- 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.

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.

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

### 73.2.4 Important Dates - Field Experiences

**Secondary Route: Withdrawal Deadlines—Introductory Professional Term**

- On-campus courses: End of Week 4 of Classes
- EDFX 325: End of Week 3 of Placement

**Secondary Route: Withdrawal Deadlines—Advanced Professional Term**

- On-campus courses: End of Week 6 of Classes
- EDFX 425 or 426: End of Week 6 of Placement

**Secondary Route: Withdrawal Deadlines—Introductory Professional Term**

- On-campus courses except EDSE minor: End of Week 6 of Classes
- EDSE minor: End of Week 4 of Classes
- EDFX 350: End of Week 3 of Placement

**Secondary Route: Withdrawal Deadlines—Advanced Professional Term**

- On-campus courses: End of Week 3 of Classes
- EDFX 450: End of Week 6 of Placement
- EDFX 451: End of Week 3 of Classes

**Spring and Fall Break as per local school district.**

### 73.3 Student Advising

#### Undergraduate Student Services (USS)

USS staff assists with admission, readmission, program requirements, field experiences, and any other issues related to a student’s degree or diploma program.

USS maintains the official Faculty record of each student’s academic program as well as the student teaching reports. These records are held for three years after graduation.

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

#### Associate Dean (Teacher Education)

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

#### Associate Dean (Field Experiences)

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

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

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

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

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

73.4.4 Academic Standing for 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 §23.9.2 for information on calculation of Fall/Winter GPAs and the academic record.

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

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

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

(5) Students who fail to meet the fifth-year requirements in the program will be required 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 reauditioning and new program requirements, that may be specified by the Department of Music, the Faculty of Arts, and the Faculty of Education.

73.4.4.1 Residence Requirements

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

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

73.5 Appeals

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

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

A written statement of appeal must be submitted to the Chair of the Faculty Academic Appeals Committee by the following deadlines:

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

These deadlines apply to appeals of grades and academic standing. Further details of the Faculty’s appeal procedures are available from the Director of Student Support or the Associate Dean (Undergraduate Student Services). 1-107 Education North. Certain decisions of the Faculty Academic Appeals Committee may be appealed to the General Faculties Council Appeals Committee. See §23.9.
73.5.2 BEd/BSc (Specialization in Science and Education) Combined Degrees Program

(1) A student in the Bachelor of Education/Bachelor of Science (Specialization in Science and Education) Combined Degrees Program seeking a review of a decision on academic standing must first consult the Associate Dean (Undergraduate Student Services) in the Faculty of Education and submit a written statement pertaining to the specific decision affecting the student’s academic standing. This statement should include related documents on which an appeal can be based and must be made within 30 days of the original decision on academic standing. The Associate Dean of Education consults the senior Associate Dean of Science, and they decide on the appeal and inform the student.

(2) If the student is not satisfied with the decision, the student may appeal, in writing, to the Dean of Education. The Dean of Education consults the Dean of Science. They decide on the appeal and inform the student. An appeal to the Dean must be made within 15 days of receiving the written decision from the Associate Dean.

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

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

73.6 Reexamination

See 923.5.5.

73.7 Graduation

73.7.1 BEd and BEd (After Degree)

(1) To receive the Bachelor of Education degree, students must
   a. successfully complete a minimum of ★60 of their program at the University of Alberta and a minimum of ★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.

73.7.2 BA (Native Studies)/BEd Combined Degrees Program

(1) Graduation requirements include an overall grade point average of 2.0 on all courses completed in the ★150 program, and a GPA of 2.1 on all courses completed in the Native Studies major.
   a. 100-level courses: For the purpose of the combined degrees program normally no more than ★60 at the 100-level may be taken for degree credit.

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

(3) Degrees with Distinction shall be awarded to students who achieve a 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.

Student Advising: Students will be jointly advised regarding program and course requirements by designated advisors in both the School of Native Studies and the Faculty of Education.

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

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

Notes

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

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

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

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

73.7.4 BMus/BEd (Secondary) Combined Degrees Program

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

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

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

Regulations for the Bachelor of Physical Education/Bachelor of Education (Elementary) (Secondary) Combined Degrees Program are the same as those for the Bachelor of Education degree (see 573.7.1).

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

Regulations for the Bachelor of Science in Human Ecology/Bachelor of Education (Secondary) Combined Degrees Program are the same as those for the Bachelor of Education degree (see 573.7.1).

73.8 Special Faculty Regulations

(1) Transfer from One Route to Another: Students who wish to change their route should consult Undergraduate Student Services. Route changes are possible, but students must meet all the requirements of the new route, which may involve additional coursework. Admission to the new route is on a competitive basis. Students wishing to change their Route must submit an Application for Readmission/Internal Transfer form to the Office of the Registrar and Student Awards.

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

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

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

a. they are degree program students of the Faculty of Education;
b. they have already completed a minimum of 24 of their program at the University of Alberta; and
c. they present Satisfactory Standing (i.e. GPA of 2.0 or greater).

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

**73.9 Teaching Certification**

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

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

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

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

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

(1) a person who has been convicted of an indictable offence under the Criminal Code; or

(2) a person whom the Registrar has reason to believe should not be issued a certificate.

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

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

**74 Professional Standards**

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

**74.1 Criminal Record Check**

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

**74.2 Field Experience Placements, Professional Practice and the Public Interest**

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

**75 Programs of Study**

**75.1 Degree of BEd**

**Underlying Principles**

The following principles underlie all teacher preparation programs:

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

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

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

4. The Bachelor of Education degree consists of a minimum of 120, 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 sections apply only to students registered in the 1-3 Bachelor of Education degree program.
- Students enrolled in the Bachelor of Education (After Degree) should consult §76 for program details.

**75.2 Adult Education Route**

**75.2.1 General Information**

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

- The Adult Education Route will not qualify for Teacher Certification.
- **Time Limit for Completing the Adult Education Route BEd Degree.**

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

**75.2.2 Components of the Program**

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

**Advanced Standing (30)**

Students entering this program are given 30 of Advanced Standing for the following courses: EDAE 223 (3); EDAE 243 (3); EDAE 323 (3); EDAE 343 (3); EDAE 423 (3); EDAE 443 (3); EDFX 409 (3). See §15.6.1(c).
Education

75.3 Elementary Education Route

75.3.1 General Information

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

Required Courses (★90)

Elementary Education Courses (★18): EDAE 380 (★3); EDAE 445 (★3); EDAE 480 (★3); EDAE 481 (★3); EDAE 475 (★3); EDAE 468 (★3).

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

English (★6): Choose any Introductory courses offered by the Department of English.

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

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

Notes

1. ★6 of Non-Education courses in a Minor must be at the 200-level or higher.

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

Opportunities (★5): Select any courses from any Faculty.

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

75.3.2 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 professional 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) ★24 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: PSYCO 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 PEDS 293.

**Element VII: Health Education** ★3 chosen from ANTHR 393; HECOL 200, 210, 211, 310; HE ED 110; or SOC 271.

(2) Education Core I (★6)

EDU 250 (★3); EDPY 200 (★3)

(3) Computing Requirement (★3)

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

Education Chart 1 Requirements for Minors in the Elementary Route

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

<table>
<thead>
<tr>
<th>Subject Area</th>
<th>Required Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Education</strong></td>
<td>★90</td>
</tr>
<tr>
<td><strong>Non-Education</strong></td>
<td>★12</td>
</tr>
<tr>
<td></td>
<td>1. ★6 of Non-Education courses must be chosen from the following seven subject areas: Language/Literature ★6 chosen from Classics, Comparative Literature, English, or Linguistics. Mathematics ★3 chosen from Mathematics or Statistics (MATH 160 recommended). Social Science ★3 chosen from Anthropology, Economics, History, Political Science, or Sociology. 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. Fine Arts ★3 chosen from Art; Art History; Dance; Design; Drama; Film and Media Studies; Music; HECOL 150; or HECOL 201. Physical Education ★3 PEDS 293. Health Education ★3 chosen from ANTHR 393; HECOL 200, 210, 211, 310; HE ED 110; or SOC 271.</td>
</tr>
<tr>
<td><strong>Minor Courses</strong></td>
<td>★18</td>
</tr>
<tr>
<td></td>
<td>1. ★6 from any one of the above areas. Education ★6 chosen from EDL 415 or 416.</td>
</tr>
<tr>
<td><strong>Mathematics/Science</strong></td>
<td>★18</td>
</tr>
<tr>
<td></td>
<td>1. ★6 from Non-Education courses must be chosen from the following: DANCE 340, 350 or 431; ★3 from PAC 360 or 365; ★3 from PAC 320 or 325. 2. Remaining ★6 of Non-Education credits chosen from any combination of the following: DANCE 340, 350 or 431; HE ED 110, 220, or 295; PAC 110, 111, 112, 118, 131, 137, 140, 173, 174, 181, 310, 311, 318, 320, 325, 331, 337, 360, 365, 370 or 381; PEDS 205 or 345; PERLS 207 or 345.</td>
</tr>
<tr>
<td><strong>Music</strong></td>
<td>★24</td>
</tr>
<tr>
<td></td>
<td>1. MUSIC 151, 155, 156, 207, 230</td>
</tr>
<tr>
<td><strong>Native Education</strong></td>
<td>★18</td>
</tr>
<tr>
<td></td>
<td>1. ★6 from Non-Education courses must be chosen from the following: DANCE 340, 350 or 431; ★3 from PAC 360 or 365; ★3 from PAC 320 or 325. 2. Remaining ★6 of Non-Education credits chosen from any combination of the following: DANCE 340, 350 or 431; HE ED 110, 220, or 295; PAC 110, 111, 112, 118, 131, 137, 140, 173, 174, 181, 310, 311, 318, 320, 325, 331, 337, 360, 365, 370 or 381; PEDS 205 or 345; PERLS 207 or 345.</td>
</tr>
</tbody>
</table>
Education Chart 1  Requirements for Minors in the Elementary Route (cont’d)

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

<table>
<thead>
<tr>
<th>Education (≥3)</th>
<th>3. ≥3 EDEL 420.</th>
<th>Note: EDEL 420 has a prerequisite of EDEL 321.</th>
</tr>
</thead>
</table>

Second Languages: Arabic (∗21)

| Non-Education (≥18) | 1. ∗≥10 in Language/Linguistics chosen from ARAB 100, 301, 302. | 2. ∗≥10 in Literature/Culture chosen from ARAB 496; C LIT 338, 357; POL S 260; RELIG 220, 320, 422; SOC 271. |

Second Languages: Cree (∗21)

| Non-Education (≥18) | 1. ∗≥12 to ∗≥15 in Language/Linguistics chosen from NOS 100, 101, 320; NS 210, 211, 300, 352, 355, 400. | 2. Culture: ∗≥3 chosen from NS 200, 210, 211, 280, 300, 355, 390, 400. |

Second Languages: French (∗21)

| Non-Education (≥18) | 1. ∗≥12 to ∗≥15 in Language/Linguistics chosen from FREN 211, 212, 297 and 298, or 299, 25a, 35a, 371, 372, 456, 472, 478. | 2. ∗≥3 to ∗≥6 in Literature/Culture chosen from FREN 301, 311, 312, 313, 314, 315, 316, 333, 344, 366, 361, 364, 423, 442, 443, 445, 462, 463, 464, 465, 466, 467, 468, 469, 480. |

Second Languages: German (∗21)


Second Languages: Italian (∗21)

| Non-Education (≥18) | 1. ∗≥12 to ∗≥15 in Language/Linguistics chosen from ITAL 111, 112, 211, 212, 390, 393, 425. | 2. ∗≥3 to ∗≥6 in Literature/Culture chosen from ITAL 333, 340, 363, 375, 415, 419, 420. |

Second Languages: Japanese (∗21)


Second Languages: Mandarin (∗21)


Second Languages: Spanish (∗21)


Second Languages: Ukrainian (∗21)

| Non-Education (≥18) | 1. ∗≥12 to ∗≥15 in Language/Linguistics chosen from UKRAINIAN 101, 102, 201, 202, 250, 301, 302, 303, 304, 305, 401, 406, 408, 407, 411. | 2. ∗≥3 in Literature/Culture chosen from UKRAINIAN 333, 343, 351, 352, 404, 405, 460, 470, 475, 476, 480, 486, 487. |

Social Studies (∗18)

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

Introductory Professional Term (∗15)

| EDEL 321 or 330 (≥3); EDPY 301 (≥3); EDFX 325 (≥3); EDFX 326 (≥3); EDPS 310 (≥3) |

Education Core II (∗15) chosen from

| a. EDEL 305 (≥3); | 3. ≥3 EDEL 445. |
| b. EDEL 316 (≥3); | Note: EDEL 445 has a prerequisite of the Introductory Professional Term. |
| c. EDEL 321 (≥3) or 330 (≥3) | 2. ≥3 EDEL 420. |
| d. (≥6) chosen from EDEL 302, 325, or 335 | Note: EDPS 410 must be from the Minor (for the Special Education Minor, ∗≥3 must be from the Minor). |

Advanced Professional Term (∗15)

| ∗≥3 chosen from EDEL 302, 325, or 335; EDFX 425 (≥9) (Special Education minors must take EDFX 426 instead of EDFX 425); EDPS 410 (≥3) |

Minor Courses (∗18–21)

All Elementary Route students must select a Minor to help develop further competence in an area of school instruction, or integrate knowledge from several disciplines. Some Minors may be completed more efficiently by taking specific courses in the Preprofessional Year. Students should examine the specific course requirements of each Minor when considering their choices. Full-year courses should be taken during students’ first year in the Faculty of Education. Minors offered may vary each year. Minors currently offered are outlined in Education Chart 1.

Non-Education Courses (∗12–15)

Select any courses from outside the Faculty of Education.

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

Open Option (∗9)

Select any courses from any Faculty.

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

Secondary Education Route

75.4 General Information

The Secondary Education route includes 14 weeks of student teaching. 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.
Requirements for Major Teaching Subject in the Secondary Education Route

**Notes:**
- Students must take EDSE 452 and 453 during the Winter Term only.
- See overview of Career and Technology Studies majors and minors (75.4.3).
- Students must take EDSE 456 and 457 during the Winter Term only.
- See overview of Career and Technology Studies Majors and Minors (75.4.3).
- Students must take EDSE 460 and 461 during the Winter Term only.
- Notes (1) Introductory Business courses should be taken in the Preprofessional Year.
- (2) Mathematics 153, 160, 253, and 260 are not eligible Mathematics courses.
- (3) Students must take EDSE 443 and 443 during the Winter Term only. Students must take EDSE 442 and 442 during the fall term, which is normally offered in both the Fall and Winter Terms. Students must take EDSE 427 and 428 during the AP® which is normally offered in both the Fall and Winter Terms. Students who have not successfully completed MUSC 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**
1. Students in the Preprofessional Year should register in PHYS 112 or 113 and may also register in PHYS 109 from CLASS 102, C LIT 171, 172; LING 101, 102.
- Students must take PHYS 427 and 428 during the AP® which is normally offered in both the Fall and Winter Terms.

**General Sciences**
1. (a) Economics: One of ECON 101, 102
3. Courses in Biology are recommended.
4. Courses should be taken in the Preprofessional Year.
6. Courses must be taken in the practice of theatre
7. Students must contact the Department of Music to request a transfer to the Honours Placement Examination.
8. Students must contact the Department of Music to request for an audition during the student’s first year.
9. Students must contact the Department of Music to request for an audition during the student’s first year.
10. Students who have not successfully completed MUSC 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 Sciences**
1. Introductory Chemistry and Physics courses should be taken in the Preprofessional Year.
3. The nature of school sciences, courses in Biology are recommended.
**Second Languages: French (★36)**

1. **18 to 21 in Language Courses chosen from FREN 211, 212, 254, 297 and 298, 310, 354, 355, 454, 479.
3. **6 to 9 in Literature chosen from FREN 301, 311, 313, 314, 462, 463, 464, 465, 466, 467, 468, 470, 483.
4. **3 to 6 in Culture chosen from FREN 332, 315, 316, 371, 445.

**Second Languages: Japanese (★36)**

1. **18 to 21 in Language Courses chosen from JAPAN 101/102 or 150, 201, 202, 250, 301, 302, 318, 319, 341, 342, 350, 401, 402.
3. **3 to 6 in Literature chosen from JAPAN 231, 232, 415, 416, 419, 429, 431, 441, 460, 481.
4. **3 to 6 in Culture chosen from JAPAN 280, 475; EASA 290; HIST 381, 382, 480; JAPAN 240, 235, 300, 360; RELIG 343.

**Second Languages: Spanish (★36)**

2. **3 to 6 in Linguistics from SPAN 301, 305, 370, 371, 475, 476, 478.
3. **3 to 6 in Literature chosen from SPAN 321, 322, 335, 340, 446, 449, 450, 460.

**Second Languages: Italian (★36)**

1. **18 to 21 in Language Courses chosen from ITAL 111, 112, 211, 212, 219, 390, 393, 425.
2. **3 in Linguistics chosen from ITAL 81, 112, 210, 211, 314, 320, 341, 345, 346.
3. **6 to 9 in Literature chosen from ITAL 333, 363, 375, 415, 419, 420.

**Second Languages: Ukrainian (★36)**

1. **18 to 21 in Language Courses chosen from UKR 111, 112, 211, 212, 300 or 303 and 304, 301, 400, 403, 404, 406.
2. **3 to 6 in Linguistics from UKR 112, 320, SLAV 420, 421, UKR 407, 413.
3. **3 to 6 in Literature chosen from SLAV 468, 469; UKR 405, 410, 415, 422, 423, 473, 474, 475.

**Advanced Professional Term (★15)**

EDFX 450 [★6]  
EDSE 451 [★3]  

**Education Core II (★10)**

EDPS 410 [★3]

**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.

**Minor Courses (★18)**

Some Minors may be completed more efficiently by taking specific courses in the Preprofessional Year. Students should examine the specific course requirements of each Minor when considering their choices. Students should complete the remaining required courses for their Minor teaching subject as outlined in Education Chart 3.
**Education Chart 3: Requirements for Minor Teaching Subject in the Secondary Education Route**

**Art (Œ18)**
1. Œ3 ART 134
2. Œ3 DES 135
3. Œ6 chosen from ART H 101/102 or 206/256
4. *Œ15 Advanced Standing can be granted for relevant high school credits or courses.* Students must take EDSE 312 during the IPT*, which is normally offered in the Fall Term only.

**Biological Sciences (Œ18)**
1. Œ3 BIOL 107
2. Œ3 BIOL 108
3. Œ3 BIOL 207
4. Œ3 BIOL 208
5. Œ6 in Senior Biological Sciences

**Career and Technology Studies: Business and Technology (Œ18)**
1. Œ3 ACCTG 300, 311 or B Law 301
2. Œ3 CMPT 101, EDIT 424, 435, 485, 486, MIS 311, or other computer-related courses from CMPT, CMPT, EDIT, B LAW, MARK, ORG A or HECOL.

**Career and Technology Studies: Human Ecology (Œ18)**
1. Œ3  chosen from HECOL 200, 210, 211, 212, 310, 312, 314, 321
2. Œ3  chosen from HECOL 200, 210, 211, 212, 310, 312, 314
3. Œ6 NUTR 100.
4. Œ3  chosen from EDSE 200, 200, 232, 320, 374, or 375
5. Œ6 chosen from HECOL 150, 170, 250, 268, 353, 354, 380, 441, or 462

**Career and Technology Studies: Resources (Œ18)**
1. Œ6 chosen from AN SC 110, 200, 200, 200, 374
2. Œ6 chosen from BIOL 107, 108, 208, 260
3. Œ6 chosen from BOT 411, 204, 210, 240
4. Œ6 chosen from ENCS 201, 200, 235
5. Œ6 chosen from FOR 100, 101, 101, 110, 120, 200, 321
6. Œ6 chosen from ZOOL 224, 225, 241, 242, 301

**Chemistry (Œ18)**
1. Œ 5 CHEM 101/102
2. Œ 5 CHEM 101 or 261
3. Œ 5 CHEM 263
4. *Œ6 chosen from Biochemistry, Chemistry, Environmental Sciences (EAS, ENCS, ENV R, Phys), Physics.* Students must take EDSE 364 during the IPT*, which is normally offered in both the Fall and Winter Terms.

**Drama (Œ18)**
1. Œ3 DRAMA 102 or 103
2. Œ3 DRAMA 169 or 150 (with consent of the Department of Drama)
3. Œ3 DRAMA 247 or 240
4. Œ3 DRAMA 279 or 391 (with consent of the Department of Drama)

**Education as a Second Language (Œ18)**
1. Œ 5 Language Courses chosen from ANTHR 208, 212, 290, 300, LING 100, 101, 204, 205, 314, 316, 320.
2. Œ3 to Œ6 in Cultural Studies chosen from ANTHR 150, 151, 253, 255, 256, 425, 432, LING 324, MLCS 371, 471, 472; NS 100; POL 511; RELIG 101; SOC 101, 288, 388; or a language other than English
3. Œ3 to Œ6 chosen from EDPE 416, 418, 470 (Principles and Practice in Teaching ESL Learners).

**English Language Arts (Œ18)**
1. Œ 5 English chosen from 111, 112, 113, 114 or equivalent
2. Œ3 chosen from senior ENGL courses or Comparative Literature
3. Œ3 chosen from Comparative Literature, LIT 493, EDSE 429 or FS 205
4. Œ3 chosen from Linguistics, Writing, EDSE 430, ENGL 212, 299.

**General Sciences (Œ18)**
1. Œ3 BIOL 107/108
2. Œ3 CHEM 101/102
3. Œ6 PHYS 122/123 or 144/146.

**Health Education (Œ18)**
1. Œ 3 EDSE 465
2. Œ 3 HECOL 211
3. Œ6 chosen from HECOL 300, 321, or 322
4. Œ6 chosen from EDPE 404, 432, 442, EDSE 424; HECOL 200, 210, HE ED 110, 220, 320; INT D 410; or NUTR 100.

**Instructional Technology (Œ18)**
1. Œ3 chosen from EDTE 434, 480, 488, 489; EDSE 478 or any EDPY 497 offered by Instructional Technology group.
2. Œ3 chosen from appropriate courses in culture, media, computing and visual design offered in other Faculties as approved by the minor advisor.

**Mathematics (Œ18)**
1. Œ3 chosen from MATH 113 or 114
2. Œ3 MATH 120 or 125
3. Œ3 MATH 224
4. Œ3 MATH 241
5. Œ6 chosen from Mathematics, Computing Sciences, Statistics. STAT 141 is recommended.

**Music Choral (Œ18)**
1. Œ 3 MUSIC 101
2. Œ 3 MUSIC 155
3. Œ 3 MUSIC 156
4. Œ 3 MUSIC 230
5. Œ 3 MUSIC 315
6. Œ 3 MUSIC 417

**Native Education (Œ18)**
1. Œ 3 chosen from ANTHR 101, 150, 207, 208; LING 101, NS 210, 310; SOC 100 or 300, 101, 261, 368, 437.

**Physical Education (Œ18)**
1. Œ3 PEPS 294
2. Œ3 chosen from the six activity dimensions listed below. (Note: no more than 4.5 can be selected from any one dimension). A variety of courses outside personal level of expertise is recommended.

**Religious and Moral Education (Œ18)**
1. Œ3 CHRCH 250
2. Œ3 CCHRCH 381
3. Œ3 EDPS 456
4. Œ6 RELIG 101
5. Œ3 chosen from Philosophy, Religious Studies, St. Joseph’s College, or St. Stephen’s College.

**Second Languages: Arabic (Œ18)**
1. Œ3 in Language courses chosen from ARAB 111, 112, 211, 212.
2. Œ3 in Literature/Culture chosen from ARAB 469; HIST 117, 245; POL S 380, 477; RELIG 220, 320, 322, 422.

**Second Languages: Cree (Œ18)**
1. Œ3 to Œ5 in Language courses chosen from NS 105, 152, 153, 252, 253.
2. Œ3 to Œ5 in Cultural courses chosen from NS 292, 294, 297 recommended.

**Second Languages: French (Œ18)**
1. Œ3 to Œ5 in Language courses chosen from FREN 211, 212, 297 and 298, 298, 310, 355, 357, 371, 454, 479.

**Second Languages: German (Œ18)**
1. Œ3 to Œ5 in Language courses chosen from GERMAN 111, 111, 211, 212, 303, 304, 306, 309, 316, 317, 402, 404, 405, 409, 416, 417, 441, 443, 444, 492.
2. Œ3 to Œ5 in Literature/Culture chosen from GERM 333, 334, 351, 352, 425, 434, 460, 470, 475, 476, 480, 485, 486.

**Second Languages: Italian (Œ18)**
1. Œ3 to Œ5 in Language/Linguistics courses chosen from ITAL 111, 112, 211, 212, 380, 393, 425.
Education Chart 3  Requirements for Minor Teaching Subject in the Secondary Education Route (cont’d)

2. *3 to *6 in Literature/Culture chosen from ITAL 333, 340, 363, 375, 415, 419, 420. Students must take EDSE 368 during the IPT, which is normally offered in both the Fall and Winter Terms. 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: Japanese (**) (18)
Students must take EDSE 368 during the IPT, which is normally offered in both the Fall and Winter Terms. 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: Spanish (**) (18)

Students must take EDSE 368 during the IPT, which is normally offered in both the Fall and Winter Terms. 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 both the Fall and Winter Terms. Notes (1) CHINA 101/102 should be taken in the Preprofessional Year. (2) Students whose major is also a Second Language should consult an advisor in the Department of Secondary Education before registering in EDSE 368.

Social Studies (**) (18)
1. *3 in Canadian Studies chosen from HIST 260, 261, POL S 221.
3. *6 in Cultural Studies chosen from Anthropology, Native Studies, Religious Studies, Sociology, EAS 192, 293, 294. Students must take EDSE 373 during the IPT, which is normally offered in both the Fall and Winter Terms.

Second Languages: Ukrainian (**) (18)
1. *12 to *15 in Language courses chosen from UKR 111, 112, 211, 212, 300 or 303 and 304, 301, 400, 403, 404, 406, 407, 411.
2. *3 to *6 in Literature/Culture chosen from SLAV 468, 469, UKR 327, 405, 410, 415, 422, 423, 469, 473, 474, 475.
Students must take EDSE 368 during the IPT, which is normally offered in both the Fall and Winter Terms. 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.

(10) Non-Education Options (**) (9)
Select any courses from outside the Faculty of Education. Students should enrol in courses that develop additional strengths for classroom teaching. Course related to the teaching Major, Minor, or other subjects of study in secondary schools are recommended.

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

75.4.3 Career and Technology Studies
Career and Technology Studies (CTS) is a comprehensive 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 following lists Journeyman or Red Seal Certification eligible for advanced standing relating to these CTS Strands:

CTS Strand
Journeyman or Red Seal Certification

Agriculture
Landscape Gardener

Construction
Bricklayer, Carpenter

Electro-Technologies
Appliance Service Technician, Electrical Rewind Mechanic, Electrician, Electronic Technician, Power System Electrician

Fabrication
Boilermaker, Cabinetmaker, Gasfitter, Glazier, Machinist, Millwright, Sheet Metal Worker, Steamfitter-Pipefitter, Structural Steel and Plate Fitter, Tool and Die Maker, Welder

Foods
Baker, Cook

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

75.5 BA (Native Studies)/BEd Five-Year Combined Degrees
These degree programs consist of *150 overall. The first three years (**) (90) are taken in the School of Native Studies (see §123.2) and the last two years (**) (60) are taken in the Faculty of Education.

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

<table>
<thead>
<tr>
<th>Year 4 (**) (30)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Introductory Professional Term (**) (115)</td>
</tr>
<tr>
<td>1. EDFX 350 (**) (3)</td>
</tr>
<tr>
<td>2. EDPS 319 (**) (3)</td>
</tr>
<tr>
<td>3. EDPS 310 (**) (3)</td>
</tr>
<tr>
<td>4. EDPS 303 (**) (3)</td>
</tr>
<tr>
<td>5. EDSE 3XX (**) (3)</td>
</tr>
<tr>
<td>6. Native Studies options (**) (6): 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 §123.12(5)]</td>
</tr>
</tbody>
</table>
Year 5 (≈30)

Advanced Professional Term (≈15)
1. EDFX 450 (≈6)
2. EDSE 451 (≈3)
3. EDSE 4XX (≈3)
4. EDSE 4XY (≈3)
5. EDPS 410 (≈3)
6. Education options (≈6): choose any courses from the Faculty of Education
7. Native Studies option (≈3): choose any NS course at the 400-level
8. Humanities and Fine Arts (≈3): choose any course from the 200-level or above [see §123.1.2(3) and (6)]

Notes
(1) Program Requirements (≈150)
Education Core (≈45)
Native Studies Core (≈36)
Common Major (≈45)
Teaching Minor (≈18)
Options (≈6)
(2) Native Studies Core (≈36)
Computing (≈3)
English (≈6)
Fine Arts or Humanities 2XX/3XX/4XX (≈6)
Humanities 1XX (≈6)
Natural Science 1XX (≈6)
Social Science 1XX (≈6)
Social Science 2XX/3XX/4XX (≈6)

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

Year 4 (≈30)

Introductory Professional Term (≈15)
1. EDFX 350 (≈3)
2. EDPS 310 (≈3)
3. EDPY 301 (≈3)
4. EDPY 303 (≈3)
5. EDPS 3XX (≈3)
6. Education Major (≈6): choose courses from the specified Teaching Major
7. Native Studies option (≈3): choose any Native Studies course at the 400-level
8. Native Education Minor (≈3): choose EDPS 432 or 474
9. Fine Arts or Humanities (≈6): choose any course at the 200-level or higher [see §123.1.2(3) and (6)]

Year 5 (≈30)

Advanced Professional Term (≈15)
1. EDFX 450 (≈6)
2. EDSE 451 (≈3)
3. EDSE 4XX (≈3)
4. EDSE 4XY (≈3)
5. EDPS 410 (≈3)
6. Education Major (≈6): choose courses from the specified Teaching Major
7. Native Studies option (≈6): choose any Native Studies course at the 400-level

Notes
(1) Program Requirements (≈150)
Education Core (≈45) Native Studies Core (≈33) (Native Studies Major (≈36)
(2) Native Studies Core (≈33)
Computing (≈3)
English (≈6)
Fine Arts or Humanities 2XX/3XX/4XX (≈6)
Humanities 1XX (≈6)
Natural Science 1XX (≈6)
Social Science 1XX (≈6)
Social Science 2XX/3XX/4XX (≈6)

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

Year 4 (≈30)

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

Introductory Professional Term (≈15)
4. EDFX 325 (≈3)
5. EDPS 310 (≈3)
6. EDPY 301 (≈3)
7. EDPY 303 (≈3)
8. EDEL 321 (≈3) or EDEL 330 (≈3)

Year 5 (≈30)

Education Core II (≈15)
(Prerequisite - Introductory Professional Term)
1. EDEL 305 (≈3);
2. EDEL 316 (≈3);
3. EDEL 321 (≈3) or 330 (≈3)
4. ≈6 chosen from EDEL 302, 325, or 335

Note: EDEL 305, 316, 321, and 330 are not offered in the Advanced Professional Term.

Advanced Professional Term (≈15)
(Prerequisite IPT, Ed Core II (≈15)
5. (≈3) chosen from EDEL 302, 325, or 335;
6. EDFX 425 (9 weeks) (≈9)
7. EDPS 410 (≈3)

Notes
(1) Program advice should be obtained from both Education and Native Studies.
(2) Program Requirements (≈150)
Education Core (≈60)
Native Studies Core (≈51)
Minor (≈18)
Options (≈21)
(3) Courses in the IPT should be taken prior to Education Core II. Education Core II should be taken prior to the APT.
(4) Students enrolled in a Professional Term cannot exceed ≈15 maximum course load.
(5) Students in this program select one of the following minors: Second Languages/ Cree, Native Studies, Intercultural Education, or Social Studies.
(6) Students with Cree as a minor must complete NS 152, 252, and 352 before Year 4.

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

75.6.1 General Information

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

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

**Biological Sciences:** Biochemistry, Botany, Biology, Entomology, Genetics, Microbiology, Pharmacology, Physiology, Zoology.

**Physical Sciences:** Astronomy, Biochemistry, Chemistry, Geophysics, Mathematical Physics, Physics.


Students apply to the Faculty of Science for admission to the Combined Degrees Program and spend the first two years of the five-year program registered in the Faculty of Science. (See §§15.6.2 and 183.1.6).
## Education Chart 4: Requirements for the BEd/BSc (Specialization in Science and Education) Degree Majors and Minors

### Core Program Requirements

**Education:** 2 credits

**Major:** 44 credits

**Minor:** 27 credits

100-level: 36 credits (Maximum 42 credits)

**Graduation Requirements:**

- GPA of 2.3 on all courses
- GPA of 2.7 on Major courses

### Area "B"


### Area "C"

- ASTRO 320, 322, any 300-level

### CHEM or PHYS 301

- ASTRO 320, 322, any 300-level

### Area "C"

- 200, SOC 462, WST 350

### Area "B"

- 317, 375, PHYS 212, 213, STS 397, 398, 496, PHIL 217, 265, 294, HIST 294, 391, 394, 396, BIOL 315, CHRTC 352, CLASS

### Area "A"

- MATH 113 or 114

### GPA of 2.7 on all courses

### GPA of 2.3 on all courses

### Graduation Requirements:

- 100-level: 39 credits (Maximum 42 credits)
- Major: 45 credits
- Education: 45 credits

### Core Program Requirements

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

<table>
<thead>
<tr>
<th>Year 1 (30)</th>
<th>Year 2 (30)</th>
<th>Year 3 (30)</th>
<th>Year 4 (30)</th>
<th>Year 5 (30)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. BIOL 107, 108</td>
<td>1. BIOL 207, 208</td>
<td>1. CHEM 261, 263</td>
<td>1. EDFX 350</td>
<td>1. EDPS 410</td>
</tr>
<tr>
<td>2. CHEM 101, 102</td>
<td>2. CHEM 261, 263</td>
<td>2. EDU 250</td>
<td>2. EDPS 310</td>
<td>2. *6 in Biological Sciences at the 300- or 400-level</td>
</tr>
<tr>
<td>3. MATH 113 or 114</td>
<td>3. EDU 250</td>
<td>3. MATH 215 or 241</td>
<td>3. EDPS 303</td>
<td>3. *3 Arts Option</td>
</tr>
<tr>
<td>5. CHEM 212, 213, STS 200</td>
<td>5. CHEM 212, 213, STS 200</td>
<td>5. CHEM 212, 213, STS 200</td>
<td>5. EDSE 352</td>
<td>5. *2 Science Option</td>
</tr>
<tr>
<td>7. PHYS 212, 213</td>
<td>7. PHYS 212, 213</td>
<td>7. PHYS 212, 213</td>
<td>7. EDSE 460</td>
<td>7. Area &quot;C&quot;</td>
</tr>
</tbody>
</table>

### Notes:

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

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

<table>
<thead>
<tr>
<th>Year 1 (30)</th>
<th>Year 2 (30)</th>
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</tr>
<tr>
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<td>2. EDU 250</td>
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<td></td>
</tr>
<tr>
<td>3. MATH 113 or 114</td>
<td>3. MATH 215 or 241</td>
<td>3. EDPS 303</td>
<td>3. *3 Arts Option</td>
<td></td>
</tr>
<tr>
<td>4. MATH 214</td>
<td>4. MATH 228</td>
<td>4. EDFX 350</td>
<td>4. *5 Non-Education Option</td>
<td></td>
</tr>
<tr>
<td>5. CHEM 212, 213, STS 200</td>
<td>5. CHEM 212, 213, STS 200</td>
<td>5. CHEM 212, 213, STS 200</td>
<td>5. EDSE 352</td>
<td>5. *2 Science Option</td>
</tr>
<tr>
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<td>7. PHYS 212, 213</td>
<td>7. PHYS 212, 213</td>
<td>7. EDSE 460</td>
<td>7. Area &quot;C&quot;</td>
</tr>
</tbody>
</table>

### Notes:

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

### Educational Sciences Major (150 credits)

<table>
<thead>
<tr>
<th>Year 1 (30)</th>
<th>Year 2 (30)</th>
<th>Year 3 (30)</th>
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</tr>
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<tbody>
<tr>
<td>1. BIOL 107, 108</td>
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</tr>
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<td>2. CHEM 101, 102</td>
<td>2. EDU 250</td>
<td>2. EDPS 310</td>
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<td></td>
</tr>
<tr>
<td>3. MATH 113 or 114</td>
<td>3. MATH 215 or 241</td>
<td>3. EDPS 303</td>
<td>3. *3 Arts Option</td>
<td></td>
</tr>
<tr>
<td>4. MATH 214</td>
<td>4. MATH 228</td>
<td>4. EDFX 350</td>
<td>4. *5 Non-Education Option</td>
<td></td>
</tr>
<tr>
<td>5. CHEM 212, 213, STS 200</td>
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<td>5. CHEM 212, 213, STS 200</td>
<td>5. EDSE 352</td>
<td>5. *2 Science Option</td>
</tr>
<tr>
<td>7. PHYS 212, 213</td>
<td>7. PHYS 212, 213</td>
<td>7. PHYS 212, 213</td>
<td>7. EDSE 460</td>
<td>7. Area &quot;C&quot;</td>
</tr>
</tbody>
</table>

### Notes:

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

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

**Core Program Requirements**  
Education: 45  
Mathematical Sciences Major/Biological Sciences Minor: 150

<table>
<thead>
<tr>
<th>Year 1 (30)</th>
<th>Year 2 (30)</th>
<th>Year 3 (30)</th>
<th>Year 4 (30)</th>
<th>Year 5 (30)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. BIOL 107, 108</td>
<td>1. BIOL 207, 208</td>
<td>1. EDFX 350</td>
<td>1. EDFX 450</td>
<td>1. EDPS 410</td>
</tr>
<tr>
<td>2. CHEM 101, 161</td>
<td>2. BIOC 200</td>
<td>2. EDPS 310</td>
<td>2. EDPS 451</td>
<td>2. EDPS 437</td>
</tr>
<tr>
<td>3. <em>6</em> Junior English</td>
<td>3. CMPUT 101 or 114</td>
<td>3. EDPS 301</td>
<td>3. EDPS 452</td>
<td>3. EDPS 438</td>
</tr>
<tr>
<td>4. MATH 113 or 114</td>
<td>4. EDU 250</td>
<td>4. EDPS 303</td>
<td>4. EDPS 453</td>
<td>4. MDST 101</td>
</tr>
<tr>
<td>5. <em>6</em> chosen from MATH</td>
<td>5. EDPS 301</td>
<td>5. EDSE 337</td>
<td>5. MDST 451</td>
<td>5. Minor (6)</td>
</tr>
<tr>
<td>7. <em>6</em> in Biology</td>
<td>7. <em>3</em> in Biological Sciences at the 200-, 300- or 400-level</td>
<td>7. <em>3</em> in Mathematical Sciences at the 200-level</td>
<td>7. <em>6</em> Education Options</td>
<td>7. <em>6</em> Education Options</td>
</tr>
</tbody>
</table>

**Area “B”**  
*6* to be chosen from BIOL 315, CHRTC 352, CLASS 294, HIST 294, 391, 394, 395, 396, 398, 406, PHYS 217, 215, 317, 375, PHYS 212, 213, STS 200, 261, SOC 426, WST 350

**Area “C”**  
ASTRO 320, 322, Chemistry at the 300 or 400 level, Physics at the 300 or 400 level.

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

**Core Program Requirements**  
Education: 45  
Mathematical Sciences Major/Biological Sciences Minor: 150

<table>
<thead>
<tr>
<th>Year 1 (30)</th>
<th>Year 2 (30)</th>
<th>Year 3 (30)</th>
<th>Year 4 (30)</th>
<th>Year 5 (30)</th>
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<tr>
<td>2. CHEM 101, 161</td>
<td>2. BIOC 200</td>
<td>2. EDPS 310</td>
<td>2. EDPS 451</td>
<td>2. EDPS 437</td>
</tr>
<tr>
<td>3. <em>6</em> Junior English</td>
<td>3. CMPUT 101 or 114</td>
<td>3. EDPS 301</td>
<td>3. EDPS 452</td>
<td>3. EDPS 438</td>
</tr>
<tr>
<td>4. MATH 113 or 114</td>
<td>4. EDU 250</td>
<td>4. EDPS 303</td>
<td>4. EDPS 453</td>
<td>4. Minor (6)</td>
</tr>
<tr>
<td>5. <em>6</em> chosen from MATH</td>
<td>5. EDPS 301</td>
<td>5. EDSE 337</td>
<td>5. <em>3</em> in Biological Sciences at the 200-, 300- or 400-level</td>
<td>5. Minor (6)</td>
</tr>
<tr>
<td>7. <em>6</em> Arts Options</td>
<td>7. <em>3</em> in Biological Sciences at the 200-level</td>
<td>7. <em>6</em> Arts Options</td>
<td>7. <em>6</em> in Biological Sciences at the 200-, 300- or 400-level</td>
<td>7. <em>6</em> Arts Options</td>
</tr>
</tbody>
</table>

**Area “B”**  
*6* to be chosen from MATH 208, 212, 215, 301, 317, 375, PHYS 212, 213, STS 200, 261, SOC 426, WST 350

**Area “C”**  
ASTRO 320, 322, Chemistry at the 300 or 400 level, Physics at the 300 or 400 level.

### BMus/BEd Five-Year Combined Degrees

This degree program consists of *162* overall. The first three years (*90*) are taken in the Faculty of Arts (see §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. EDPS 301 (**3**)
4. EDPS 303 (**3**)
5. EDSE 3XX (**3**)

**Advanced Professional Term (15)**  
1. EDFX 450 (**6**)
2. EDPS 410 (**6**)
3. EDSE 444 (**3**)
4. EDSE 451 (**3**)

**Year 5 (33)**  
1. *3* chosen from MUSIC 220 or 230
2. *3* chosen from MUSIC 440 or 441
3. *3* chosen from one of MUSIC 313, 314, or 365
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. EDPS 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.
75.8 BPE/BEd (Secondary Route) Combined Degrees

75.8.1 General Information

See also §153.4.

The Bachelor of Physical Education/Bachelor of Education Combined Degrees program consists of 159 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 §153.4 for detailed admission requirements and procedures for entry to Year 4 of this Combined Degrees Program.

75.8.2 Program Requirements (Secondary Route)

Year 4 (★30)

Introductory Professional Term (★15)
1. EDFX 350 (★3)
2. EDSE 432 (★3)
3. EDSE 433 (★3)
4. EDPY 301 (★3)
5. EDPS 310 (★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.

Year 5 (★30)

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

Years 4 and 5 combined total: 117.

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

75.9.1 General Information

This degree program consists of 159 overall. The first three years (★90) are taken in the Faculty of Physical Education and Recreation (see §153.4) and the last two years (★60) are taken in the Faculty of Education.

75.9.2 Program Requirements

Year 4 (★30)

Introductory Professional Term (★15)
1. EDEL 321 or 330 (★3)
2. EDFX 325 (★3)
3. EDPS 310 (★3)
4. EDPY 301 (★3)
5. EDPS 303 (★3)

Education Core II: (★15)
1. EDEL 305 (★3)
2. EDEL 316 (★3)
3. EDEL 321 (★3) or 330 (★3)
4. (★6) chosen from EDEL 302, 325, or 335

Note: EDEL 305, 316, 321, and 330 are not offered in the Advanced Professional Term.

Year 5 (★30)

Advanced Professional Term (★15)
1. (★3) chosen from EDEL 302, 325, or 335
2. EDFX 425 (★9)
3. EDPS 410 (★3)
4. EDEL 420 (★3)
5. DAC/PAC Activity Course (★3)
6. PEDS option (★3): choose any course at the 300- or 400-level
7. Education options (★6): choose any courses from the Faculty of Education

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

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

75.10.1 General Information

(See also §151.6)

The Bachelor of Science in Human Ecology/Bachelor of Education (Secondary) Combined Degrees program provides a five-year integrated program of 150. 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 Bachelor of 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 §153.4 for detailed admission requirements and procedures for entry to Year 4 of this Combined Degrees Program.

75.10.2 Program Requirements

Year 4 (★30)

Introductory Professional Term
1. EDFX 350 (★3)
2. EDPS 310 (★3)
3. EDPY 301 (★3)
4. EDPY 303 (★3)
5. EDPS 303 (★3)
6. EDSE 3XX (★3)
7. Education Option (★3)
8. Minor (★6)
9. ★6 from HECOL, NU FS or NUTR

Year 5 (★30)

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

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

75.11 Collaborative BEd Degree Completion Program with Red Deer College

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

75.12 Collaborative BEd Degree Completion Program with Grande Prairie Regional College

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

76.1 Program Requirements

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

76.1.1 Adult Education Route (**60)

General Information

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

The Adult Education Route will not qualify for Teacher Certification.

Time Limit for Completing the Adult Education Route BEd Degree.

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

Advanced Standing (**30)

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

(1) Adult Education Courses (**18)

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

(2) Education General (**12)

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

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

76.1.2 Elementary Education Route (**60)

(1) Education Core I (**6)

EDPY 200 (**3)
EDU 250 (**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 §75.3.2 for detailed descriptions of the Elements.

76.1.3 Secondary Education Route (**60)

(1) Introductory Professional Term (**15)

EDFX 350 (**3) EDPY 301 (**3)
EDPS 310 (**3) EDPY 303 (**3)
EDPY 301 (**3)

(2) Advanced Professional Term (**15)

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

(3) Education Core (**15)

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

Education Option (**6): choose any course offered by the faculty of Education

(a) Enrichment Term (**15)

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

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

76.2 Advanced Study in Education

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

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

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

76.2.2 Diploma of the Faculty of Education

The Faculty of Education offers a series of diploma programs to provide 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 §73.9.

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**
(Chair: LM McDonald)
- Inclusive/Special Education
- Instructional Technology
- Teaching English as a Second Language

**Department of Educational Policy Studies**
(Chair: SP Norris)
- Adult Education
- Education Administration
- Postsecondary Education

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

**Department of Secondary Education**
(Chair: TR Carson)
- 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.

76.2.3 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**: adult education; educational administration and leadership; indigenous peoples education; and theoretical, cultural and international studies in 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 pattern their 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 §195.

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.

77 Courses

Faculty of Education courses are listed in §221, 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)

78 School of Library and Information Studies

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

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

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

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

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

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

79 Employment with Catholic School Boards

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