Faculty of Education

60 The Faculty of Education

60.1 The Faculty of Education

60.1.1 Teaching and Scholarship

60.1.2 Members of the Faculty

60.2 General Information

60.2.1 Student Organizations

60.3 Faculty Regulations

60.3.1 Speech Competency

60.3.2 Registration Requirements

60.3.3 Student Advising

60.3.4 Academic Standing and Promotional Standards

60.3.5 Appeals

60.3.6 Reexamination

60.3.7 Graduation

60.3.8 Special Faculty Regulations

60.3.9 Teaching Certification

60.4 Professional Standards

60.4.1 Criminal Record Check

60.4.2 Field Experience Placements, Professional Practice and the Public Interest

60.5 Programs of Study

60.5.1 Degree of BEd

60.5.2 Adult Education Route

60.5.3 Elementary Education Route

60.5.4 Secondary Education Route

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

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

60.5.7 BMus/BEd Five-Year Combined Degrees

60.5.8 BPE/BEd (Secondary Route) Combined Degrees

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

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

60.5.11 Collaborative BEd Degree Completion Program with Red Deer College

60.5.12 Collaborative BEd Degree Completion Program with Grande Prairie Regional College

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

60.5.14 BEd Program for Certificated Teachers

60.6 Bachelor of Education Programs for Holders of Approved Degrees

60.6.1 Program Requirements

60.6.2 Advanced Study in Education

60.7 Courses

60.8 School of Library and Information Studies

60.9 Employment with Catholic School Boards

Historical Overview

Over more than eighty years, the Faculty of Education has evolved from a few discipline-oriented courses in Education offered by the Faculty of Arts and Science into one of the largest and strongest Faculties of Education in the country. The first education course, covering both the history and philosophy of education, was approved in 1911 and first offered in 1912. In 1928, the School of Education was created under the administration of the Faculty of Arts and Science. It opened the following year with an enrollment 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
Teaching, Research, and Community Service

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

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

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

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

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

Students entering the Faculty of Education will join a community with a strong tradition of teaching and research excellence and dedicated community service.
Administrative Officers
GD Kendal, BA (Director, Enrolment Management)
P Thorbourne, BBusAdmin (Director, Undergraduate Student Services)
M Waddworth, BA

Educational Policy Studies
Professor and Chair
SP Norris, PhD

Professors
J Frit, PhD
ML Haughhey, PhD
HL Hodysh, PhD
WG Maynes, PhD
D Neu, PhD
JF Peters, PhD
GD Taylor, PhD
SH Toh, PhD
DG Wanger, PhD
MP Wilson, PhD
B Young, PhD

Associate Professors
PA Brook, EdD
JL daCorta, PhD
JL Kazmier, PhD
C Kreber, PhD
DA Mappin, PhD
SL Wilson, PhD

Assistant Professors
AA Abdi, PhD
TJ Fenwick, PhD
R Foster, PhD
AP Grace, PhD
J Kelly, PhD
A Taylor, EdD
J Wallace, PhD
C Weber-Pillsworth, PhD

Adjunct Professors
P Cookson, PhD
A Einsiedel, PhD
B Medicine, PhD
R Morrow, PhD
W Shillington, PhD

Associate Professors
V Cawagas, EdD
E Narayimwin, PhD
D Haughhey, PhD
T Hollinn, PhD
D Kapoor, PhD
X MA, PhD
B Pickard, PhD
A Richardson, PhD
S Siles, BEd
H Wyon, PhD

Adjunct Assistant Professors
M Panergras, PhD
P Quinn, PhD
N Yanitski, EdD

Administrative Officer
B Shokai, BEd

Educational Psychology
Professor and Chair
LMD MacDonald, PhD

Professors
MA Bibby, PhD
JA Cameron, PhD
TM Derwing, PhD
GC Hess, PhD
HL Janzen, PhD
J Laput, PhD
TC Montegomery, PhD

CA Norman, PhD
LA Papillo, PhD
BL Paulson, PhD
WT Rogers, PhD
RH Short, PhD
FD Snart, PhD
RJ Sobey, EdD
LL Stewart, PhD
M Szabo, PhD
LR Wilgosh, PhD
PW Wright, PhD

Associate Professors
BD Everall, PhD
RH Freder, PhD
MJ Griel, PhD
JS Goldberg, PhD
X Ma, PhD
DA Mappin, PhD
RK Parrila, PhD
L Ranta, PhD
D Truscott, PhD

Associate Professors
M Carbonaro, PhD
J Leighton, PhD
N Merali, PhD
CM Rinaldi, PhD
W Whitton, PhD

Adjunct Professors
CA Blackmo, MD
CE Cumming, PhD
GR Lefrancois, PhD
H Nadili, PhD
R Randhua, PhD
DWE Reid, MD

Adjunct Associate Professors
J Drummond, PhD
J Evans, PhD
L Jones, MEd
S Machichi, PhD
G Miller, PhD

Adjunct Assistant Professors
N Brodie, PhD
D Brown, PhD
G Buck, PhD
S Carter, PhD
D Constable, PhD
C Diachuk, PhD
R Frenzel, PhD
D Harley, PhD
S Knish, PhD
K Kovach, PhD
S Mackenzie-King, PhD
D Massey, PhD
V Massey, PhD
G Matazow, PhD
B McKenzie, PhD
J Monch, PhD
C Paniak, PhD
W Penner, PhD
L Schirer, PhD
R Sela, PhD
J Snee, PhD
G Stewart, PhD
K Stewart, PhD
S Vahagen, PhD

Administrative Officer
L Southom

Elementary Education
Professor and Chair
DJ Oberg, PhD

Professors
JN Bainbridge, EdD
DJ Clandinin, PhD
RL de Frece, DMA
HL Elu, EdD
GJ Fishburne, PhD
BJ Gustafson, PhD
HW Hodysh, PhD
RK Jackson, PhD
RA McKay, PhD
LM Phillips, PhD
PM Rottel, PhD
KJ Wilson, PhD

Associate Professors
HS Blair, PhD
M Emele, EdD
SE Gibson, PhD
LM Gordon, PhD
CA LeRoy, PhD
JA McCay, PhD
AP Montgomery, DMusEd

Assistant Professors
J Branch, PhD
G Cooley, PhD
CA Hickson, Med
A Iwco, PhD
L Laidlaw, PhD
A von Heyking, PhD
J WU, PhD

Adjunct Professors
S Jamison, PhD
S Lynch, PhD
H Pearse, PhD

Adjunct Associate Professors
D Erickson, EdD
M Stevenson, PhD

Administrative Officer
WA Killfak, BA

School of Library and Information Studies
Professor and Director
A Schroder, PhD

Professor
HA Olson, PhD

Associate Professors
AE Altman, DA
M Mackey, PhD
AHE Samel, PhD
DB Ward, PhD

Assistant Professors
LM Green, MLS
HE Julien, PhD

Adjunct Professor
D Oberg, PhD

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

Secondary Education
Professor and Chair
TR Carson, PhD

Professors
LS Beauchamp, EdD
QSE Bilash, PhD
MA Daher, PhD
ML Iwson, PhD
JG Jagodzinski, PhD
JB Parsons, PhD
DJ Pimm, PhD
DG Smith, DPhil
SD Ubelacker, PhD
MJJ van Manen, PhD

Associate Professors
GH Buck, PhD
BA Davis, PhD
TJ Dunt, DMusEd
I Johnston, PhD
NE Melnychuk, PhD
RM Necente, EdD
ESM Simms, PhD
D Sumara, PhD

Assistant Professors
D Geelan, PhD
GW Richardson, PhD

Adjunct Professor
R Palmer, PhD

Adjunct Associate Professors
A Altman, PhD
H Jenkins, PhD
H Olson, PhD
R Ritter, PhD

Adjunct Assistant Professors
D Binder, PhD
J Crawford, EdD
T Fenwick, PhD
P Gregor, MEd
M Mackey, PhD
M Varic, MEd

Administrative Officer
C Champagne, MA

Division of Technology in Education
Coordinator
GD Kendal, BA
Faculty Service Officer
H Hoekstra, MEd

Educational Centres and Services
Canadian Centre for Advanced Studies of National Databases Director
Xin Ma, PhD

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

Centre for Research on Literacy Director
LM Phillips, PhD

Centre for Research in Teacher Education and Development Director
DJ Clandinin, PhD

Child Study Centre Director
TBA

Clinical Services Director
CD Janzen, PhD

Curriculum and Pedagogy Institute Director
MJJ van Manen, PhD

Hope Foundation of Alberta Director
TBA

Imperial Oil National Centre for Mathematics, Science and Technology Education Director
D Pimm, PhD

JP Das Development Disabilities Centre Director
RJ Sobey, EdD

Western Canadian Centre for Studies in Deafness Director
TBA

Additional Members of Faculty Council
President and Vice-Chancellor
R Fraser, PhD

Agriculture, Forestry, and Home Economics
L Campbell, MSc

Arts
J Bizan

Business
B Scholnick, PhD

Extension
R Berman

Faculté Saint-Jean

P Dalley

Nursing
A Neufeld

Physical Education and Recreation
B Nielsen

Rehabilitation Medicine
L Taylor

Science
G Chambers, PhD

Herbert T Coutts Library
J Tong

Alberta Learning
F Burghardt

Alberta Teachers’ Association
D Stanley

Education Students’ Association
C Beamish

Graduate Students’ Association
D Stanley

Sessional representatives
S Materi

Non-academic staff representatives
N Smiley

Representatives
Faculty Association of Alberta

Faculty of Arts

One academic staff in Category A, one from another discipline
Two students, School of Library and Information Studies

Additional Members of School of Library and Information Studies Council
President and Vice-Chancellor
R Fraser, PhD

Dean, Faculty of Education
L Beauchamp, EdD
62 General Information

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

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

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

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

62.1 Student Organizations

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

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

63 Faculty Regulations

63.1 Speech Competency

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

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

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

(3) Speech competence is a prerequisite for enrolment in Field Experience courses. Students who have not achieved the necessary level of competence may not register for these courses.

63.2 Registration Requirements

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

(1) Course Load: The normal full course load for the Bachelor of Education; Bachelor of Education (After Degree); Bachelor of Arts (Native Studies)/Bachelor of Education Combined Degrees Program; Bachelor of Music/Bachelor of Education Combined Degrees; Bachelor of Physical Education/Bachelor of Education (Elementary) (Secondary) Combined Degrees Program; Bachelor of Science in Human Ecology/Bachelor of Education Combined Degrees Program each term of Fall/Winter is ≥15.

Permission to take more than ≥15 each term may be granted under special circumstances. Students should contact the Undergraduate Student Services Office for more information.

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

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

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

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

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

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

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

(3) Normally, no more than ≥62 at the 100-level are permitted in the combined program.

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

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

63.2.3 Field Experience Courses (Student Teaching)

The Assistant 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 Assistant Dean (Field Experiences) has reasonable grounds to believe that this is necessary in order to protect the Public Interest. Refer to §23.8.2 and §87 of the GFC Policy Manual for additional information.

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

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

(3) Because of the intensity of the workload during student teaching, and the expectation of the schools for full involvement, students must not exceed the ≥15 maximum or register in any evening courses while enrolled in 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 Handbook online at www.education.ualberta.ca/ed/UndDegProg before the beginning of each EDFX course. This handbook provides specific information about student teaching and outlines what is expected of student teachers.

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 Assistant 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 200, 475/476 are not normally offered during Spring/Summer.

63.2.4 Important Dates - Field Experiences

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

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

- On-campus courses except EDEL 300: End of Week 6 of Classes
- EDEL 300: End of Week 4 of Classes
- EDFX 325: End of Week 3 of Placement

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

- On-campus courses: End of Week 2 of Classes
- EDFX 425 or 426: End of Week 6 of Placement

(4) **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

(5) **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

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

63.3 Student Advising

**Undergraduate Student Services (USS)**

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

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

**Associate Dean (Teacher Education)**

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

**Associate Dean (Field Experiences)**

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

**63.4 Academic Standing and Promotional Standards**

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

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

See §§23.4(6) and 233.9.2 for information on the calculation of GPA’s and the academic record. The GPA is printed on the official transcript and the Statement of Results issued after each Fall/Winter or Spring/Summer period.

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

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

(2) **Categories of Academic Standing:**

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

- **Satisfactory Standing:** Students with a GPA of 2.0 or greater are considered to be in Satisfactory Standing and may continue in the program.
- **Marginal Standing—Academic Warning:** Students with a GPA of 1.7 to 1.9 inclusive are considered to be in Marginal Standing and may be permitted to continue on Academic Warning.
- **Unsatisfactory Standing—Required to Withdraw:** Students with a GPA of 1.6 or less, or students who have been assigned Marginal Standing on two occasions (not necessarily consecutively) while registered in the Faculty, are considered to be in Unsatisfactory Standing and are required to withdraw from the Faculty.

**63.4.2 Marginal Standing—Academic Warning**

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

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

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

b. A student on Academic Warning must maintain a GPA of at least 2.0 for each full session in which the student is enrolled.
(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 will require a Fall/Winter Grade Point Average (GPA) of at least 2.4 at another postsecondary institution. Students with a GPA of between 1.3 and 1.6 may be permitted to continue at the University of Alberta in the Fresh Start program to complete the 2.4 providing they have not previously been on Academic Warning or probation, or have been required to Withdraw, from any postsecondary program. The Director of Student Support will determine whether to recommend a student for participation in the program and will notify the student of that option. Further detailed information can be found in §§14.5, 23.6.2, and 190.3.

d. 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.

e. 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.

(3) **Readmission After Required to Withdraw**

a. A student required to withdraw must apply and compete for readmission to the Faculty of Education after completing a minimum of 24 transferable to the University of Alberta. See §15.5.1 VII.

b. Normally, students are to successfully complete the 24 at another postsecondary institution. Students with a GPA of between 1.3 and 1.6 may be permitted to continue at the University of Alberta in the Fresh Start program to complete the 24 providing they have not previously been on Academic Warning or probation, or have been required to Withdraw, from any postsecondary program. The Director of Student Support will determine whether to recommend a student for participation in the program and will notify the student of that option. Further detailed information can be found in §§14.5, 23.6.2, and 190.3.

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.

### 63.5 Appeals

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

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

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

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

These deadlines apply to appeals of grades and academic standing. Further details of the Faculty’s appeal procedures are available from the Director of Student Support or the Associate Dean (Undergraduate Student Services), 1-107 Education North. Certain decisions of the Faculty Academic Appeals Committee may be appealed to the General Faculties Council Appeals Committee. See §23.8.
63.5.2 BEd/BSc (Specialization in Science and Education) Combined Degrees Program

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

(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.

63.6 Reexamination

See §23.5.5.

63.7 Graduation

63.7.1 BEd and BEd (After Degree)

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

a. successfully complete a minimum of 60 units 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/Afted 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 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 another institution, the Degree “With Distinction” will be awarded at the discretion of the Faculties.

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

63.7.2 BA (Native Studies)/BEd Combined Degrees Program

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

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

(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.

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

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

Notes

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

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

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

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

63.7.4 BMus/BEd (Secondary) Combined Degrees Program

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

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

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

Regulations for the Bachelor of Physical Education/Bachelor of Education (Elementary) (Secondary) Combined Degrees Program are the same as those for the Bachelor of Education degree (see §63.7.1).

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

Regulations for the Bachelor of Science in Human Ecology/Bachelor of Education (Secondary) Combined Degrees Program are the same as those for the Bachelor of Education degree (see §63.7.1).

63.8 Special Faculty Regulations

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

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

(2) Advance Credits for Certificated Teachers: Normally one year’s credit in the four-year program is given for basic teacher education programs.
(3) **Review of Inactive Programs:** A student whose degree program has been inactive for three years, or who has failed to complete the degree in 15 years, may have the program reviewed and, if necessary, rearranged according to prevailing requirements.

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

---

### 63.9 Teaching Certification

Alberta Teaching Certificates are issued by the Minister of Learning and the Registrar, Teacher Certification and Development, Alberta Learning. The Faculty of Education recommends 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 Student Visa 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:**

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 to not issue a certificate.

---

### 64 Professional Standards

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

---

#### 64.1 Criminal Record Check

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

---

#### 64.2 Field Experience Placements, Professional Practice and the Public Interest

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

---

### 65 Programs of Study

#### 65.1 Degree of BEd

**Underlying Principles**

The following principles underlie all teacher preparation programs:

1. The education of a teacher is a continuous, life-long process. In addition to emphasizing basic or fundamental preparation, the initial pre-service experience should aid the development of attitudes that encourage self-evaluation and improvement, and the acquisition of knowledge and skills that facilitate life-long learning.
2. All teacher preparation degree programs provide intending teachers with essential practical skills, a knowledge of theory and its relationship to practice, liberal studies, and subject-matter competence.
3. The Faculty of Education is committed to providing quality teacher preparation programs and recognizes the importance of continuously monitoring, evaluating and refining its offerings to adequately reflect changes in society and advances in knowledge.

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

**Program Planning**

The Faculty of Education provides students with an official program outline when they are admitted. Using this, students are expected to be able to identify remaining course requirements for their particular degree program. Students are responsible for being acquainted with all applicable regulations and meeting the requirements for the degree as outlined. Any exceptions to the requirements must be approved in writing by the Associate Dean (Undergraduate Student Services) with one copy to be placed in the student’s file and one to be given to the student.

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

---

#### 65.2 Adult Education Route

##### 65.2.1 General Information

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

##### 65.2.2 Components of the Program

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

**Courses in the Preprofessional Year (1030)**

The following courses represent the minimum 24 of Transfer Credit granted to successful applicants: EDAE 223 (3); EDAE 423 (3); EDAE 243 (3); EDAE 443 (3); EDAE 323 (3); EDFX 200 (3); EDAE 343 (3); EDFX 375 (3)

The following courses represent the remaining 6 of Transfer Credit in the Preprofessional Year: Non-Education Option (3); Non-Education Option (3)

**Required Courses (30)**

**Adult Education Level I (112)**

- EDAE 345 (3); EDAE 460 (3); EDAE 390 (3); EDFX 200 (3)

**Adult Education Level II (112)**

- EDAE 461 (3); EDAE 485 (3); EDFX 475 (3); Education Option (3); choose any course offered by the Faculty of Education

**Education General (111)**

- EDFX 476 (3); EDPS 410 (3); EDPY 3XX/4XX (3); choose any EDPY course at the 300- or 400-level; Education Options (3); choose any courses offered by the Faculty of Education

**English (8)**

- Choose any Introductory courses offered by the Department of English

**Minor Courses (15)**

- Choose these courses in consultation with the Adult Route advisor.
Non-Education Options (⁎21)
Select any courses from outside the Faculty of Education.

Open Options (⁎9)
Select any courses from any Faculty.

Notes
1. Minor courses will be chosen in consultation with the program advisor to develop content skills in a second teaching area.
2. Non-Education courses may be used to extend competency in the Minor or for a more general education.

65.3 Elementary Education Route

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

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

Program Requirements (⋆120)

1. ⋆24 in Non-Education Elements, to be chosen from the following seven subjects:
   - **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.

2. ⋆12 chosen from ANTHR 250; CULT 363; CHCTC 380; DANCE 431; DRAMA 149, 247; ENGL 287, 288, 389; HECOL 200, 310; LIS 401, 402; PEDS 492; SOC 271.

3. ⋆9 chosen from EDEL 355, 404, and 456.

Notes
- EDEL 404 has a prerequisite of an introductory curriculum and instruction course in language arts.
- EDEL 355 and Introductory Professional Term are prerequisites to EDEL 456.
- Students with an ECE diploma from a transfer institution that has qualified for EDEL 355.

4. ⋆6 chosen from EDPY 402, 404, 410, 422, 424, 470, 472, 474.

Notes
- A minimum of ⋆5 of the Non-Education credits must be in Psychology.
- A minimum of ⋆3 of the Non-Education credits must be in the 200-level or higher.
- All 400-level EDPY courses above have a prerequisite of EDPY 200.

5. English as a Second Language (⋆18)

Non-Education (⋆12)
1. ⋆9 chosen from LING 101, 102, 204, 209, 320
2. ⋆3 chosen from a second language, Anthropology, or Linguistics

Notes
- ⋆3 EDEL 451; EDEL 456
- EDEL 416 has a prerequisite of the Introductory Professional Term and an introductory Linguistics course.
- EDEL 451 has a prerequisite of EDPY 416.

6. Fine Arts (⋆18)

Non-Education (⋆12–15)
1. ⋆12 to ⋆15 chosen from ART 131; additional ART credits; DANCE 101 or 201; additional ART H credits; DANCE 300, 340, 345, 350, 431; DRAMA 149, 235, 237, 339, 359; MUSIC 101, 102, 148, 149, 151, 155, 201, 207, 230, 240, 241, 314, 365, 379, 471, 473, 475 or 477.

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

7. Intercultural/International Education (⋆15)

Non-Education (⋆9)
1. ⋆1 chosen from ANTHR 195, 207, 208; LING 101, 102; NS 210; POL S 260, 270, 462; SOC 100, 101, 300, 368, 369; W ST 310

Education (⋆9)
- ⋆3 EDEL 427
- ⋆3 EDEL 456
- ⋆3 EDPY 420
- ⋆3 EDPY 404

Notes
- A minimum of ⋆6 in Non-Education courses (Elements, Minor, Options) must be at the 200-level or higher. Of these ⋆18, at least ⋆6 must be from the Minor (for the Special Education Minor, ⋆3 must be from the Minor).
Education Chart 1  Requirements for Minors in the Elementary Route (cont’d)

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

Language Arts (18)
Non-Education (12)
1. 3 in senior English
2. 8 chosen from Classics, Comparative Literature, Drama, senior English, Linguistics
Education (6)
3. 6 chosen from EDEL 405, 406, 407, 408, 409, 410, 411.
Note: All of the above EDEL courses have a prerequisite course of EDEL 305.

Mathematics/Science (18)
Non-Education (12)
1. 3 in MATH, Stat (MATH 260 recommended)
2. 6 chosen from ASTRO, BIOL, BOT, CHEM, EAS, Science, PHYS, ENCS 201; FOR 100, 372; INT D 204, PL SC 220; SOED 320, ZOO 202.
3. 6 chosen from any of the above areas.
Education (6)
3. 6 chosen from EDEL 415 or 416.
4. chosen from EDEL 432 or 433.

Non-Education (18)
1. MUSIC 151, 155, 156, 207, 230
Education (9)
2. EDEL 329, 425, 427 (see Note 2), 428.
Notes
(1) MUSIC 101 or 170 should be taken in the Preprofessional Year.
(2) EDEL 427 must be taken in lieu of EDEL 329 in Education Core II.
(3) EDEL 328 and 427 have prerequisites of MUSIC 101 and 156.
(4) EDEL 428 has a prerequisite of MUSIC 101; EDEL 328 and 427.
(5) EDEL 328 has a prerequisite of MUSIC 151 and 156.
(6) EDEL 425 has a prerequisite of one of Music 230.

Native Education (18)
Non-Education (15)
1. 8 chosen from ANTHR 100, 207, 208, 227, 230, 455; LING 101, 102; NS 153, 210, 211; SOC 100 or 300, 301.
Education (9)
2. 6 EDPS 411, 474.
3. 3 EDEL 445 or EDPS 432.

Physical Education (18)
Non-Education (15)
1. 8 chosen from DANCE 340, 350 or 431; 3 from PAC 360 or 365; 3 from PAC 320 or 323.
2. Remaining 6 to 9 Non-education credits chosen from any combination of the following: DANCE 340, 350 or 431; HE ED 110, 220, or 321; PAC 110, 111, 112, 118, 131, 137, 140, 173, 174, 181, 210, 311, 318, 320, 325, 331, 337, 360, 365, 370 or 381; PEDS 205 or 345; PERS 207 or 345.
3. 3 PAC 320 or 325.
4. 6 chosen from Health Education, Physical Activity, Physical Education, or Recreation and Leisure Studies.

Education (3)
5. 3 EDEL 420.
Note: EDEL 420 has a prerequisite of EDEL 321.

Second Languages: Arabic (21)
Non-Education (18)
1. 9 in Language/Linguistics chosen from ARAB 100, 301, 302.
2. 9 in Literature/Culture chosen from ARAB 401: C LIT 338, 397; POL S 260; RELIG 220, 320, 422; SOC 271.
Education (3)
5. 3 EDEL 445.
Notes
(1) ARAB 100 should be taken in the Preprofessional Year.
(2) To complete the required 21, 3 must be taken as Non-Education options.

Second Languages: Cree (21)
Non-Education (18)
1. 12 to 15 in Language/Linguistics chosen from LING 320; NS 105, 119, 153, 252, 352.
2. Culture: 3 chosen from NS 210, 211, 300, 352, 355, 360, 400.
Education (3)
2. 3 EDEL 445.
Note: To complete the required 21, 3 must be taken as Non-Education options.

Second Languages: French (21)
Non-Education (18)
1. 12 to 15 in Language/Linguistics chosen from FREN 150, 251, 252, 253, 351, 352, 353, 372, 456, 473, 479.
2. 3 to 6 in Literature/Culture chosen from FREN 301, 333, 342, 343, 345, 346, 361, 364, 390, 432, 442, 443, 445, 469, 499.
Education (3)
2. 3 EDEL 445.
Notes
(1) Students who have credit in French 30 must be taken as Non-Education options.
(2) To complete the required 21, 3 must be taken as Non-Education options.

Second Languages: German (21)
Non-Education (18)
1. 12 to 15 in Language/Linguistics chosen from GERM 220, 323, 324, 325, 330, 338, 339, 410, 420, 425, 455.
Education (3)
2. 3 EDEL 445.
Notes
(1) GERM 100/101 should be taken in the Preprofessional Year.
(2) To complete the required 21, 3 must be taken as Non-Education options.

Second Languages: Mandarin (21)
Non-Education (18)
2. 3 to 6 in Literature/Culture chosen from CHINA 220, 323, 324, 327, 338, 339, 410, 420, 425, 455.
Education (3)
2. 3 EDEL 445.
Notes
(1) CHINA 101/102 should be taken in the Preprofessional Year.
(2) To complete the required 21, 3 must be taken as Non-Education options.

Second Languages: Spanish (21)
Non-Education (18)
1. 12 to 15 in Language/Linguistics chosen from SPAN 101, 201, 202, 300, 301, 305, 406, 407, 409, 475, 476.
2. 3 to 6 in Literature/Culture chosen from SPAN 307, 381, 389, 391, 402, 440, 450, 499.
Education (3)
2. 3 EDEL 445.
Notes
(1) SPAN 100 should be taken in the Preprofessional Year.
(2) To complete the required 21, 3 must be taken as Non-Education options.

Second Languages: Ukrainian (21)
Non-Education (18)
1. 12 to 15 in Language/Linguistics chosen from UKR 203, 204, 303, 304, 403, 404, 407, 410, 411.
2. 3 to 6 in Literature/Culture chosen from UKR 227, 405, 415, 423, 425, 469, 471, 472, 473, 474, 475.
Education (3)
3. 3 EDEL 445.
Notes
(1) UKR 203/204 should be taken in the Preprofessional Year.
(2) To complete the required 21, 3 must be taken as Non-Education options.

Second Languages: Other (21)
Non-Education (11)
1. 9 chosen in three distinct subject areas.
2. 3 chosen from courses in Canadian History.
3. 3 chosen from Earth and Atmospheric Sciences.
4. 3 EDEL 445.
Note: EDEL 435 requires EDEL 335 as a prerequisite.

Social Studies (18)
Non-Education (15)
1. 9 chosen in three distinct subject areas.
2. 3 chosen from courses relevant to Special Education, offered by Physical Education, Arts (Psychology, Sociology), Agriculture, Forestry, and Home Economics.
Education (15)
2. 9 EDPS 452, 454, 456.
3. 3 one of EDPS 458, EDEL 406, 416.
4. 3 EDEL 44X.
Note: Students in the Special Education Minor must take EDPS 426, and EDEL 435 in the APT.

Visual Studies (24)
Non-Education (18)
1. 1 ART 131 (6) or ART 132 (6) Visual Fundamentals.
2. Additional 6 in ART.
3. ART H 101 (3) or ART H 102 (3) Introduction to Art History.
4. Additional 3 in ART H at a senior level.
Note: Studio art course availability is restricted by the Fine Arts Department during Fall and Winter, but not Spring and Summer. Students should expect to take courses during Spring and Summer.

Education (6)
5. EDEL 400 (3) Design of Elementary Art Curriculum.
6. EDES 404 (3) Special Topics in Art Process.
Notes
(1) EDEL 400 has a prerequisite of EDEL 302.
(2) EDES 404 has a prerequisite of (6) ART and (6) ART H, or comparable experience before taking this course.
65.4 Secondary Education Route

65.4.1 General Information

The Secondary Education route includes 14 weeks of student teaching. In addition to EDFX 200, students enrol in the Introductory Professional Term (4 weeks of student teaching) and the Advanced Professional Term (8 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.

65.4.2 Components of the Program

All students in the Secondary Route must choose a Major teaching subject (Œ36) and a Minor teaching subject (Œ18) which prepares them for teaching in specific subjects of school instruction. Available Majors are listed in Education Chart 2, and available Minors are listed in Education Chart 3. Students planning to enter the Secondary Route are strongly encouraged to take as part of their Preprofessional Year Œ6 in Language/Literature, Œ3 in Computing (EDIT 202 is recommended), Œ12 in the Major teaching subject, Œ6 in Language/Literature, Œ3 in teaching in specific subjects of school instruction. Available Majors are listed in their program.

Students must take both Professional Terms during the same academic year. Full-year courses, e.g., Art, Drama, Music, Second Languages, it is usually taught in their Major subject specialization.

In addition to EDFX 200, students enrol in the Introductory Professional Term (Œ15) and the Advanced Professional Term (Œ15) during the same academic year. Full-year courses, e.g., Art, Drama, Music, Second Languages, it is usually taught in their Major subject specialization.

Program Requirements (Œ120)

(1) Œ6 in Language/Literature from CLASS 102, 221, LIT 171, 172, 201, 202; ENGL 100, 101, 104, 105.

(2) Œ3 in Computing (EDIT 202 is recommended)

(3) Œ3 in Open Options

(4) Education Core I (Œ6)
   EDFX 200 (Œ3)
   EDPY 200 (Œ3)

(5) Introductory Professional Term (Œ15)
   EDFX 390 (Œ3)
   EDPS 310 (Œ3)
   EDPY 301 (Œ3)
   EDPY 303 (Œ3)
   EDSE 3XX (Œ3) Curriculum and Teaching for Secondary School Minors
   Note: See Chart 3 for specific minor courses required.

(6) Advanced Professional Term (Œ15)
   EDFX 450 (Œ6)
   EDFX 451 (Œ3)
   EDSE 4XX (Œ3) Curriculum and Teaching for Secondary School Majors
   EDSE 4YX (Œ3) Curriculum and Teaching for Secondary School Majors

(7) Education Core II (Œ3)
   EDYS 410 (Œ3)

(8) Major Courses (Œ36)

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

Note: In addition to the Œ36 of Non-education courses that comprise the Major, the six courses of Curriculum and Instruction courses are associated with the Major which address the program of studies and the processes that facilitate teachers’ learning.

(9) Minor Courses (Œ18)

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.

Note: In addition to the Œ18 of Non-education courses that comprise the Minor, the six courses of Curriculum and Instruction courses are associated with the Minor which also address the program of studies and the processes that facilitate students’ learning.

(10) Non-Education Options (Œ6)

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 (Œ6)

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 Œ3 or Œ6 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.

Education Chart 2

Requirements for Major Teaching Subject in the Secondary Education Route

<table>
<thead>
<tr>
<th>Education Chart 2</th>
<th>Requirements for Major Teaching Subject in the Secondary Education Route</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Œ6 in English</td>
<td>(1) Œ6 in Language/Literature from CLASS 102, 221, LIT 171, 172, 201, 202; ENGL 100, 101, 104, 105.</td>
</tr>
<tr>
<td>2. Œ12 in Computing</td>
<td>(2) Œ3 in Computing (EDIT 202 is recommended)</td>
</tr>
<tr>
<td>3. Œ3 in Open Options</td>
<td>(3) Œ3 in Open Options</td>
</tr>
<tr>
<td>4. Education Core I</td>
<td>(4) Education Core I (Œ6) EDFX 200 (Œ3) EDPY 200 (Œ3)</td>
</tr>
<tr>
<td>5. Introductory Professional Term</td>
<td>(5) Introductory Professional Term (Œ15) EDFX 390 (Œ3) EDPS 310 (Œ3) EDPY 301 (Œ3) EDPY 303 (Œ3) EDSE 3XX (Œ3) Curriculum and Teaching for Secondary School Minors Note: See Chart 3 for specific minor courses required.</td>
</tr>
<tr>
<td>7. Education Core II</td>
<td>(7) Education Core II (Œ3) EDYS 410 (Œ3)</td>
</tr>
<tr>
<td>8. Major Courses</td>
<td>(8) Major Courses (Œ36) Some Majors may be completed more efficiently by taking specific courses in the Preprofessional Year. Students should examine the specific course requirements of each Major when considering their choices. Students should complete the remaining required courses for their Major teaching subject as outlined in Education Chart 2. Note: In addition to the Œ36 of Non-education courses that comprise the Major, the six courses of Curriculum and Instruction courses are associated with the Major which address the program of studies and the processes that facilitate teachers’ learning.</td>
</tr>
<tr>
<td>9. Minor Courses</td>
<td>(9) Minor Courses (Œ18) 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. Note: In addition to the Œ18 of Non-education courses that comprise the Minor, the six courses of Curriculum and Instruction courses are associated with the Minor which also address the program of studies and the processes that facilitate students’ learning.</td>
</tr>
<tr>
<td>10. Non-Education Options</td>
<td>(10) Non-Education Options (Œ6) 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.</td>
</tr>
<tr>
<td>11. Education Options</td>
<td>(11) Education Options (Œ6) Select any courses from the Faculty of Education.</td>
</tr>
</tbody>
</table>

Notes:

(1) If any of the above courses are required for the Major or Minor area, students may substitute the equivalent Œ3 or Œ6 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.

---

* Advanced Professional Term
Chemistry (Œ36)

1. Œ6 CHEM 101/102
2. Œ6 CHEM 161/163 or 261/263
3. Œ6 in senior Chemistry or Biochemistry
4. Œ3 to Œ6 chosen from ANTHR 230, CLASS 294, HIST 291, 391, 394, INT D 200, 204, 498, PHIL 265, 375, PHYS 212, 213, 214, 215, 216
5. Œ12 to Œ15 but with no more than Œ9 in each of Astronomy, Biochemistry, Biological Sciences, Chemistry, Environmental Sciences (EAS, ENCS, REN R), Mathematics, Physics. Students must take EDSE 456 and 461 during the APT, which is normally offered in the Winter Term only.

Notes
1. (1) Introductory Chemistry courses should be taken in the Preprofessional year.
3. (Because of the nature of school sciences, courses in Biology and Physics are recommended.

Biological Sciences, Chemistry, Environmental Sciences (EAS, ENCS, REN R), Mathematics, Physics. Students must take EDSE 456 and 457 during the APT, which is normally offered in the Winter Term only.

Mathematics (Œ36)

1. Œ3 chosen from MATH 113 or 114
2. Œ3 MATH 120 or 125
3. Œ3 MATH 228 or 229
4. Œ3 MATH 241
5. Œ3 MATH 222 or 243
6. Œ3 STAT 161
7. Œ3 chosen from CMPT 101, 114, MATH 153, 214, 215, 222, 225, 243, 322, 324, 341, 432, 422; PHYS 124; or any senior Mathematics or Computer Science courses; or any approved senior Science course. Students must take EDSE 437 and 438 during the APT, which is normally offered in the Winter Term only.

Music (Œ36)

1. Œ3 MUSIC 124 or 126
2. Œ3 MUSIC 151
3. Œ3 MUSIC 155
4. Œ3 MUSIC 165
5. Œ3 MUSIC 299
6. Œ3 MUSIC 211
7. Œ3 MUSIC 216
8. Œ3 MUSIC 217
9. Œ3 MUSIC 220
10. Œ3 MUSIC 230
11. Œ3 MUSIC 315
12. Œ3 chosen from MUSIC 416, 417, 431 Students must take EDSE 443 and 444 during the APT, which is normally offered in the Winter Term only.

Notes
1. (Music 124, 151, 155, 156 are normally taken in the Preprofessional Year.
2. Entry to MUSIC 151, 155, 156, normally depends upon demonstrating theoretical competence. Students must contact the Department of Music to arrange for a time for the theory placement examination.
3. Entry to MUSIC 124 depends on the successful passing of an audition during May, preceding the student's first year. Students must contact the Department of Music to arrange for an audition date.
4. Students who have not successfully completed MUSIC 124 by the end of their first year in the Faculty of Education will not be allowed to continue in the Music Major.

Physical Education (Œ36)

1. Œ3 HE ED 110
2. Œ3 PERLS 105
3. Œ3 PEDS 205
4. Œ3 PEDS 294
5. Œ3 PEDS 307
6. Œ3 PEDS 391
7. Œ3 chosen from the five activity dimensions (a, b, c, d, e) listed below. Students must take EDSE 447 and 448 during the APT, which is normally offered in both the Fall and Winter Terms.

Notes
1. OPR Certification highly recommended.
2. Aquatics competency required as part of Œ3 Students may produce proof of proficiency in Red Cross Aquasport Level 12 (White) or YMCA Star 6 and substitute Œ1.5 from any dimension below.
## Education Chart 2
### Requirements for Major Teaching Subject in the Secondary Education Route (cont’d)

<table>
<thead>
<tr>
<th>Second Languages: Spanish (★36)</th>
<th>Second Languages: Ukrainian (★36)</th>
<th>Social Studies (★36)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Language Courses: 18 to 24 chosen from SPAN 111, 112, 211, 212, 300, 305, 406, 407, 409, 411.</td>
<td>1. Language Courses: 18 to 21 chosen from UKR 211, 212, 300 and 303 or 304, 403, 404, 406, 407, 411.</td>
<td>1. 12 in Canadian Studies</td>
</tr>
<tr>
<td>2. Linguistics: 3 to 6 chosen from LING 101, 320, SPAN 305, 370, 371, 474, 475, 476.</td>
<td>2. Linguistics: 3 to 6 chosen from LING 101, 320.</td>
<td>a. 3 HIST 260</td>
</tr>
<tr>
<td>3. Literature: 6 to 10 chosen from SPAN 200, 303, 360, 400, 405, 406, 409.</td>
<td>3. Literature: 6 to 9 chosen from SLAV 468, 469, UKR 405, 410, 415, 422, 423, 470, 471, 472, 473, 474, 475.</td>
<td>b. 3 POL S 221</td>
</tr>
<tr>
<td>4. Culture: 9 to 12 chosen from ANTR 210/212, HIST 241, 242, 341, 342; SOC 368; SPAN 301, 303, 307, 308, 309, 310, 320, 330, 331, 412, 446, 452.</td>
<td>4. Culture: 9 to 12 chosen from HIST 312, 314, 315, 317, URC 324, 325, 327, 331, 420, 421, 422, 427, 428, 469.</td>
<td>c. 3 HIST 261</td>
</tr>
</tbody>
</table>

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

* Advanced Professional Term

### Education Chart 3
### Requirements for Minor Teaching Subject in the Secondary Education Route

<table>
<thead>
<tr>
<th>Art (★18)</th>
<th>Career and Technology Studies: Resources (★18)</th>
<th>Drama (★18)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. 6 ART 137</td>
<td>1. 6 chosen from AN SC 110, 200, 208, 209, 211.</td>
<td>1. 3 DRAMA 102</td>
</tr>
<tr>
<td>2. 6 chosen from ART H 101/102 or 206/256</td>
<td>2. 6 chosen from BIOL 207, 208, 209.</td>
<td>2. 3 DRAMA 149</td>
</tr>
<tr>
<td>3. 6 chosen from Art or Design or HEED 150.</td>
<td>3. 6 chosen from BIOL 211, 212, 213.</td>
<td>3. 3 DRAMA 247</td>
</tr>
<tr>
<td>Students must take EDSE 312 during the IPT*, which is normally offered in the Fall Term only.</td>
<td>4. 6 chosen from ENGL 212, 299.</td>
<td>4. 3 DRAMA 279</td>
</tr>
</tbody>
</table>

See overview of Career and Technology Studies majors and minors following 965.4.3.

### Career and Technology Studies: Business and Technology (★18)

1. 3 ACCTG 300 or 312
2. 3 B & LAW 301
3. 6 chosen from ORG A 301, 430, RLS 263 or other business related courses.
4. 6 chosen from EDUB 355; EDIT 480, FIN 301 or other computer related courses from BUS, CMPT, EDIT or EDCT.
5. Students must take EDSE 354 during the IPT*, which is normally offered in both the Fall and Winter Terms.

### Career and Technology Studies: Technology Education (★18)

1. 15 Advanced Standing and 3 chosen from ENGL 405, EDSE 346, EDPY 442, EDIT 480.
2. The selection of courses for students not eligible for 15 advanced standing is under revision. Students not eligible for 15 advanced standing should consult with Undergraduate Student Services.
3. Students must take EDSE 388 during the IPT*, which is normally offered in the Fall Term only.

### English as a Second Language (★18)

1. 6 to 9 in Language/Linguistics chosen from LING 202, 204, 209, 210, 211.
2. 3 to 6 in Cultural Studies chosen from Anthropology, History, Native Studies Religious Studies, or a Language other than English.
3. 3 in Comparative Studies chosen from Anthropology, Comparative Literature, Film and Media Studies, Political Science, Religious Studies Sociology, EPS 426, 432, or EDPY 414, 416.
4. Students must take EDSE 369 during the IPT*, which is normally offered in the Fall Term only.

### Instructional Technology (★18)

1. 6 chosen from EDTE 434, 480, 486, 488, 489; EDS 478 or any EDPY 497 offered by Instructional Technology group.
2. 3 chosen from appropriate courses in culture, media, computing and visual design offered in other faculties as approved by the minor advisor.
3. Students must take EDSE 333 during the IPT*, which is normally offered in the Fall Term only.

### Inter/cultural/International Education (★18)

1. 6 chosen from ANTR 101, 150, 207, 208, 227; LING 200, 300, 301, 302, 303, 304, 305, 306.
2. 6 chosen from ANTR 290, 329, 332; EDSE 416; POL S 290, 276, 462; SOC 368, 455; WST 310.
3. Students must take EDPS 311 during the IPT*.

### Mathematics (★18)

1. 3 chosen from MATH 114 or 115
2. 3 chosen from MATH 120 or 125
3. 3 MATH 222
4. 3 MATH 241
5. 6 chosen from Mathematics, Computing Sciences, Statistics. STAT 141 is recommended.
6. Students must take EDSE 337 during the IPT*, which is normally offered in both the Fall and Winter Terms.

### Music: Choral (★18)

1. 3 MUSIC 151
2. 3 MUSIC 155
3. 3 MUSIC 156
4. 3 MUSIC 270
5. 3 MUSIC 315
6. 6 MUSIC 417
7. Students must take EDSE 343 during the IPT*, which is normally offered in both the Fall and Winter Terms.

*Introductory Professional Term
### Education Chart 3: Requirements for Minor Teaching Subject in the Secondary Education Route (cont'd)

#### Native Education (★18)
1. ★ 6 chosen from ANTH 101, 150, 207, 208, 227; LING 101; NS 210, 300, 470, 480; SOC 100 or 101, 201, 261, 368, 437.
2. ★ 8 EDPS 411, 432, 474.
3. ★ 3 chosen from ANTH 227, 250; NS 153, 154, 211, 314. Students must take EDPS 311 during the IPT.

#### Physical Education (★18)
1. ★ 3 PEDS 294.
2. ★ 15 chosen from the seven activity dimensions listed below. (Note: no more than 6 can be selected from any one dimension). A variety of courses outside a personal level of expertise is recommended.
   - Aquatics competency required: PAC 110 or Red Cross Aquatic Level 12 (White) or YMCA Star 6.
   - a. Alternative Environments: PAC 110, 163, 180, 191, 201, 303, 310, 380, 381.
   - e. Individual Activities: PAC 154, 173, 174, 190, 191, 394, 370, 380, 381.
   - g. Personal Health and Fitness: HE 110.

3. Students must take EDSE 347 during the IPT, which is normally offered in both the Fall and Winter Terms.

#### Physical Sciences (★18)
1. ★ 6 CHEM 101/102.
2. ★ 6 PHYS 124/126 or 144/146.
3. ★ 3 Astronomy, Chemisty, Environmental Sciences (EAS, ENCS, REN R), Physics.

4. Students must take EDSE 364 during the IPT, which is normally offered in both the Fall and Winter Terms.

#### Physics (★18)
1. ★ 6 PHYS 124/126 or 144/146.
2. ★ 6 in senior level Physics (PHYS 208 or 271 and any of 200, 212, 213, 230, 231, 251, 292, 294 recommended).
3. ★ 6 from Astronomy, Chemistry, Environmental Sciences (EAS, ENCS, REN R), Physics.

4. Students must take EDSE 364 during the IPT, which is normally offered in both the Fall and Winter Terms.

#### Religious and Moral Education (★18)
1. ★ 3 CHRTC 295.
2. ★ 3 CHRTC 381.

#### Second Languages: Arabic (★18)
1. ★ 9 in Language/Linguistics chosen from ARAB 101, 301, 302.
2. ★ 9 in Literature/Culture chosen from ARAB 449; C LIT 338, 357; POL S 260, 380; RELIG 220, 320; SOC 271. Students must take EDSE 368 during the IPT, which is normally offered in the Fall Term only.

#### Second Languages: CREE (★18)
1. ★ 12 to 15 in Language/Linguistics Courses: chosen from LING 320; NS 105, 152, 292, 352.
2. ★ 3 to 6 in Culture chosen from NS 210, 211, 300, 352, 355, 360, 400. Students must take EDSE 368 during the IPT, which is normally offered in the Fall Term only.

#### Second Languages: German (★18)
2. ★ 3 to ★ 6 in Literature/Culture chosen from GERM 333, 343, 351, 352, 460, 470, 475, 476, 480, 485, 486. Students must take EDSE 368 during the IPT, which is normally offered in the Fall Term only.

#### Second Languages: Italian (★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.

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

#### Second Languages: Japanese (★18)
2. ★ 3 to ★ 6 in Literature/Culture chosen from JAPAN 321, 322, 330, 415, 416, 418, 419, 420.

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

#### Second Languages: Mandarin (★18)
2. ★ 3 to ★ 6 in Literature/Culture chosen from CHINA 220, 323, 324, 327, 338, 339, 340, 420, 425, 455. Students must take EDSE 368 during the IPT, which is normally offered in the Fall Term only.

#### Second Languages: Spanish (★18)
1. ★ 12 to ★ 15 in Language/Linguistics chosen from SPAN 111, 112, 211, 212, 300, 305, 370, 371, 405, 406, 407, 431, 474, 475, 476.

#### Second Languages: Ukrainian (★18)
1. ★ 12 to ★ 15 in Language/Linguistics chosen from UKR 211, 212, 303 or 305 and 304, 403, 404, 406, 407, 411.
2. ★ 3 to ★ 6 in Literature/Culture chosen from SLAV 469, 469; UKR 227, 245, 410, 415, 422, 423, 469, 471, 472, 473, 474, 476, 478. Students must take EDSE 368 during the IPT, which is normally offered in the Fall Term only.

#### Special Education (★18)
1. ★ 3 EDES 348.
2. ★ 3 EDPS 404.
3. ★ 3 EDPS 454.
4. ★ 3 EDPS 464.
5. ★ 3 chosen from related courses offered by Agriculture, Forestry, and Home Economics; Arts (Psychology, Sociology, Education); Physical Education.

6. Students must take EDPS 468 during the IPT.
   **Note:** Contact Special Education advisor for information about related courses.

### 65.4.3 Career and Technology Studies

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

The four new majors include the following strands:

The four new minors include the following strands:


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

<table>
<thead>
<tr>
<th>CTS Strand</th>
<th>Journeyman or Red Seal Certification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Agriculture</td>
<td>Landscape Gardener</td>
</tr>
<tr>
<td>Construction</td>
<td>Bricklayer, Carpenter</td>
</tr>
<tr>
<td>Technologies</td>
<td>Communication Electrician, Ironworker, Later-Interior Systems Mechanic, Plumber</td>
</tr>
<tr>
<td>Cosmetology</td>
<td>Hairstylist</td>
</tr>
<tr>
<td>Design</td>
<td>Printing and Graphic Arts Craftsman</td>
</tr>
<tr>
<td>Electro-Technologies</td>
<td>Appliance Service Technician, Electrical Rewind Mechanic, Electrician, Electronic Technician, Power System Electrician</td>
</tr>
<tr>
<td>Fabrication</td>
<td>Boilermaker, Cabinetmaker, Gasfitter, Glazier, Machinist, Millwright, Sheet Metal Worker, Steamfitter-Pipetfitter, Structural Steel and Plate Fitter, Tool and Die Maker, Welder</td>
</tr>
<tr>
<td>Foods</td>
<td>Baker, Cook</td>
</tr>
<tr>
<td>Mechanics</td>
<td>Agricultural Mechanic, Auto Body Technician, Automotive Service Technician, Heavy Equipment Technician, Motorcycle Mechanic, Recreation Vehicle Service Technician</td>
</tr>
</tbody>
</table>

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

These degree programs consist of 150 overall. The first three years (90) are taken in the School of Native Studies (see §103.2) and the last two years (60) are taken in the Faculty of Education.

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

Year 4 (30)

Introductory Professional Term (15)
1. EDFX 350 (3)
2. EDPY 301 (3)
3. EDPY 303 (3)
4. EDPY 303 (3)
5. EDSE 3XX (3)
6. Native Studies options (3); choose any NS courses at the 400-level
7. Social Sciences (3); choose any course at the 200-level or above [see §103.1.(23) and (6)]

Year 5 (30)

Advanced Professional Term (15)
1. EDFX 450 (3)
2. EDFX 451 (3)
3. EDSE 4XX (3)
4. EDSE 4XY (3)
5. EDPS 410 (3)
6. Education options (3); 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 §103.1.(23) and (6)]

Notes
(1) Program Requirements (150)
- Education Core (35)
- Native Studies Core (33)
- Common Major (18)
- Teaching Minor (18)
- Options (6)
(2) Native Studies Core (33)
- Computing (3)
- English (6)
- Fine Arts or Humanities 2XX/3XX/4XX (6)
- Humanities 1XX (6)

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

Year 4 (30)

Introductory Professional Term (18)
1. EDFX 350 (3)
2. EDPS 310 (3)
3. EDPY 301 (3)
4. EDPY 303 (3)
5. EDSE 3XX (3)
6. Education Major (6); choose courses from the specified Teaching Major
7. Native Studies option (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 (3); choose any course at the 200-level or higher [see §103.1.(23) and (6)]

Year 5 (30)

Advanced Professional Term (15)
1. EDFX 350 (3)
2. EDFX 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)
- Teaching Minor (18)
- Options (21)
(2) Courses in the IPT should be taken prior to Education Core II. Education Core II should be taken prior to the APT.
(3) Students enrolled in a Professional Term cannot exceed 15 maximum course load.
(4) Students in this program select one of the following minors: Second Languages/Cree, Native Studies, Intercultural Education, or Social Studies.
(5) Students with Cree as a minor must complete NS 152, 252, and 352 before Year 4.
65.6 BSc (Specialization in Science and Education)/BEd (Secondary) Combined Degrees Program

65.6.1 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.

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

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

<table>
<thead>
<tr>
<th>Physical Sciences Major/ Biological Sciences Minor (★150)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Core Program Requirements</td>
</tr>
<tr>
<td>Education: 45</td>
</tr>
<tr>
<td>Major: 42</td>
</tr>
<tr>
<td>Minor: 24</td>
</tr>
<tr>
<td>100-level: 36 (Maximum</td>
</tr>
<tr>
<td>Graduation Requirements:</td>
</tr>
<tr>
<td>- GPA of 2.3 on all courses</td>
</tr>
<tr>
<td>Area “B” BIOL 315, CHEM 303, CHRTC 352, HIST 294, 397, 388, 486, INT D 200, PHIL 265, 375, PHYS 202, 201, 264, SOC 367, 426</td>
</tr>
<tr>
<td>Area “C” ASTRO 320, 322, CHEM 331, 332, PHYS 301, 302, 307, 309, 319</td>
</tr>
<tr>
<td>Year 1 (★30)</td>
</tr>
<tr>
<td>1. BIOL 107, 108</td>
</tr>
<tr>
<td>2. CHEM 101, 102</td>
</tr>
<tr>
<td>3. ENGL 101</td>
</tr>
<tr>
<td>4. MATH 113 or 114</td>
</tr>
<tr>
<td>5. MATH 115</td>
</tr>
<tr>
<td>6. PHYS 124 or 144</td>
</tr>
<tr>
<td>7. PHYS 126 or 146</td>
</tr>
<tr>
<td>Year 2 (★30)</td>
</tr>
<tr>
<td>1. BIOL 307, 308</td>
</tr>
<tr>
<td>2. CHEM 261, 263</td>
</tr>
<tr>
<td>3. EDFX 200</td>
</tr>
<tr>
<td>4. EDPY 208</td>
</tr>
<tr>
<td>5. PHYS 224</td>
</tr>
<tr>
<td>6. #3 chosen from PHYS 211 or PHYS 294</td>
</tr>
<tr>
<td>7. #3 chosen from PHYS 211 or PHYS 294</td>
</tr>
<tr>
<td>Year 3 (★30)</td>
</tr>
<tr>
<td>1. #3 chosen from CHEM 211 or PHYS 294</td>
</tr>
<tr>
<td>2. CMPUT 101 or 114</td>
</tr>
<tr>
<td>3. #6 in Biological Sciences at the 200-level</td>
</tr>
<tr>
<td>4. #6 Arts Options</td>
</tr>
<tr>
<td>5. #6 Area “B”</td>
</tr>
<tr>
<td>6. #6 Area “C”</td>
</tr>
<tr>
<td>Year 4 (★30)</td>
</tr>
<tr>
<td>1. EDFX 350</td>
</tr>
<tr>
<td>2. EDPS 310</td>
</tr>
<tr>
<td>3. EDPY 301</td>
</tr>
<tr>
<td>4. EDPY 303</td>
</tr>
<tr>
<td>5. EDSE 350</td>
</tr>
<tr>
<td>6. EDFX 450</td>
</tr>
<tr>
<td>7. EDFX 451</td>
</tr>
<tr>
<td>8. EDSE 447</td>
</tr>
<tr>
<td>9. EDSE 448</td>
</tr>
<tr>
<td>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.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Physical Sciences Major/Mathematical Sciences Minor (★150)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Core Program Requirements</td>
</tr>
<tr>
<td>Education: 45</td>
</tr>
<tr>
<td>Major: 42</td>
</tr>
<tr>
<td>Minor: 27</td>
</tr>
<tr>
<td>100-level: 38 (Maximum</td>
</tr>
<tr>
<td>Graduation Requirements:</td>
</tr>
<tr>
<td>- GPA of 2.7 on all courses</td>
</tr>
<tr>
<td>Area “B” BIOL 315, CHEM 303, CHRTC 352, HIST 294, 397, 388, 486, INT D 200, PHIL 265, 375, PHYS 202, 201, 264, SOC 367, 426</td>
</tr>
<tr>
<td>Area “C” ASTRO 320, 322, CHEM 331, 332, PHYS 301, 302, 307, 309, 319</td>
</tr>
<tr>
<td>Year 1 (★30)</td>
</tr>
<tr>
<td>1. BIOL 107, 108</td>
</tr>
<tr>
<td>2. CHEM 101, 102</td>
</tr>
<tr>
<td>3. ENGL 101</td>
</tr>
<tr>
<td>4. MATH 113 or 114</td>
</tr>
<tr>
<td>5. MATH 115</td>
</tr>
<tr>
<td>6. PHYS 124 or 144</td>
</tr>
<tr>
<td>7. PHYS 126 or 146</td>
</tr>
<tr>
<td>Year 2 (★30)</td>
</tr>
<tr>
<td>1. CHEM 261, 263</td>
</tr>
<tr>
<td>2. EDFX 200</td>
</tr>
<tr>
<td>3. EDPY 208</td>
</tr>
<tr>
<td>4. MATH 120</td>
</tr>
<tr>
<td>5. MATH 214</td>
</tr>
<tr>
<td>6. PHYS 224</td>
</tr>
<tr>
<td>7. #3 chosen from PHYS 201 or PHYS 271</td>
</tr>
<tr>
<td>8. #3 chosen from CHEM 211 or PHYS 294</td>
</tr>
<tr>
<td>9. #3 Arts Option</td>
</tr>
<tr>
<td>Year 3 (★30)</td>
</tr>
<tr>
<td>1. CMPUT 101 or 114</td>
</tr>
<tr>
<td>2. MATH 215 or 241</td>
</tr>
<tr>
<td>3. #3 chosen from CHEM 211 or PHYS 294</td>
</tr>
<tr>
<td>4. #6 Arts Options</td>
</tr>
<tr>
<td>5. #6 Area “B”</td>
</tr>
<tr>
<td>6. #6 Area “C”</td>
</tr>
<tr>
<td>Year 4 (★30)</td>
</tr>
<tr>
<td>1. EDFX 350</td>
</tr>
<tr>
<td>2. EDPS 310</td>
</tr>
<tr>
<td>3. EDPY 301</td>
</tr>
<tr>
<td>4. EDPY 303</td>
</tr>
<tr>
<td>5. EDSE 350</td>
</tr>
<tr>
<td>6. EDFX 450</td>
</tr>
<tr>
<td>7. EDFX 451</td>
</tr>
<tr>
<td>8. EDSE 447</td>
</tr>
<tr>
<td>9. EDSE 448</td>
</tr>
<tr>
<td>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.</td>
</tr>
</tbody>
</table>

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 615.5.2 and 163.1.8).
### Education Chart 4: Requirements for the BEd/BSc (cont’d) (Specialization in Science and Education) Degree Majors and Minors

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

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

<table>
<thead>
<tr>
<th>Core Program Requirements</th>
<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>Education: Major: 45</td>
<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></td>
<td>2. ENGL 101</td>
<td>2. EDPS 310</td>
<td>2. EDPS 451</td>
<td>2. EDPS 451</td>
<td>2. EDPS 451</td>
</tr>
<tr>
<td></td>
<td>3. MATH 114</td>
<td>3. EDPS 301</td>
<td>3. EDPS 452</td>
<td>3. EDPS 452</td>
<td>3. EDPS 452</td>
</tr>
<tr>
<td></td>
<td>4. MATH 115</td>
<td>4. EDPS 303</td>
<td>4. EDPS 453</td>
<td>4. EDPS 453</td>
<td>4. EDPS 453</td>
</tr>
<tr>
<td></td>
<td>5. MATH 120</td>
<td>5. EDSE 364</td>
<td>5. EDSE 437</td>
<td>5. EDSE 437</td>
<td>5. EDSE 437</td>
</tr>
<tr>
<td></td>
<td>7. # in Physics or Chemistry chosen from CHEM 101, 102, PHYS 124 or 124, 144, 126 or 146</td>
<td>7. # in Biological Sciences at the 300-level</td>
<td>7. # in Mathematics at the 300- or 400-level</td>
<td>7. # in Mathematics at the 300- or 400-level</td>
<td>7. # in Mathematics at the 300- or 400-level</td>
</tr>
<tr>
<td></td>
<td>8. # in Arts Options</td>
<td>8. in Biological Sciences at the 300-level</td>
<td>8. in Mathematics at the 300- or 400-level</td>
<td>8. in Mathematics at the 300- or 400-level</td>
<td>8. in Mathematics at the 300- or 400-level</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Core Program Requirements</th>
<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>Education: Major: 45</td>
<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></td>
<td>2. CHEM 101, 161</td>
<td>2. EDPS 310</td>
<td>2. EDPS 451</td>
<td>2. EDPS 451</td>
<td>2. EDPS 451</td>
</tr>
<tr>
<td></td>
<td>3. ENGL 101</td>
<td>3. EDPS 301</td>
<td>3. EDPS 452</td>
<td>3. EDPS 452</td>
<td>3. EDPS 452</td>
</tr>
<tr>
<td></td>
<td>4. MATH 113 or 114</td>
<td>4. EDPS 303</td>
<td>4. EDPS 453</td>
<td>4. EDPS 453</td>
<td>4. EDPS 453</td>
</tr>
<tr>
<td></td>
<td>5. chosen from MATH 115, 120, STAT 151</td>
<td>5. EDSE 364</td>
<td>5. EDSE 437</td>
<td>5. EDSE 437</td>
<td>5. EDSE 437</td>
</tr>
<tr>
<td></td>
<td>6. # in Physical Sciences at the 300-level</td>
<td>6. CHEM 261</td>
<td>6. CHEM 458</td>
<td>6. CHEM 458</td>
<td>6. CHEM 458</td>
</tr>
<tr>
<td></td>
<td>7. # in Biological Sciences at the 300-level</td>
<td>7. # in Mathematics at the 300- or 400-level</td>
<td>7. # in Mathematics at the 300- or 400-level</td>
<td>7. # in Mathematics at the 300- or 400-level</td>
<td>7. # in Mathematics at the 300- or 400-level</td>
</tr>
<tr>
<td></td>
<td>8. # in Arts Options</td>
<td>8. # in Arts Options</td>
<td>8. # in Mathematics at the 300- or 400-level</td>
<td>8. # in Mathematics at the 300- or 400-level</td>
<td>8. # in Mathematics at the 300- or 400-level</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Core Program Requirements</th>
<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>Education: Major: 45</td>
<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></td>
<td>2. CHEM 101, 161</td>
<td>2. EDPS 310</td>
<td>2. EDPS 451</td>
<td>2. EDPS 451</td>
<td>2. EDPS 451</td>
</tr>
<tr>
<td></td>
<td>3. ENGL 101</td>
<td>3. EDPS 301</td>
<td>3. EDPS 452</td>
<td>3. EDPS 452</td>
<td>3. EDPS 452</td>
</tr>
<tr>
<td></td>
<td>4. MATH 113 or 114</td>
<td>4. EDPS 303</td>
<td>4. EDPS 453</td>
<td>4. EDPS 453</td>
<td>4. EDPS 453</td>
</tr>
<tr>
<td></td>
<td>5. chosen from MATH 115, 120, STAT 151</td>
<td>5. EDSE 364</td>
<td>5. EDSE 437</td>
<td>5. EDSE 437</td>
<td>5. EDSE 437</td>
</tr>
<tr>
<td></td>
<td>6. # in Physical Sciences at the 300-level</td>
<td>6. CHEM 261</td>
<td>6. CHEM 458</td>
<td>6. CHEM 458</td>
<td>6. CHEM 458</td>
</tr>
<tr>
<td></td>
<td>7. # in Biological Sciences at the 300-level</td>
<td>7. # in Mathematics at the 300- or 400-level</td>
<td>7. # in Mathematics at the 300- or 400-level</td>
<td>7. # in Mathematics at the 300- or 400-level</td>
<td>7. # in Mathematics at the 300- or 400-level</td>
</tr>
<tr>
<td></td>
<td>8. # in Arts Options</td>
<td>8. # in Arts Options</td>
<td>8. # in Mathematics at the 300- or 400-level</td>
<td>8. # in Mathematics at the 300- or 400-level</td>
<td>8. # in Mathematics at the 300- or 400-level</td>
</tr>
</tbody>
</table>

#### Notes:
- Courses 1 through 5 must be taken concurrently.
- Introductory Professional Term above constitute the Advanced Professional Term and must be taken concurrently.
- Mathematics at the 200-, 300- or 400-level.
- Science at the 200-, 300- or 400-level.
65.7 BMus/BEd Five-Year Combined Degrees

This degree program consists of 162 overall. The first three years (99) 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. EDPY 301 (3)
3. EDPY 303 (3)
4. EDSE 3XX (3)
5. EDSE 3XX (3)

Advanced Professional Term (15)
1. EDFX 450 (6)
2. EDFX 451 (3)
3. EDSE 443 (3)
4. EDSE 444 (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, 365 or 379
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 271, 272 or 273
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.

65.8 BPE/BEd (Secondary Route) Combined Degrees

65.8.1 General Information

See also §133.4.

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

65.8.2 Program Requirements (Secondary Route)

Year 4 (30)

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

Year 5 (30)

Advanced Professional Term (15)
1. EDFX 450 (6)
2. EDFX 451 (3)
3. EDSE 4XX (3)
4. EDSE 4XY (3)
5. EDPS 410 (3)
6. PADS 3XX or 4XX (3)
7. PAC or DAC Activity Option (3)
8. Education option (3)
9. Open option (3)

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

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

65.9.1 General Information

This degree program consists of 159 overall. The first three years (99) are taken in the Faculty of Physical Education and Recreation (see §133.4) and the last two years (60) are taken in the Faculty of Education.

65.9.2 Program Requirements

Year 4 (30)

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

Education Core I: (15)
6. Education option (3)
7. DAC/PAC Activity Course (3)
8. 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)

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

65.10.1 General Information

(See also §15.1.5)

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

See §155.6 for detailed admission requirements and procedures for entry to Year 4 of this Combined Degrees Program.

65.10.2 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. EDSE 3XX (3)
6. Education Option (3)
7. Minor (6)
8. 6 from HECOL, NU FS or NUTR
66 Bachelor of Education Programs for Holders of Approved Degrees

66.1 Program Requirements

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

66.1.1 Adult Education Route (★60)

1. **Adult Education Core I (★12)**
   - EDAE 345 (★3)
   - EDAE 460 (★3)
   - EDAE 390 (★3)
   - EDPY 200 (★3)

2. **Adult Education Core II (★12)**
   - EDAE 460 (★3)
   - EDAE 485 (★3)
   - EDFX 475 (★3)
   - Education Option (★3): choose any course offered by the Faculty of Education

3. **Education General (★9)**
   - EDFX 476 (★3)
   - EDPS 410 (★3)
   - EDPY 3XX/4XX (★3): choose any EDPY course at the 300- or 400-level

4. **Open Options (★12)**
   - Choose any courses offered by the Faculty of Education.

5. **Open Options (★15)**
   - Choose any course offered by any Faculty.

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

66.1.2 Elementary Education Route (★60)

1. **Education Core I (★8)**
   - EDPS 310 (★3)
   - EDFX 200 (★3)

2. **Elements (★9)**
   - Choose any of the Elements not yet completed. See 66.3.2 for detailed descriptions of the Elements.

3. **Introductory Professional Term (★15)**
   - EDFX 325 (★3)
   - EDPS 310 (★3)
   - EDPS 325 (★3)
   - EDPS 301 (★3)

4. **Education Core II (★15) chosen from the following:**
   - EDEP 302 (★3)
   - EDEL 305 (★3)
   - EDEL 316 (★3)
   - EDEL 321 (★3)

5. **Advanced Professional Term (★15)**
   - EDFX 450 (★6)
   - EDSE 4XX (★3)
   - EDSE 4XY (★3)

66.1.3 Secondary Education Route (★60)

1. **Introductory Professional Term (★15)**
   - EDFX 350 (★3)
   - EDFX 310 (★3)
   - EDPS 301 (★3)

2. **Advanced Professional Term (★15)**
   - EDFX 450 (★6)
   - EDSE 4XX (★3)
   - EDSE 4XY (★3)

3. **Education Core (★15)**
   - EDPS 410 (★3)
   - EDFX 200 (★3)
   - EDFX 200 (★3) or EDPS 3XX/4XX (★3): any EDPS course at the 300- or 400-level

4. **Open Options (★15):**
   - Choose any courses offered by the Faculty of Education.

66.1.4 BEd Program for Certificated Teachers

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

Teachers who have never attended the University of Alberta should submit an Application for Admission form to the Registrar’s Office.

Teachers who completed the one-year program offered by the University of Alberta (before 1962) should submit an Application for Readmission or Degree program to meet graduation requirements.

66.12 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 the minor Iyiniw Kiskinohamatowin. For more information contact the Registrar’s Office, Grande Prairie Regional College.

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

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

66.1.5 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.

66.1.6 Collaborative BEd Degree Completion Program with Grande Prairie Regional 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.

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

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

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

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

(1) Holders of approved degrees who have not completed the Professional Diploma of the University of Alberta must complete a minimum of 10 full-course equivalents (Œ60) 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 (Œ30) program.

66.2.2 Diploma of the Faculty of Education

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

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

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

Applicants who do not hold a Teaching Certificate will not receive one on completion of a Diploma program. A student wanting certification must take the basic Certification program described in §63.9.

Applicants who have never attended the University of Alberta must complete an Application for Admission and submit it along with all relevant documentation to the Office of the Registrar by the published deadline.

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

Diploma programs currently available are listed by Department, as follows. Contact the Departments directly for more detailed information.

Department of Educational Psychology
(Dr LL Stewin, Chair)
Educational Psychology
Inclusive Education
Instructional Technology
Teaching English as a Second Language

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

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

Department of Secondary Education
(Prof TR Carson, Chair)
Art
Biological Sciences
Chemistry
Career and Technology Studies (CTS)

CTS: Business and Technology
CTS: Human Ecology
CTS: Resources
CTS: Technology Education
Computers in Education
Curriculum and Instruction
Drama
English Language Arts
English as a Second Language
General Sciences
Health Education
Mathematics
Music: Choral
Physical Education
Physical Sciences (Chemistry and Physics)
Physics
Religious and Moral Education
Second Languages
Social Studies
Special Topics* e.g., Computers in Education

*From time to time the Department of Secondary Education may offer diploma programs in special topics. Students interested in working in an area not included in the listing above should consult the Department of Secondary Education.

Note: The approved course work for all diploma programs in Secondary Education will be a total of Œ24: EDSE 503 (Œ3); the corresponding minor program (Œ18) (see Education Chart 3); Open Option (Œ3).

66.2.3 Graduate Degree Programs in Education

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

Department of Educational Policy Studies: administration and leadership (elementary, secondary, and postsecondary), adult and higher education, First Nations education, history of education, international/intercultural education, philosophy of education, sociology of education, social and cultural contexts of education, global education.

Department of Educational Psychology: counselling and school psychology, educational psychology, special education, instructional technology education.

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

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

To meet candidates’ needs and interests, departments permit considerable flexibility in the programs leading to advanced degrees. In general, students 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 §175.

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

Students should address their preliminary inquiries to the appropriate Department Chair and, if possible, arrange for an interview.

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

67 Courses

Faculty of Education courses are listed in §201, Course Listings, under the following subject headings:

Education – (EDU)
Education – Administration and Leadership (EDAL)
Education – Adult Education (EDAE)
Education – Business Education (EDBU)
Education – Career and Technology Studies (EDCT)
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 §201, Course Listings, under the heading Library and Information Studies (LIS).

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.