

Faculty of Education

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70 The Faculty of Education

Historical Overview

In 1942, we became the first Faculty of Education in Canada. We had only one degree program, 12 courses and three full-time professors. Today, however, we are one of the largest Faculties of Education in Canada with nine undergraduate degree programs and a wide array of graduate degrees. With four teaching departments and one school, we employ over 108 full time professors, 50 support staff and 103 full and part-time sessional instructors and we educate more than 2,750 undergraduate students and 800 graduate students.

Over the past eighty years, the Faculty of Education has evolved from a few discipline-oriented courses in Education offered by the Faculty of Arts and Science into one of the largest and strongest Faculties of Education in the country. The first education course, covering both the history and philosophy of education, was approved in 1911 and first offered in 1912. In 1928, the School of Education was created under the administration of the Faculty of Arts and Science. It opened the following year with an enrolment of seven students. The School later evolved into the College of Education; then, in 1942, into the Faculty of Education. In 1945, the Province of Alberta closed its Normal Schools in Calgary and Edmonton and turned control of teacher education over to the University of Alberta. Alberta was the first province in Canada to make teacher education exclusively a university responsibility. Since 1945, the Faculty of Education has awarded more than 45,000 BEd degrees, and developed strong graduate programs that have provided outstanding educational leaders for institutions and school systems across Canada and around the world. In 1991, the Faculty of Library and Information Studies joined the Faculty of Education and became the School of Library and Information Studies.

Mission Statement

The Faculty of Education is committed to the discovery and dissemination of knowledge about teaching and learning. We promote the view that to be a professional educator is to continue to question, to reflect, to seek knowledge, and to be open to change and diversity.

Scholarship, Research and Teaching

The Faculty of Education places a high priority on excellence in teaching, research, and community service. As a focus of excellence in scholarship, research and teaching, the Faculty is consistently ranked among the top three Faculties of Education in Canada and is considered one of the finest in North America. Our researchers provide ground breaking contributions and national/global leadership in many areas.

Education students will encounter many professors who have won distinctions such as the 3M Teaching Award, Library Journal

Teaching Award, and Faculty of Education teaching awards. With 12 Rutherford Undergraduate Teaching Awards, our Faculty instructors embody excellence in teaching. 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, Educational 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.

Grants

Faculty members have received top-level research grants from SSHRC, NSERC and CHIR funding agencies and major research awards such as:

- UNESCO Prize for Peace Education
- Whitworth Award for Education Research
- J Gordin Kaplan Award for Excellence in Research
- Killam Annual Professorship
- McCalla Professorship

The Faculty of Education is 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 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.

Our Graduates

Our graduates are leading the way. More than 60 percent of the elementary and secondary school teachers in Alberta are U of A graduates, 33 have become presidents of universities or colleges and over 25 percent of the current Deans of Education in Canada are alumni of this Faculty.

Areas of Expertise

The Faculty has expertise in a variety of areas including, Aboriginal populations, counseling psychology, curriculum and pedagogy, educational measurement, literacy, multicultural/international education, libraries and information management, policy development and leadership, and teacher education.

71 The Professors

71.1 Teaching and Scholarship

The Faculty of Education's history of excellence in teaching and scholarship is reflected through the following award winners:

3M National Teaching Fellowship

Toni Samek (2012)
Olenka Bilash (2010)
Graham Fishburne (1990)

Provost's Award for Early Achievement of Excellence in Undergraduate Teaching

Cheryl Poth (2013)
Lynette Shultz (2010)

Rutherford Award for Excellence in Undergraduate Teaching

David Chorney (2014)
Carla Peck (2013)
Clive Hickson (2007)
Amanda Montgomery (2004)
Katherine Willson (2003)
Lynn McGarvey (2002)
Susan Gibson (2001)
Olenka Bilash (1999)
Roberta McKay (1997)
Marg Iveson (1996)
Maira Juliebo (1995)
Robert de Frece (1993)
Graham Fishburne (1987)
David Wangler (1987)

Teaching Unit Award

Lynn McGarvey, Gladys Sterenberg, Julie Long, Beverley Kula, Audrey Hodgson-Ward, Allison Finch, Carrie Watt and Janelle McFeetors (2012)

William Hardy Alexander Award for Excellence in Undergraduate Teaching

Randy Dziwenka (2008)
Beverley Kula (2005)
William Smale (2003)
Hedy Bach (2002)

Award for Excellence in Graduate Teaching

Jerry Kachur (2013)

Faculty of Education Graduate Teaching Award

Dip Kapoor (2014)
Jerry Kachur (2013)
Linda Phillips (2012)
Randolph Wimmer (2012)
D Jean Clandinin (2011)
Anna Kirova (2010)
Ali Abdi (2009)
Toni Samek (2009)
Rosemary Foster (2008)
Jill McClay (2008)
George Buck (2007)
Margaret Mackey (2007)
Frank Peters (2006)
Joyce Bainbridge (2005)
Tara Fenwick (2005)
Julia Ellis (2004)
Ingrid Johnston (2004)
Carolyn Kreber (2003)
Anna Altmann (2002)
José da Costa (2002)

Faculty of Education Sessional Teaching Award

Beverley Preston (2014)
Bill Munro (2013)
Harold Pearse (2012)

Roland Duquette (2011)
Leonora Macy (2011)
Kerri Norberg (2010)
Daniel Robinson (2009)
Michael Burke (2008)
Randy Dziwenka (2008)
Joan Scott (2008)
Joanne Harle (2007)
Anthony Hollihan (2007)
Diane Shieron (2007)
Rillah Sheridan-Carson (2006)
Yvette Stack (2006)
Nancy Davis (2005)
Kathy Paterson (2005)
Audrey Hodgson-Ward (2004)
Sally Brenton-Hayden (2003)
Gail de Vos (2003)
Dougal MacDonald (2003)
Beverley Kula (2002)
William Smale (2002)
Hedy Bach (2001)
Bryan Connors (2001)
Glenys Berry (2000)
Douglas Brown (2000)
Lloyd Jones (2000)
Patricia Payne (2000)
Ray Benton-Evans (1999)
Joanne Sommerfeld (1999)

Faculty of Education Technology in Teaching Award

David Chorney (2013)
George Georgiou (2012)
Patricia Boechler, Mike Carbonaro (2011)
Jennifer Branch-Mueller, Joanne DeGroot (2011)

Faculty of Education Undergraduate Teaching Award

Bonnie Watt (2014)
David Chorney (2013)
Carla Peck (2012)
William Dunn (2009)
André Grace (2008)
Tom Dust (2007)
Clive Hickson (2007)
Ali Abdi (2006)
George Richardson (2006)
Nancy Melnychuk (2005)
Amanda Montgomery (2004)
Jack Goldberg (2003)
jan jagodzinski (2002)
Lynn McGarvey (2002)
Susan Gibson (2001)
Stan Wilson (2001)
Olenka Bilash (1999)
Brenda Gustafson (1999)
Eamonn Callan (1998)
Joe Norris (1998)
Bob Frender (1997)
Roberta McKay (1997)
Katherine Willson (1996)
Marg Iveson (1995)
Maira Juliebo (1995)
Jim Parsons (1995)
John Mitchell (1994)
Dave Wangler (1994)
Robert de Frece (1993)
Graham Fishburne (1993)
Fern Snart (1993)

J Gordin Kaplan Award for Excellence in Research

Max van Manen (2002)

D Jean Clandinin (2001)

JP Das (1987)

ATA Educational Research Award

Lynn Wiltse (2012)
Robert Klassen (2011)
Dwayne Donald, Florence Glanfield, Gladys Sterenberg (2010)
Terry Carson, Dwayne Donald, Ingrid Johnston, George Richardson (2008)
Phil McRae, Jim Parsons (2007)
José da Costa (2006)
Michael Emme, Anne Kirova (2005)
André Grace (2003)
David Smith (2002)
Fern Snart (2001)
José da Costa, Margaret Haughey (2001)
Joyce Bainbridge (2000)
Roberta McKay, Katherine Willson (1997)

Coutts-Clarke Fellowship

Ying Cui (2014)
Kent den Heyer (2013)
Cathy Adams (2012)
George Georgiou (2012)
Patricia Boechler (2011)
Marian Rossiter (2010)
Diane Conrad (2009)
Claudia Eppert (2009)
Robert Klassen (2008)
Ali Shiiri (2008)
Heidi Julien (2006)
Noorfarah Merali (2006)
Lisa Given (2005)
Jacqueline Leighton (2005)
George Richardson (2005)
Ali Abdi (2004)
Christina Rinaldi (2004)
Xin Ma (2003)
Rauno Parrila (2003)
Alison Taylor (2003)
André Grace (2002)
Mark Gierl (2001)
Tara Fenwick (2001)
Judy Cameron (2000)
Susan Gibson (2000)
Ingrid Johnston (1999)
Margaret Mackey (1999)
Tracey Derving (1998)

Canadian Centre for Research on Literacy Research Fellowship

Alison McInnes (2014)
Lynne Wiltse (2013)
Denyse Hayward (2012)
George Georgiou (2010)
Linda Laidlaw (2009)
Patricia Boechler (2008)
Jacqueline Leighton (2007)
Lynn McQuarrie (2006)
Heidi Julien (2005)
Rauno Parrila (2004)
André Grace (2003)
José da Costa (2002)
Jill McClay (2001)

Centennial Professorship

Linda Phillips (2012)

Killam Award for Excellence in Mentoring

D Jean Clandinin (2009)

Todd Rogers (2005)

Killam Annual Professorship

Andre Grace (2011)

jan jagodzinski (2011)

Rauno Parrila (2010)

Margaret Mackey (2009)

Tracey Derwing (2008)

Stephen Norris (2006)

Max van Manen (2005)

D Jean Clandinin (2005)

Linda Phillips (2004)

D Jean Clandinin (2003)

Richard Sobsey (2000)

Graham Fishburne (1997)

Carolyn Yewchuk (1995)

Tom Kieren (1994)

Ronna Jevne (1991)

Larry Beauchamp Senior Research Fellow

Tracey Derwing (2011)

Stephen Norris (2010)

jan jagodzinski (2009)

Jean Clandinin (2008)

Linda Phillips (2007)

Martha Cook Piper Research Prize

George Georgiou (2014)

Lisa Given (2010)

Mark Gierl (2006)

Judy Cameron (2002)

McCalla Professorship

Christina Rinaldi (2014)

Elaine Simmt (2012)

Ingrid Johnston (2011)

Ali Abdi (2009)

André Grace (2008)

Alison Taylor (2007)

McCalla Research Professorship

Margaret Mackey (2006)

David Smith (2005)

Judy Cameron (2004)

jan jagodzinski (2003)

Linda Phillips (2002)

Pat Rowell (2001)

Linda McDonald (2000)

Joyce Bainbridge (1999)

Graham Fishburne (1998)

Marg Iveson (1997)

Carolyn Yewchuk (1997)

Daiyo Sawada (1996)

Todd Rogers (1995)

Ronna Jevne (1994)

John Osborne (1993)

Don Sawatzky (1993)

Richard Sobsey (1992)

Robert Carney (1991)

John Mitchell (1991)

Max Van Manen (1990)

Tom Kieren (1989)

Lorraine Wilgosh (1989)

Bruce Bain (1989)

Robert Mulcahy (1987)

William Fagan (1986)

Steve Hunka (1985)

Heidi Kass (1985)

Charles Anderson (1984)

Kazim Bacchus (1984)

Tom Maguire (1983)

Michael Rodda (1983)

Gerry Kysela (1982)

Erwin Miklos (1982)

Robert Patterson (1981)

UNESCO Prize for Peace Education

Swee-Hin Toh (2000)

71.2 Members of the Faculty

Officers of the Faculty**Dean**

FD Snart, PhD

Vice-Dean and Associate Dean (Academic)

R Wimmer, EdD

Associate Dean (Research)

P Boechler, PhD

Associate Dean (Graduate Studies)

D Larsen, PhD

Associate Dean (Undergraduate Programs and Services)

CN Hickson, PhD

Associate Dean (Undergraduate Teacher Education)

L McGarvey, PhD

Associate Dean (International Initiatives)

L Shultz, PhD

Assistant Dean (Finance and Administration)

Y Norton, BA

Assistant Dean (Field Experiences)

R Smilanich

Assistant Dean (Academic Technologies)

J Welch, PhD

Director, Student Support

C Christianson, PhD

Manager, Undergraduate Student Services

H Kennedy-Plant, MEd

Manager, International Initiatives

L de Fabrizio, MA

Faculty Adjunct Professors

D Baker, MEd

L Booi, BEd

J Brauer, PhD

P Calahasen, MEd

E Clintberg, PhD

C Cumming, PhD

C Desrochers, PhD

DS Flemming

L Given, PhD

Y Guo, PhD

W Jerome, PhD

H Juergens, PhD

I Lewis, MEd

L Paradis, PhD

M Phair, MEd

R Spelliscy, PhD

D Swanson, PhD

GR Thomas, PhD

M Yurick, EdD

G Zwozdesky, BEd

Faculty Adjunct Associate Professors

F Burghardt, MEd

J Flaherty, MEd

D Ledgerwood

W Mather, MEd

MK McGregor, PhD

R McPhee, PhD

T Saarivirta, PhD

M Steier, MEd

E Whitford, MEd

SB Woitas, MEd

T Woods, MEd

Faculty Adjunct Assistant Professors

H Bach, PhD

G Brerton, Elder First Nations
F Brokop, MEd
C Huang, PhD
F Whiskeyjack, Elder First Nations**Educational Policy Studies****Professor and Chair**

JR Kelly, PhD

Professors

JL da Costa, EdD

RY Foster, PhD

JL Kachur, PhD

HA Kanuka, PhD

DP Kapoor, PhD

R Wilson, PhD

Associate Professors

DM Chovanec, PhD

LA Shultz, PhD

JM Sousa, PhD

B Stelmach, PhD

MW Stewart Harawira, PhD

CK Weber-Pillwax, PhD

RJ Wimmer, EdD

Assistant Professors

J Anuik, PhD

RS Sockbeson, PhD

EL Steinhauer, PhD

KD Wells, PhD

Adjunct Professors

J Carr, MEd

V Cawagas, EdD

C Kreber, PhD

A Mishra, PhD

E Schmidt, MEd

A Schrader, PhD

M Swanson, PhD

P Wilson, PhD

D Wood, PhD

N Yanitski, EdD

Adjunct Associate Professors

J Burger, PhD

E Harasymiw, PhD

KA Holihan, PhD

L Parker EdD

B Pickard, PhD

P Rempel, PhD

P Steeves, PhD

S Stiles, MEd

C Wentzell, PhD

S Wilson, PhD

Adjunct Assistant Professors

D Clément, PhD

L D'Elia, MEd

R Guimaraes-Iosif, PhD

E Lange, PhD

P McRae, PhD

GT Reid

P Rempel, PhD

P Steeves, PhD

TL Thompson, PhD

D Wishart, PhD

Assistant Chair (Administration)

S White, BA

Educational Psychology**Professor and Chair**

JP Leighton, PhD

Professors

GH Buck, PhD

MD Carbonaro, PhD

MJ Gierl, PhD

A Grace, PhD

DJ Larsen, PhD

RK Parrila, PhD

CM Rinaldi, PhD

FD Snart, PhD

D Truscott, PhD

Associate Professors

M Abbott, PhD

PM Boechler, PhD

Y Cui, PhD

LM Daniels, PhD

GK Georgiou, PhD

W Hanson, PhD

S King, PhD

LM McQuarrie, PhD

N Merali, PhD

M Mrazik, PhD

JR Pei, PhD

CA Poth, PhD

L Ranta, PhD

MJ Rossiter, PhD

V Smith, PhD

KJ Van Vliet, PhD

WJ Whelton, PhD

SC Yohani, PhD

Assistant Professors

O Bulut, PhD

D Cormier PhD

G Gauthier, PhD

D Hayward, PhD

A McInnes, PhD

Adjunct Professors

R Klassen, PhD

G Lefrancois, PhD

T Loreman, PhD

KA Noels, PhD

Adjunct Associate Professors

W Dunn, PhD

M Guardado, PhD

M Jahnukainen, PhD

M Lewis, MD

G Millar, PhD

B Monkhouse, PhD

S Varnhagen, PhD

Adjunct Assistant Professors

R Adkins, PhD

S Brenton-Haden, PhD

D Brown, PhD

S Carter, PhD

W Chambers, PhD

L Chmiliar, PhD

C Christianson, PhD

JC Dunn, PhD

W Edey, MEd

S ElAtia, PhD

RO Gervais, PhD

T Janzen, PhD

M Kadambi, PhD

J Light, MEd

R Lucardie, PhD

D Massey, PhD

V Massey, PhD

J Moench, PhD

L Moussu, PhD

M Nelson, PhD

A Oswald, MEd

R Petryshyn, PhD

W Randall, PhD

C Rasmussen, PhD

S Ross, PhD

D Russell, PhD

L Schnirer, PhD

G Stewart, PhD

B Symes, PhD

J Welch, PhD

JS White, PhD

E Wikman, PhD

Assistant Chair (Administration)

E Grieve, MLIS

Elementary Education**Professor and Chair**

L Prochner, EdD

Professors

HA Blair, PhD
SE Gibson, PhD
BJ Gustafson, PhD
A Kirova, PhD
AP Montgomery, DMusEd

Associate Professors

JL Branch-Mueller, PhD
CN Hickson, PhD
J Huber, PhD
M Kim, PhD
L Laidlaw, PhD
CA Leroy, PhD
LM McGarvey, PhD
C Peck, PhD
J Pegg, PhD
PV Pente, PhD
KM Robinson, PhD
L Witse, PhD
J Wu, PhD

Assistant Professors

T Cardinal, PhD
D Gledie, PhD
J Long, PhD
PJ McFeeters, PhD

Adjunct Professors

P Campbell, EdD
M Emme, PhD
H Pearse, PhD

Adjunct Associate Professors

D Dachyshyn, PhD
G Sterenberg, PhD

Adjunct Assistant Professors

L Barrankoik, PhD
J de Groot, PhD
J Ewing, PhD
L Macy, PhD
R Nixon, PhD
T Paszek, PhD
P Steeves, PhD
S Woitte, PhD

Assistant Chair (Administration)

V Grabia, MA

School of Library and Information Studies**Chair**

A Altmann, PhD

Professors

M Mackey, PhD
AHE Samek, PhD

Associate Professors

J Branch-Mueller, PhD
D Rathi, PhD
AA Shiri, PhD
D Zhao, PhD

Assistant Professors

M McNally, PhD
T Oliphant, PhD

Adjunct Professors

G Beasley, MA

Adjunct Assistant Professors

L Cook, MLS
G deVos, MLS

Secondary Education

Professor and Chair
FA Glanfield, PhD

Professors

OSE Bilash, PhD
TJ Dust, DMusEduc
jj jagodzinski, PhD
JB Parsons, PhD
GW Richardson, PhD

ESM Simmt, PhD

GP Thomas, PhD

Associate Professors

CA Adams, PhD
DW Chorney, PhD
DH Conrad, PhD
K den Heyer, PhD
DT Donald, PhD
WE Dunn, PhD
C Eppert, PhD
NM Nocente, EdD
J Wallin, PhD
B Watt, PhD

Assistant Professor

A Fidyk, PhD

Adjunct Professors

S Barker, PhD
M Mackey, PhD

Adjunct Associate Professors

L Cammarata
A Halai, PhD
F Jenkins, PhD
MC Shanahan, PhD

Adjunct Assistant Professors

R Bechtel, PhD
R Cardinal, Sr
W Diefenthaler, PhD
F Elliott PhD
MJ Mappin
B Oswald, MEd
J Proulx, PhD
R Sheridan-Carson, PhD

Assistant Chair (Administration)

V Grabia, MA

Education Centres**Canadian Centre for Research on Literacy Director**

LM Phillips, PhD

Centre for Global Citizenship Education and Research Director

L Shultz, PhD

Centre for Mathematics, Science and Technology Education Director

R Ritter, PhD

Centre for Research in Applied Measurement and Evaluation Director

M Gierl, PhD

Centre for Research in Teacher Education and Development Director

J Huber, PhD

Institute for Sexual Minority Studies and Services Director

A Grace, PhD and K Wells, PhD

JP Das Centre on Development and Learning Disabilities Director

R Parrila, PhD

Western Canadian Centre for Deaf Studies Director

LM McQuarrie, PhD

Additional Members of Faculty Council**President and Vice-Chancellor**

IV Samarasekera, O.C.

Registrar of the University

LM Collins

One Representative from

the following Faculties:
Agricultural, Life and
Environmental Sciences

Arts

Augustana Campus
Business
Extension
Faculté Saint-Jean
Native Studies
Nursing
Physical Education and
Recreation
Rehabilitation Medicine
Science

Herbert T Coutts Library

One Representative

Alberta Education

One Representative

Alberta Teachers' Association

One Representative

Education Students' Association

Two Representatives

Graduate Students' Association

Two Representatives

Non-academic Staff

Two Representatives

Sessional Staff

Two Representatives

Additional**Members of School of Library and Information Studies Council****President and Vice-Chancellor**

IV Samarasekera, O.C.

Dean, Faculty of Education

FD Snart, PhD

Representatives

Library Association of Alberta
Faculty of Arts

Faculty of Education

One representative School
Library Program, Faculty of
Education

One academic staff in Category

A, one from another
discipline

Two students, School of

Library and Information
Studies

72 General Information

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

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

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

72.1 Student Organizations

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

The ESA publishes an online handbook for all Education students, rents lockers located in the Education building, and conducts a number of social, academic and professional events throughout the year. Contact the ESA office (B-28 Education Centre South, 780 492-3650) for further details.

73 Faculty Regulations

73.1 Speech Competency

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

73.2 Registration Requirements

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

- 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 Kinesiology/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.
- 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.

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

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

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

- (1) A student in the combined program is not granted the privilege of repeating a failed course more than once during the program except with the permission of the Dean of Education and the Dean of Science. A student is not permitted to repeat a course in which a grade of D or more has been received except with the permission of the Dean of Education and the Dean of Science.
- (2) Courses with prerequisites may only be used for credit if the prerequisite requirements have been met. A grade of D is the minimum grade acceptable in a course to be used as a prerequisite.
- (3) Normally, no more than ★42 at the 100-level are permitted in the combined program.
- (4) A full-time student in the combined program should normally register in ★30 during Fall/Winter of each year of the program.
- (5) A student may be permitted to complete the requirements for the combined program over a longer period than five years on approval by the Dean of Education and the Dean of Science.

73.2.3 Field Experience Courses (Student Teaching)

- (1) Registration in field experience courses is a two-part process. Students must first register in EDFX courses using the Bear Tracks web registration system. Students must then access the Faculty’s Student Teaching Placement Information system via the Field Experiences website at www.fieldexperiences.ualberta.ca/
- (2) Students with special needs that might require accommodation should consult Undergraduate Student Services. Undergraduate Student Services may need to provide resources in order to facilitate the successful completion of field experience courses.
- (3) Because of the Faculty’s commitment to our school partners to ensure that student teachers are able to meet the expectations of full involvement in the school setting, students must not register in any courses additional to those defined as part of the field experience term unless they have received prior approval from the Associate Dean in Undergraduate Student Services.
- (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 any Introductory Field Experience is entitled to a second registration in an Introductory Field Experience. A student who has been assigned a grade of “W” or “NC” in any Advanced Field Experience is entitled to a second registration in an Advanced Field Experience. See also §22.1.3 (Reregistration in Courses). Any student who has been assigned a grade of “W” or “NC” in any Field Experience must receive the approval of Undergraduate Student Services to reregister in the course. Notwithstanding §22.1.3, if a student receives a “W” or “NC” in the second attempt of either an Introductory Field Experience or Advanced Field Experience, he/she will not be allowed to continue in the Faculty of Education.
- (6) The Faculty of Education is committed to a Regional placement program in which students are encouraged to complete field experiences beyond the greater Edmonton area in 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.
- (7) Students are expected to access the Field Experiences website at www.uofaweb.ualberta.ca/fieldexperiences before the beginning of their field experiences. The website provides specific information about student teaching and outlines what is expected of student teachers.
- (8) Students in the Faculty of Education 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. During the field experiences Student Teachers shall maintain an ethical and professional attitude toward all members of the school community. The Alberta Teachers’ Association Code of Professional Conduct will be a guideline for behavior in the school community. Student Teachers shall recognize and accept that the welfare of the students is of ultimate concern and that the Mentor Teacher has the final responsibility for what occurs in the classroom.

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

- (9) Program match is the most important variable when making placements. Access to transportation is not a determining factor 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.
- (10) Field experience courses other than EDFX 476 and EDFX 490 are not normally offered during Spring/Summer.

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 for additional information.

73.2.4 Important Dates - Field Experiences

- (1) **Elementary Route Withdrawal Deadlines—In the term in which students are registered in EDFX 325:**

On-campus courses:	End of Week 6 of Classes
EDFX 325:	End of Week 3 of Placement
- (2) **Elementary Route Withdrawal Deadlines—In the term in which students are registered in EDFX 425:**

On-campus courses:	End of Week 2 of Classes
EDFX 425:	End of Week 6 of Placement
- (3) **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
- (4) **Secondary Route Withdrawal Deadlines—Advanced Professional Term:**

On-campus courses:	End of Week 3 of Classes
EDSE 451:	End of Week 3 of Classes
EDFX 450:	End of Week 6 of Placement
- (5) Spring and Fall Break as per local school district.

73.3 Student Advising

Undergraduate Student Services (USS)

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

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

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

Associate Dean(s) (Teacher Education and Undergraduate Programs and Services)

The Associate Dean(s) are responsible for the overall administration of all matters related to the undergraduate program. The Associate Dean(s) 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 Faculty initiatives and any other issues arising in administering Faculty policies and regulations.

Assistant Dean (Field Experiences)

The Assistant 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 field experience terms.

Director of Student Support

The Director of Student Support meets with students who have encountered personal or academic difficulties. The Director of Student Support also works with Specialized Support and Disability Services to facilitate field experience accommodations.

73.4 Academic Standing and Promotional Standards

73.4.1 BEd; BEd (After Degree); BA (Native Studies)/ BEd Combined Degrees Program; BKin/BEd (Elementary) (Secondary) Combined Degrees Program; BSc in Human Ecology/BEd (Secondary) Combined Degrees Program

- (1) Academic standing for the Bachelor of Education; Bachelor of Education (After Degree); Bachelor of Arts (Native Studies)/Bachelor of Education Combined Degrees Program; Bachelor of Kinesiology/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(5) and 23.9.2 for information on calculation of GPAs and the academic record. The GPA is printed on the official transcript and the Statement of Results issued after each Fall/Winter or Spring/Summer period.

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

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

(2) Categories of Academic Standing:

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

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

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

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

73.4.2 Marginal Standing—Academic Warning

- (1) A student placed on Academic Warning resulting from Marginal Standing is bound by the following requirements:
- A student must complete ★24 credits with a GPA of 2.0; or complete a minimum of ★21 credits with a GPA of 2.3; or complete a minimum of ★18 credits with a GPA of 2.7; or complete a minimum of ★15 credits with a GPA of 3.0.
Note: Students are **not** required to complete these minimum number of units of course weight in one Fall/Winter.
 - A student on Academic Warning must maintain a GPA of at least 2.0 for each full session in which the student is enrolled.
 - A minimum of ★9 does not have to be completed for a performance review to be conducted when a student is on Academic Warning. A review will be done after each term on any work done. A minimum GPA of 2.0 must be maintained on all work.

- Registration in a field experience term will not be permitted while on Academic Warning. If special circumstances warrant, permission must be obtained from the Associate Dean Undergraduate Student Services.
- Students are not normally permitted to take courses at another institution while on Academic Warning.

(2) Required to Withdraw

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

(3) Readmission After Required to Withdraw

- A 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 §16.6.1 VII.
- 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. Further detailed information can be found in §§14.5, 23.6.2, and 220.5.
- Students who have been required to withdraw and who, after being readmitted, are again given Academic Warning will be required to withdraw and will not be readmitted to the Faculty.

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

- (1) Continuation in the Bachelor of Science (Specialization in Science and Education) and Bachelor of Education Combined Degrees Program requires a Fall/Winter Grade Point Average (GPA) of at least 2.3. A student who does not meet the requirement to continue in the combined degrees program must withdraw from the combined program and may apply for admission to either a BEd program or a BSc program, if eligible. Refer to §§16.6.1 or 16.15.1 for academic standing regulations for admission to the BEd or BSc General programs.

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

- (2) **Grade Point Average (GPA):** The Grade Point Average is the weighted average over all courses attempted while registered in Fall/Winter. See §§23.4(5) and 23.9.2 regarding rules for calculation of the GPA.

73.4.4 Academic Standing for the BMus/BEd Combined Degrees Program

- To be eligible to continue in the program, students will need a minimum GPA of 2.3 for each Fall/Winter. See §§23.4(5) and 23.9.2 for information on calculation of Fall/Winter GPAs and the academic record.
- Successful completion of the program requirements includes a GPA of 2.3 on all courses completed in the program.
- Students must complete at least ★33 during each Fall/Winter in every year except Year 4 where ★30 is required. A reduced course load to ★24 requires only the approval of the Department of Music; a course load of less than ★24 requires the approval of both Faculties and is based on a recommendation from the Department of Music.
- Students who fail to meet the requirements for promotion as outlined in (1) above will be required to withdraw from the BMus/BEd Combined Degrees program. Such students may transfer to another program in the Faculty of Arts, the Faculty of Education or another Faculty, provided the entrance and promotion requirements for such a program are met. After transfer, all requirements for the new program must be met.
- Students who fail to meet the fifth-year requirements in the program will be permitted to fulfill those requirements only with the approval of the Faculty of Arts and the Faculty of Education upon the recommendation of the Department of Music. Otherwise, students must withdraw from the

program and, if so desired, transfer to another program in the Faculty of Arts or Education for which they are able to meet entrance and promotion requirements.

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

73.4.4.1 Residence Requirements

- (1) Students proceeding toward the BMus/BEEd Combined Degrees program must normally have credit in at least ★96 offered by the University of Alberta.
- (2) Students who take part of their final ★60 at another postsecondary institution must seek the approval of the Department of Music, the Faculty of Arts, and the Faculty of Education.

73.4.5 Academic Standing for the BA (Drama)/BEEd Combined Degrees Program

- (1) To be eligible to continue in the program, students will need a minimum GPA of 2.3 for each Fall/Winter.
- (2) A 2.7 GPA is required on all senior level (200-level and above) DRAMA courses.
- (3) Successful completion of the program requirements includes a grade point average of 2.3 on all courses credited to the degrees (★150) and a 2.7 GPA on all senior DRAMA courses applied to the major.
- (4) ★30 are recommended each Fall/Winter; however, students are required to complete at least ★24 during each Fall/Winter. A reduced course load below ★24 must be approved by both the Faculty of Arts and the Faculty of Education, and is based on a recommendation from the Department of Drama.
- (5) Students who fail to meet the requirements for promotion are required to withdraw from the BA (Drama)/BEEd Combined Degrees program. Such students may transfer to another program in the Faculty of Arts, the Faculty of Education or another Faculty, if entrance and promotion requirements for such a program are met. After transfer, all requirements for the new program must be met.
- (6) Students who fail to meet the fifth-year requirements in the program are permitted to fulfil those requirements only with the approval of the Faculty of Arts and the Faculty of Education upon the recommendation of the Department of Drama. Otherwise, students must withdraw from the program, and, if so desired, transfer to another program in the Faculty of Arts or Education for which they are able to meet entrance and promotion requirements.
- (7) The BA (Drama)/BEEd Combined Degrees program may be interrupted only with the prior consent of the Department of Drama, the Faculty of Arts, and the Faculty of Education. Readmission and continuation will be subject to any conditions imposed by the Faculties and new program requirements that may be specified by the Department of Drama, the Faculty of Arts, and the Faculty of Education.

73.4.5.1 Residence Requirements

- (1) Students proceeding toward the BA (Drama)/BEEd Combined Degrees program must have credit in at least ★75 offered by the University of Alberta.
- (2) After admission to the program, any request to take courses at another postsecondary institution must be approved by both the Faculty of Arts and Education, based on a recommendation of the Department of Drama.

73.4.6 Academic Standing for the Bachelor of Science (BSc)/Bachelor of Education (BEEd) (Secondary) Combined Degrees Program (Augustana)

- (1) Continuation in the Bachelor of Science (BSc)/Bachelor of Education (BEEd) (Secondary) Combined Degrees Program (Augustana) requires a Fall/Winter Grade Point Average (GPA) of a 2.3. A student who does not meet the requirement to continue in the degrees program must withdraw from the program and may apply for admission to either a BEEd program or a BSc program, if eligible.

73.4.6.1 Residence Requirements

- (1) Students proceeding toward the BA (Drama)/BEEd Combined Degrees program must have credit in at least ★75 offered by the University of Alberta.
- (2) After admission to the program, any request to take courses at another postsecondary institution must be approved by both the Faculty of Arts and Education, based on a recommendation of the Department of Drama.

73.5 Appeals

73.5.1 BEEd; BEEd (After Degree); BA (Native Studies)/BEEd Combined Degrees Program; BMus/BEEd Combined Degrees Program; BKin/BEEd (Elementary) (Secondary) Combined Degrees Program; BSc in Human Ecology/BEEd Combined Degrees Program; BA (Drama)/BEEd 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 Kinesiology/Bachelor of Education (Elementary) (Secondary) Combined Degrees Program; Bachelor of Science in Human Ecology/Bachelor of Education Combined Degrees Program; Bachelor of Arts (Drama)/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 Associate Dean in Undergraduate Student Services. If the matter remains unresolved, students may then appeal to the Faculty Academic Appeals Committee.

Further details of the Faculty's appeal procedures are available from the Director of Student Support or the Associate Dean in Undergraduate Student Services, 1-107 Education Centre North. Certain decisions of the Faculty Academic Appeals Committee may be appealed to the General Faculties Council Appeals Committee. See §23.8.

73.5.2 BEEd/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 Associate Dean, Undergraduate, and they decide on the appeal and inform the student.
- (2) If the student is not satisfied with the decision, the student may appeal, in writing, to the Dean of Education. The Dean of Education consults the Dean of Science. They decide on the appeal and inform the student. An appeal to the Dean must be made within 15 days of receiving the written decision from the Associate Dean.
- (3) If the student is still not satisfied, the student may appeal, in writing, to the Bachelor of Education/Bachelor of Science (Specialization in Science and Education) Program Appeals Committee on Academic Standing. An appeal to this committee must be made within 30 days of receiving the written decision from the Deans.
- (4) If the latter appeal decision is not satisfactory, the student has the right to appeal to the GFC Academic Appeals Committee. An appeal to this committee must be made within 30 days of receiving the written decision from the Combined Program Appeals Committee.

73.5.3 Bachelor of Science (BSc)/Bachelor of Education (BEEd) (Secondary) Combined Degrees Program (Augustana)

- (1) A student in the Bachelor of Science (BSc)/Bachelor of Education (BEEd) (Secondary) Combined Degrees Program (Augustana) seeking a review of

a decision on academic standing must first consult an Associate Dean in 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 Associate Dean, Academic Programs, from the Augustana Faculty, and they decide on the appeal and inform the student.

73.6 Reexamination

See §23.5.5.

73.7 Graduation

73.7.1 BEd and BEd (After Degree)

- (1) To receive the Bachelor of Education degree, students must:
 - a. successfully complete a minimum of ★60 of their program at the University of Alberta and a minimum of ★45 after admission to the Faculty of Education (After Degree students must complete a minimum of ★30 after admission to the Faculty of Education);
 - b. obtain a graduation GPA of 2.0 calculated on the most recent ★60 completed at the University of Alberta for the Bachelor of Education or the most recent ★45 completed at the University of Alberta for the Bachelor of Education/After Degree. Courses with non-numeric marks are included in the credit count but not in the calculation of the average; and
 - c. successfully complete all field experience requirements.
- (2) Students may complete up to ★12 in addition to those required for the degree program to raise their graduation GPA to the required level of 2.0.
- (3) To qualify for the notation "With Distinction" on their parchment, students must have achieved a graduation GPA of 3.5.
- (4) For students expecting to convocate at Spring Convocation, all course requirements must be completed by April 30. Those completing degree requirements during Spring/Summer will be eligible for Fall Convocation.
- (5) For the After Degree Program students must graduate with the following courses:

Elementary Route

- ★54 - ★60 in Education courses
- ★6 in English Literature and Composition
- ★3 in Mathematics

Secondary Route

- ★48 - ★54 in Education courses
 - ★36 in the Major,
 - ★9-18 in the Minor,
 - ★6 in English/French Literature and Composition
- Some of these requirements may be completed prior to admission.

73.7.2 BA (Native Studies)/BEd Combined Degrees Program

- (1) Graduation requirements include an overall grade point average of 2.0 on all courses completed in the ★150 program, and a GPA of 2.1 on all courses completed in the Native Studies major.
 - a. 100-level courses: For the purpose of the combined degrees program normally no more than ★60 at the 100-level may be taken for degree credit.
- (2) To qualify for the Bachelor of Native Studies and the Bachelor of Education degrees, students must successfully complete relevant program requirements, have met the promotion, graduation, final year, and residence requirements, and have received the recommendation of the Faculty 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 Faculty.

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

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

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

Notes

- (1) Only successfully completed courses applicable to the students' Bachelor of Science (Specialization in Science and Education)/Bachelor of Education (Secondary) Combined Degrees Program will be used to calculate the graduation GPA.
- (2) Students will be allowed to take up to ★12 in addition to those required for the degree program to raise their graduation GPA to the required level of 2.3.
- (3) Students who take part of the final ★60 at another postsecondary institution must seek approval of the Associate Dean (Undergraduate Student Services).
- (4) To qualify for the notation "With Distinction" on their parchment, students must achieve a graduation GPA of 3.5.

73.7.4 BMus/BEd (Secondary) Combined Degrees Program

- (1) To qualify for the Bachelor of Music/Bachelor of Education (Secondary) Combined Degrees Program, students must successfully complete relevant curriculum requirements, the promotion, final year and residence requirements, and receive the recommendation of the Department of Music, the Faculty of Arts, and the Faculty of Education.
- (2) Degrees With Distinction shall be awarded to students who achieve a grade point average of 3.5 or more, both on all of the units of course weight credited to the program and on all of the units of course weight in Music. In the case that transfer or other students have attempted, as part of their program, courses at other institution, the Degree "With Distinction" will be awarded at the discretion of the Faculties.

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

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

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

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

73.7.7 BA (Drama)/BEd Combined Degrees Program

To qualify for the Bachelor of Arts (Drama) /Bachelor of Education Combined Degrees, students must successfully complete relevant curriculum requirements, meet the promotion, final year and residence requirements, and receive the recommendation from both the Faculty of Arts and the Faculty of Education.

Degrees With Distinction shall be awarded to students who achieve an average of at least 3.5 or better on the last ★90 of their programs completed at the University of Alberta, including failed courses but excluding any courses not credited to the degree. If the last ★90 of the program at the University of Alberta do not fall exactly within a given Fall/Winter or Spring/Summer, a weighted average is used. Please contact the Undergraduate Student Services Office in the Faculty of Arts or Education for further information.

73.7.8 Bachelor of Science (BSc)/Bachelor of Education (BEd) (Secondary) Combined Degrees Program (Augustana)

- (1) To receive the Bachelor of Science (BSc)/Bachelor of Education (BEd) (Secondary) Combined Degrees (Augustana), a student must successfully complete all requirements of the degrees program.

- (2) The graduation average is calculated on the most recent ★90 credits and must be at least 2.3 on all courses with numeric grades that are credited towards the program.
- (3) A Major GPA of at least 2.3 has been achieved, calculated over all courses in the Major Subject, but not including prerequisite and supporting courses.
- (4) Students may complete up to ★12 in addition to those required for the degree program to raise their graduation average to the required level of a 2.3.
- (5) To qualify for the notation of "With Distinction" on their parchment, students must have achieved a graduation GPA of a 3.5 or higher.

73.8 Special Faculty Regulations

- (1) **Transfer from One Route to Another:** Students who wish to change their route should consult Undergraduate Student Services. Route changes are possible, but students must meet all the requirements of the new route, which may involve additional coursework. Admission to the new route is on a competitive basis.
Students wishing to change their Route must submit an Application for Readmission/Internal Transfer form to the Office of the Registrar.
- (2) **Review of Programs:** A student who has failed to complete the degree in 15 years, may have the program reviewed and, if necessary, rearranged according to prevailing requirements.
- (3) **Attendance at Another Institution as a Visiting Student:** Prior to registering in any course at another institution, all degree/diploma students in the Faculty of Education must apply to Undergraduate Student Services for permission. Approval may be granted for students who are:
 - a. registered in at least ★3 credits at the University of Alberta in the Fall Term;
 - b. in Satisfactory Standing (i.e., GPA of 2.0 or greater depending on the program) or have a minimum GPA of 2.7 if this request will result in a course overload.

Approval will not be granted if students have already received the maximum allowable transfer credits.

73.9 Teaching Certification

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

Students attending the University of Alberta on a Study Permit who successfully complete the Bachelor of Education program, may apply to Citizenship and Immigration Canada for a work permit. Upon receipt of a valid work permit, they may apply to Alberta Education for the Alberta Interim Professional Certificate.

To be recommended for an Alberta Teaching Certificate, a student must have completed a Bachelor of Education degree and ★48 of Education courses.

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

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

- (1) A person who has been convicted of an indictable offence under the Criminal Code; or
- (2) A person whom the Registrar, Teacher Certification and Development at Alberta Education has reason to believe should not be issued a certificate.

Applications for a teaching certificate shall be directed to the Registrar, Teacher Certification and Development at Alberta Education. 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, Teacher Certification and Development at Alberta Education shall refuse to issue a teaching certificate to any applicant possessing an indictable criminal conviction. The Registrar, Teacher Certification and Development at Alberta Education 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 (Teacher Certification and Development at Alberta Education) decision not to issue a certificate.

74 Professional Standards

Students' performance and behavior in the classroom on campus and while student teaching in the schools are subject to the guidelines laid out in the Code of Student Behavior available on the University Governance website at www.governance.ualberta.ca, the Practicum Intervention Policy (§23.8.2), and the Alberta Teachers' Association Code of Professional Conduct.

74.1 Police Information Check

Students should be aware that under the *Protection for Persons in Care Act*, all new employees, volunteers and other people engaged for services by designated agencies (hospitals, nursing homes, lodges, group homes, etc.) must complete a Police Information Check (also known as a Criminal Record Check, Security Clearance Check, or Police Clearance), which must include a Vulnerable Sector Check. In addition, certain other agencies, organizations, and educational facilities may require students to present a Police Information Check prior to entering a practicum, work placement term, internship, or field experience placement.

Students who have concerns related to their ability to provide a clear Police Information Check should consult with the Undergraduate Student Services. Students will be informed of the need for a Police Information Check prior to specific internship/practicum/work experience placement. See §23.8.3 for more information on the general requirements concerning Police Information Check and the fees associated with them.

74.2 Field Experience Placements and Professional Practice

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 for additional information.

75 Programs of Study

75.1 Degree of BEd

Underlying Principles

The following principles underlie all teacher preparation programs:

- (1) The education of a teacher is a continuous, life-long process. In addition to emphasizing basic or fundamental preparation, the initial pre-service experience should aid the development of attitudes that encourage self-evaluation and improvement, and the acquisition of knowledge and skills that facilitate life-long learning.
- (2) All teacher preparation degree programs provide intending teachers with essential practical skills, a knowledge of theory and its relationship to practice, liberal studies, and subject-matter competence.
- (3) The Faculty of Education is committed to providing quality teacher preparation programs and recognizes the importance of continuously monitoring, evaluating and refining its offerings to adequately reflect changes in society and advances in knowledge.
- (4) The Bachelor of Education degree consists of a minimum of ★120.

Program Planning

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

Students are responsible for being acquainted with all applicable regulations and meeting the requirements for the degree as outlined. Any exceptions to the requirements must be approved in writing by the Associate

Dean (Undergraduate Student Services) with one copy to be placed in the student's file and one to be given to the student.

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

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

75.2 Adult Education Route

75.2.1 General Information

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

The Adult Education Route will not qualify for Teacher Certification.

Time Limit for Completing the Adult Education Route BEd Degree.

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

75.2.2 Components of the Program

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

Advanced Standing (★30)

Students entering this program are given ★30 of Advanced Standing for the following courses: EDAE 223 (★3); EDAE 243 (★3); EDAE 323 (★3); EDAE 343 (★3); EDAE 423 (★3); EDAE 443 (★3); EDFX 497 (★12). See §16.6.1(1)c.

Required Courses (★90)

Adult Education Courses (★18): EDAE 390 (★3); EDAE 445 (★3); EDAE 460 (★3); EDAE 461 (★3); EDAE 475 (★3); EDAE 485 (★3).

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

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

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

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

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

Open Options (★9): Select any courses from any Faculty.

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

75.3 Elementary Education Route

75.3.1 General Information

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

75.3.2 Components of the Program

All students in the Elementary Route are enrolled in a generalist program that prepares prospective teachers in the required elementary school subjects. This degree consists of ★120. Students entering the Elementary Route must take at least ★42 of the ★51 required Non-Education Elements courses prior to registration in Year 3 of the program. Students should consult the program sheet provided at admission and seek advice from the Faculty of Education Undergraduate Student Services Office.

Program Requirements (★120)

Years 1 and 2

- (1) **Education Courses (★9)**

EDU 100 (★3), 210 (★3), 211 (★3)

Note: It is recommended that students take all three Education courses of Years 1 and 2 prior to registration in Year 3 of the program.

(2) **Non-Education Elements Courses (★51)**

Chosen from the following eight areas:

- Aboriginal and Indigenous Histories and Culture (★3)
 - ★3 chosen from ANTHR 150, 207, 323, 350, 385, 393, 401, 422, 424, 436, 438; HECOL 201, 462; HIST 368, 369; NS 110, 111, 152, 200, 260, 300, 314, 320; POL S 327; SOC 100, 367
- Fine Arts (★6)
 - ★6 chosen from Art, Art History (Canadian Art History preferred); Dance; Design; Drama; Music; NS 260; or HECOL 201
- Language/Literature (★9)
 - ★6 chosen from English or WRS
 - ★3 chosen from Senior English or Linguistics
- Mathematics (★6)
 - ★6 chosen from Mathematics and/or Statistics (MATH 160 and 260 recommended). Up to ★3 may be chosen from CMPUT, PEDS 109, PSYCO 212, SOC 210 or equivalent.
- Natural Science (★6)
 - A minimum of ★3 chosen from Anatomy, Astronomy, Biology, Chemistry, Earth and Atmospheric Sciences (from Faculty of Science), Environmental and Conservation Sciences, Forest Sciences, NUTR 100, Physics, Physiology, Plant Science, or Soil Science
 - ★3 chosen from the list above or from PHIL 217, 265, HIST 270, STS 200
- Physical and Health Education (★6)
 - ★3 chosen from PEDS, PAC, DAC (PEDS 293 recommended)
 - ★3 chosen from ANTHR 393; HECOL 200, 210, 211, 310; HE ED 110, or SOC 271
- Social Science (★6)
 - As specified below:
 - ★3 in Canadian history chosen from: HIST 260, 261, 287, 350, 358, 359, 360, 362, 365, 366, 367, 368, 369, 371, 374, 375, 376, 377
 - ★3 chosen from Anthropology, Classics, Economics, History, Human Geography & Planning, Native Studies, Philosophy, Political Science, Religion, or Sociology: ANTHR 150, 206, 207; CLASS 103; ECON 101, 102; HGP 100, 240, 250, 252, 341, 381; HIST 260, 261, 287, 350, 358, 359, 360, 362, 365, 366, 367, 368, 369, 371, 374, 375, 376, 377; NS 110, 111, 200, 240, 260, 300, 314, 320, 335, 355, 361, 362, 370; PHIL 101, 270, 355, 357, 368; POL S 221, 266, 299; RELIG 212, 220, 322, 329; or SOC 203
- Non-Education Options (★9)
 - These ★9 can be used to further develop teaching interests in specific areas.

Note: Students must take at least ★42 of the Non-Education Elements coursework (a – h above) of Years 1 and 2 prior to registration in Year 3 of the program.

Year 3

Fall Term: Course Requirements

- EDPY 302 (★3)
- EDEL 305 (★3)
- ★3 chosen from EDEL 302, 316, 321, 325, 330, 335
- Open Option (★6) [★3 EDEL (300-Level) Recommended]

Winter Term: Introductory Professional Term

- EDFX 325 (★6)
- ★6 chosen from EDEL 302, 316, 321, 325, 330, 335
- EDPY 303 (★3)

Note: EDEL 316 **must** be taken in Year 3.

Year 4

Fall Term: Advanced Professional Term

- EDFX 425 (★9)
- ★3 chosen from EDEL 302, 321, 325, 330, 335
- EDPY 301 (★3)

Winter Term: Course Requirements

- EDPS 410 (★3)
- EDEL (300-Level) Option (★3)
- EDEL (400-Level) Option (★3)
- Education Elective (★3)
- Open Option (★3) (Education Coursework Recommended)

75.4 Secondary Education Route

75.4.1 General Information

The Secondary Education route includes 14 weeks of student teaching. Students enrol in the Introductory Professional Term (5 weeks of student teaching) and the Advanced Professional Term (9 weeks of student teaching).

Students in the Introductory Professional Term usually teach in their Major subject specialization, while students enrolled in the Advanced Professional Term usually teach in their Major subject specialization, with a possibility of teaching in their Minor subject specialization.

75.4.2 Components of the Program

All students in the Secondary Route must choose a Major teaching subject (★36) and a Minor teaching subject (★18) which prepares them for teaching in specific subjects of school instruction. Available Majors are listed in Education Chart 1, and available Minors are listed in Education Chart 2. Students pursuing the Secondary Route are strongly encouraged to take the following components as early as possible in their program: ★6 in English/French Literature and Composition, EDU 100, EDU 210, EDU 211, at least ★9 in the Major teaching subject, at least ★9 in the Minor teaching subject all of which are required for later professional terms.

Program Requirements (★120)

Years 1, 2 and 3

(1) Education Courses (★9)

EDU 100 (★3), 210 (★3), 211 (★3)

Note: It is recommended that students take all three Education courses of Years 1 and 2 prior to registration in Year 3 of the program.

(2) English/French Literature and Composition (★6)

Note: Select approved courses from CLASS 102, 221, Comparative Literature (C LIT), English (ENGL), FREN 301, 311, 312, 313, 314, 380, 462, 463, 464, 467, 468 or Writing Studies (WRS).

(3) Major teaching subject (★36)

(4) Minor teaching subject (★18)

(5) Open Options (★6) (★3 of Education Coursework Recommended)

Years 3 and 4

Students should refer to their individual Program Sheets for proper course sequencing.

Course Requirements (★15)

(1) EDPS 410 (★3)

(2) EDPY 301 (★3)

(3) EDPY 304 (★3)

(4) Education Elective (★3)

(5) EDSE 3XX (★3) Curriculum and Teaching for Secondary School Minors (see Note 1).

Field Experience Terms

Courses taken in the Field Experience Terms are normally taken concurrently.

Introductory Professional Term (★15) (see Note 2)

(1) EDPY 303 (★3)

(2) EDSE 307 (★3)

(3) EDSE 3XX (★3) Curriculum and Teaching for Secondary School Majors I

(4) EDPY 350 (★6)

Advanced Professional Term (★15) (see Note 3)

(1) EDSE 451 (★3)

(2) EDSE 4XX (★3) Curriculum and Teaching for Secondary School Majors II

(3) EDPY 450 (★9)

Notes

(1) ★9 in the minor teaching subject is a prerequisite for EDSE 3XX. See Education Chart 2 for the specific EDSE 3XX course required.

(2) ★9 in the major teaching subject and Year 3 Education courses are prerequisites for the Introductory Professional Term. See Education Chart 1 for the specific EDSE 3XX course required.

(3) ★24 in the major teaching subject and the Introductory Professional Term are prerequisites for the Advanced Professional Term. See Education Chart 1 for the specific EDSE 4XX course required.

Some Majors may be completed more efficiently by taking specific courses in the first year(s) of study. 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 1.

Note: In addition to the ★36 of Non-Education courses that comprise the Major, ★9 of Curriculum and Teaching courses are associated with the Major which address the program of studies and the processes that facilitate students' learning.

Some Minors may be completed more efficiently by taking specific courses in the first year(s) of study. 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 2.

Note: In addition to the ★18 of Non-Education courses that comprise the Minor, ★3 of Curriculum and Teaching courses are associated with the Minor which also address the program of studies and the processes that facilitate students' learning.

Notes

- (1) Students who fulfil the requirement for ★6 in English/French Literature and Composition as part of their Major or Minor (e.g., in English Language Arts or French) may take 6 of open options in lieu of the Literature and Composition requirement.
- (2) Students enrolled in Field Experience courses should note the following:
 - a. Final examinations in concurrent lecture courses may be scheduled outside designated examination weeks.
 - b. Students may be required to student teach during designated examination weeks.
 - c. Reading Week (Winter Term) may be moved to coincide with school systems' Spring Break.

75.4.3 Career and Technology Studies

Career and Technology Studies (CTS) is an Alberta Education program consisting of numerous one credit courses within five clusters:

- (1) Business, Administration, Finance, and IT (BIT);
- (2) Health, Recreation, and Human Sciences (HRH);
- (3) Media, Design, and Communication Arts (MDC);
- (4) Natural Resources (NAT); and
- (5) Trades, Manufacturing, and Transportation (TMT).

Each cluster is a pathway. Specialized and credentialed pathways are available to Alberta's senior high students.

In the CTS curriculum area, there are 10 majors and 10 minors. Students cannot enrol in both a major and a minor in CTS.

The 10 majors and minors are:

- (1) CTS: Business, Administration, Finance (BIT)
- (2) CTS: Computing Science (BIT)
- (3) CTS: Health (HRH)
- (4) CTS: Recreation (HRH)
- (5) CTS: Human Sciences (HRH)

Note: Previously known as Human Ecology: Community Health, Fashion Studies and Foods

- (6) CTS: Media (MDC)
- (7) CTS: Design (MDC)
- (8) CTS: Communication Arts (MDC)
- (9) CTS: Natural Resources (NAT)
- (10) CTS: Trades, Manufacturing and Transportation (TMT)

CTS Majors (★36): See Education Chart 1: CTS Major programs for course requirements.

Students must take EDSE 317 during the IPT*, which is normally offered in the Fall Term only.

Students must take EDSE 417 and 451 during the APT**, which are normally offered in the Winter Term only.

Note: For students granted up to ★30 advanced standing (e.g., provincial and federal journey certification or two-year diploma) refer to Education Chart 1 Requirements for Major Teaching Subject in the Secondary Education Route for required courses. Contact the Department of Secondary Education for more information.

CTS Minors (★18): See Education Chart 2: CTS Minor programs for course requirements.

Students must take EDSE 318. It is normally offered in the Fall Term only.

CTS BEd After Degree: See § of the *University of Alberta Calendar*

Note: BSc in Human Ecology/BEd (Secondary) Combined Degrees: See §§16.1.7 and 75.11 of the *University of Alberta Calendar*.

Education Chart 1 Requirements for Major Teaching Subject in the Secondary Education Route

Art (★36)

- ★3 ART 134
- ★3 DES 135
- ★6 chosen from ART H 101/102 or 206/256
- ★12 to ★18 chosen from Art, Art History or Design courses or EDES 402 (Art Camp)
- ★6 to ★12 chosen from EDIT 488; HECOL 250; NS 260; PHIL 280; PSYCO 495; SOC 461; or any FS, ART, or DES.

Students must take EDSE 312 during the IPT*, which is normally offered in the Fall Term only.

Students must take EDSE 412 and 451 during the APT**, which is normally offered in the Winter Term only.

Art (★36) at Augustana

- ★3 AUART 111
- ★3 AUART 112 or 113
- ★3 AUART 101
- ★3 AUART 102
- ★6 AUART 231/232
- ★6 AUART 271/272
- ★3 AUART 215
- ★9 chosen from any AUART or, AUPHI 365, AUCLA 291, or AUCLA 293

Students must take EDSE 312 during the IPT*, which is normally offered in the Fall Term only.

Students must take EDSE 412 and 451 during the APT**, which is normally offered in the Winter Term only.

Note: Students may complete the requirements for the Art major by completing courses offered at the Augustana campus in Camrose, Alberta.

Biological Sciences (★36)

- ★6 BIOL 107/108
- ★6 BIOL 207/208
- ★3 BOT 205
- ★3 to ★6 chosen from PHYSL 212, 214; ZOOL 241, 242
- ★3 to ★6 chosen from ANTHR 230; BIOL 315, CHRTK 350, 352, CLASS 294; HIST 115, 294, 391, 394, 396, 397, 398, 496; PHIL 217, 265, 317, 375; PHYS 261; STS 200, WGS 350
- ★9 to ★15 but with no more than ★9 in each of Astronomy, Biochemistry, Biological Sciences (including Botany, Forestry, Genetics, Microbiology, Soils and Zoology), Chemistry, Environmental Sciences [EAS (Faculty of Science), ENCS, REN R], Mathematics, Physics.

Students must take EDSE 352 during the IPT*, which is normally offered in both the Fall and Winter Terms. Students must take EDSE 452 and 451 during the APT**, which is normally offered in both the Fall and Winter Terms.

Notes

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

Career and Technology Studies: Business, Administration, Finance (BIT) (★36)

- ★3 ACCTG 300 or 311
- ★3 B LAW 301
- ★6 ECON 101 and 102
- ★3 EDSE 495
- ★6 chosen from CMPUT 174, 175, or MIS 311
- ★6 chosen from FIN 301, MARK 301, and SMO 301, 430.
- ★3 to ★6 chosen from MATH 113 or STAT 151
- ★3 to ★6 chosen from Chart 2 Career and Technology Studies Minor Requirements (recommend EDCT or EDIT courses)

OR

- ★3 EDSE 495
- ★3 chosen from Chart 2 Career and Technology Studies Minor Requirements
- ★30 Advanced Standing for a minimum two-year certificate or diploma, applicable provincial or federal journey certification, or degree required. Contact the Department of Secondary Education for more information. Students must take EDSE 317 during the IPT*, which is normally offered in the Fall Term only. Students must take EDSE 417 and 451 during the APT**, which is normally offered in the Winter Term only.

Notes

- (1) See overview of Career and Technology Studies Majors and Minors §75.4.3.
- (2) Up to ★30 Advanced Standing can be granted for relevant provincial and federal journey certification, degree, or two-year certificate or diploma in Career and Technology Studies major categories. Contact the Department of Secondary Education for more information.

Career and Technology Studies: Computer Science (BIT) (★36)

- ★6 CMPUT 174, 175
- ★6 chosen from CMPUT 201, 204, 229, 272, 291 (See Note)
- ★12 chosen from senior level CMPUT
- ★3 EDSE 495
- ★3 to 6 chosen from MATH 113 or 114, 115, 120 or 125, STAT 151
- ★3 to ★6 chosen from Chart 2 Career and Technology Studies Minor Requirements (recommend EDCT or EDIT courses)

Note: Prerequisites for higher level CMPUT courses must be considered when choosing courses.

OR

- ★3 EDSE 495
- ★3 chosen from Chart 2 Career and Technology Studies Minor Requirements
- ★30 Advanced Standing for a minimum two-year certificate or diploma, applicable provincial or federal journey certification, or degree required. Contact the Department of Secondary Education for more information.

Students must take EDSE 317 during the IPT*, which is normally offered in the Fall Term only.

Students must take EDSE 417 and 451 during the APT**, which is normally offered in the Winter Term only.

Notes

- (1) See overview of Career and Technology Studies Majors and Minors §75.4.3.
- (2) Up to ★30 Advanced Standing can be granted for relevant provincial and federal journey certification, degree, or two-year certificate or diploma in Career and Technology Studies major categories. Contact the Department of Secondary Education for more information.

Career and Technology Studies: Health (HRH) (★36)

- ★3 EDSE 495
 - ★3 chosen from Chart 2 Career and Technology Studies Minor Requirements
 - ★30 Advanced Standing for a minimum two-year certificate or diploma, applicable provincial or federal journey certification, or degree required. Contact the Department of Secondary Education for more information.
- Students must take EDSE 317 during the IPT*, which is normally offered in the Fall Term only.
- Students must take EDSE 417 and 451 during the APT**, which is normally offered in the Winter Term only.

Notes

- (1) See overview of Career and Technology Studies Majors and Minors §75.4.3.
- (2) Up to ★30 Advanced Standing can be granted for relevant provincial and federal journey certification, degree, or two-year certificate or diploma in Career and Technology Studies major categories. Contact the Department of Secondary Education for more information.

Career and Technology Studies: Recreation (HRH) (★36)

- ★3 EDSE 495
 - ★3 chosen from Chart 2 Career and Technology Studies Minor Requirements
 - ★30 Advanced Standing for a minimum two-year certificate or diploma, applicable provincial or federal journey certification, or degree required. Contact the Department of Secondary Education for more information.
- Students must take EDSE 317 during the IPT*, which is normally offered in the Fall Term only.
- Students must take EDSE 417 and 451 during the APT**, which is normally offered in the Winter Term only.

Notes

- (1) See overview of Career and Technology Studies Majors and Minors §75.4.3.
- (2) Up to ★30 Advanced Standing can be granted for relevant provincial and federal journey certification, degree, or two-year certificate or diploma in Career and Technology Studies major categories. Contact the Department of Secondary Education for more information.

Career and Technology Studies: Human Sciences (HRH) (★36)

Note: Previously known as Human Ecology: Community Health, Fashion Studies, and Foods

- ★3 EDSE 495
- ★3 HE ED 110
- ★3 HECOL 100
- ★3 NU FS 100
- ★3 NU FS 200
- ★3 NU FS 223
- ★3 chosen from AREC 173; REN R 271; senior level EDCT
- ★3 NUTR 100
- ★12 chosen from Chart 2 Career and Technology Studies Minor Requirements

OR

- ★3 ART 134
- ★3 DES 135
- ★3 EDSE 495
- ★3 HECOL 201
- ★3 HECOL 250
- ★3 HECOL 254
- ★3 chosen from HECOL 333, 454 or 464
- ★3 HECOL 354
- ★12 chosen from Chart 2 Career and Technology Studies Minor Requirements

OR

- ★3 EDSE 495
- ★3 chosen from Chart 2 Career and Technology Studies Minor Requirements
- ★30 Advanced Standing for a minimum two-year certificate or diploma, applicable provincial or federal journey certification, or degree required. Contact the Department of Secondary Education for more information.

Students must take EDSE 317 during the IPT*, which is normally offered in the Fall Term only.

Students must take EDSE 417 and 451 during the APT**, which is normally offered in the Winter Term only.

Notes

- (1) See overview of Career and Technology Studies Majors and Minors §75.4.3.
- (2) Up to ★30 Advanced Standing can be granted for relevant provincial and federal journey certification, degree, or two-year certificate or diploma in Career and Technology Studies major categories. Contact the Department of Secondary Education for more information.

Career and Technology Studies: Media (MDC) (★36)

- ★3 EDSE 495
- ★3 chosen from Chart 2 Career and Technology Studies Minor Requirements
- ★30 Advanced Standing for a minimum two-year certificate or diploma, applicable provincial or federal journey certification, or degree required. Contact the Department of Secondary Education for more information.

Students must take EDSE 317 during the IPT*, which is normally offered in the Fall Term only.

Students must take EDSE 417 and 451 during the APT**, which is normally offered in the Winter Term only.

Notes

- (1) See overview of Career and Technology Studies Majors and Minors §75.4.3.
- (2) Up to ★30 Advanced Standing can be granted for relevant provincial and federal journey certification, degree, or two-year certificate or diploma in Career and Technology Studies major categories. Contact the Department of Secondary Education for more information.

* Introductory Professional Term

** Advanced Professional Term

Education Chart 1 Requirements for Major Teaching Subject in the Secondary Education Route (cont'd)

Career and Technology Studies: Design (MDC) (★36)

- ★3 EDSE 495
- ★3 chosen from Chart 2 Career and Technology Studies Minor Requirements
- ★30 Advanced Standing for a minimum two-year certificate or diploma, applicable provincial or federal journey certification, or degree required. Contact the Department of Secondary Education for more information.

Students must take EDSE 317 during the IPT*, which is normally offered in the Fall Term only.
Students must take EDSE 417 and 451 during the APT**, which is normally offered in the Winter Term only.

Notes

- See overview of Career and Technology Studies Majors and Minors §75.4.3.
- Up to ★30 Advanced Standing can be granted for relevant provincial and federal journey certification, degree, or two-year certificate or diploma in Career and Technology Studies major categories. Contact the Department of Secondary Education for more information.

Career and Technology Studies: Communication Arts (MDC) (★36)

- ★3 EDSE 495
- ★3 chosen from Chart 2 Career and Technology Studies Minor Requirements
- ★30 Advanced Standing for a minimum two-year certificate or diploma, applicable provincial or federal journey certification, or degree required. Contact the Department of Secondary Education for more information.

Students must take EDSE 317 during the IPT*, which is normally offered in the Fall Term only.
Students must take EDSE 417 and 451 during the APT**, which is normally offered in the Winter Term only.

Notes

- See overview of Career and Technology Studies Majors and Minors §75.4.3.
- Up to ★30 Advanced Standing can be granted for relevant provincial and federal journey certification, degree, or two-year certificate or diploma in Career and Technology Studies major categories. Contact the Department of Secondary Education for more information.

Career and Technology Studies: Natural Resources (NAT) (★36)

Note: Agriculture, Forestry, Oil and Gas

- ★3 EDSE 495
- ★3 chosen from Chart 2 Career and Technology Studies Minor Requirements
- ★30 Advanced Standing for a minimum two-year certificate or diploma, applicable provincial or federal journey certification, or degree required. Contact the Department of Secondary Education for more information.

Students must take EDSE 317 during the IPT*, which is normally offered in the Fall Term only.
Students must take EDSE 417 and 451 during the APT**, which is normally offered in the Winter Term only.

Notes

- See overview of Career and Technology Studies Majors and Minors §75.4.3.
- Up to ★30 Advanced Standing can be granted for relevant provincial and federal journey certification, degree, or two-year certificate or diploma in Career and Technology Studies major categories. Contact the Department of Secondary Education for more information.

Career and Technology Studies: Trades, Manufacturing, and Transportation (TMT) (★36)

- ★3 senior level EDCT
- ★3 EDCT 400 Construction Technology
- ★6 EDCT 400 Junior High Multi-Activity Organization and Content
- ★3 EDCT 400 Fabrication Studies
- ★3 EDCT 400 Mechanics
- ★3 EDSE 400 Design Studies
- ★3 EDSE 495
- ★12 chosen from Chart 2 Career and Technology Studies Minor Requirements

OR

- ★3 EDSE 495
- ★3 chosen from Chart 2 Career and Technology Studies Minor Requirements
- ★30 Advanced Standing for a minimum two-year certificate or diploma, applicable provincial or federal journey certification, or degree required. Contact the Department of Secondary Education for more information.

Students must take EDSE 317 during the IPT*, which is normally offered in the Fall Term only.
Students must take EDSE 417 and 451 during the APT**, which is normally offered in the Winter Term only.

Notes

- See overview of Career and Technology Studies Majors and Minors §75.4.3.
- Up to ★30 Advanced Standing can be granted for relevant provincial and federal journey certification, or two-year diploma in Career and Technology major categories. Contact the Department of Secondary Education for more information.

Chemistry (★36)

- ★6 CHEM 101/102
 - ★3 CHEM 261
 - ★3 CHEM 263
 - ★6 in senior Chemistry or Biochemistry
 - ★3 to ★6 chosen from ANTHR 230; BIOL 315; CHRTC 350, 352; CLASS 294; HIST 115, 294, 391, 394, 396, 397, 398, 496; PHIL 217, 265, 317, 375; PHYS 261; STS 200; WGS 350.
 - ★12 to ★15 but with no more than ★9 in each of Astronomy, Biochemistry, Biological Sciences (including Botany, Forestry, Genetics, Microbiology, Soils and Zoology), Chemistry, [EAS (Faculty of Science), ENCS, REN R], Mathematics, Physics.
- Students must take EDSE 364 during the IPT*, which is normally offered in both the Fall and Winter Terms.
Students must take EDSE 451 and 460 during the APT**, which is normally offered in both the Fall and Winter Terms.

Notes

- Introductory Chemistry courses should be taken in the first year(s) of study.
- Mathematics 153, 160, 253, and 260 are not eligible Mathematics courses.
- Because of the nature of school sciences, courses in Biology and Physics are recommended.

Drama (★36)

- ★3 DRAMA 103
 - ★3 DRAMA 150
 - ★3 DRAMA 302
 - ★3 DRAMA 240
 - ★3 DRAMA 257
 - ★3 DRAMA 259
 - ★3 DRAMA 279
 - ★3 DRAMA 383
- The above ★24 must be taken before registering in the APT**. Another ★12 are to be chosen based on the following:
- Minimum of ★3 from DRAMA 203, 208, 209, 305, 306, 308, 409
 - Minimum of ★3 from DRAMA 307, 327, 331, 357, 361, 391, DANCE 340
 - Minimum of ★3 from CHRTPT 382, DRAMA 427, 452, 453, 454, 457, 483, 492, 507, EDSE 401 (drama focus) or another approved 400-level course in the practice of theatre. Note: Drama 391 is prerequisite for many 400-level courses.
 - Another ★3 to be chosen from any of 9-11 above or EDSE 424.

Students must take EDSE 322 during the IPT*, which is normally offered in the Fall Term only.
Students must take EDSE 422 and 451 during the APT**, which is normally offered in the Winter Term only.

English Language Arts (★36)

- ★6 Junior English (ENGL 121, 122, 123, 124, 125, 126 or equivalent), OR ★3 Junior English and ★3 WRS 101
- ★6 in senior level ENGL, not 212 or 299 (ENGL 308, 309, 338 or 339 recommended)
- ★6 in Composition and Language chosen from ENGL 212, 299, 300; LING; WRITE; senior level WRS; or EDSE 430
- ★3 in Canadian Literature chosen from C LIT or senior ENGL
- ★6 in Literature prior to 1900 (ENGL 320-354)
- ★3 in Film and Media Studies chosen from CHRTC 341, C LIT 228, 352, any FS course, GERM 225, LA ST 310, SOC 344
- ★6 chosen from senior level courses in C LIT, ENGL, WRITE, or WRS; or CLASS 102, 221, 321, 322; DRAMA 149, 247, 249, 331, 361, 409, 461; EDSE 429, 430; any FS course; LIS 403, 404, 405

Students must take EDSE 327 during the IPT*, which is normally offered in both the Fall and Winter Terms.
Students must take EDSE 427 and 451 during the APT**, which is normally offered in both the Fall and Winter Terms.

Notes

- Students in the first year(s) of study should register in ★6 from ENGL 121, 122, 123, 124, 125, 126 or WRS 101 and may also register in ★3 or ★6 from CLASS 102; C LIT 171 or 172; LING 101, 102.
- No more than ★12 in this Major may be taken at the 100-level and no more than ★6 of the ★12 credits in 100 level English.

General Sciences (★36)

- ★6 BIOL 107/108
- ★6 CHEM 101/102
- ★6 PHYS 124/126 or 144/146
- ★3 to ★6 chosen from ANTHR 230; BIOL 315; CHRTC 350, 352; CLASS 294; HIST 115, 294, 391, 394, 396, 397, 398, 496; PHIL 217, 265, 317, 375; PHYS 261; STS 200; WGS 350.
- ★12 to ★15 but with no more than ★9 in each of Astronomy, Biochemistry, Biological Sciences, (including Botany, Forestry, Genetics, Microbiology, Soils and Zoology), Chemistry, Environmental Sciences [EAS (Faculty of Science), ENCS, REN R], Mathematics, Physics.

Students must take EDSE 360 during the IPT*, which is normally offered in both the Fall and Winter Terms.
Students must take EDSE 451 and 456 during the APT**, which is normally offered in both the Fall and Winter Terms.

Notes

- Introductory science courses should be taken in the first year(s) of study.
- Mathematics 153, 160, 253, and 260 are not eligible Mathematics courses.

Mathematics (★36)

- ★3 chosen from MATH 113 or 114
- ★3 MATH 115
- ★3 MATH 125
- ★3 MATH 228
- ★3 MATH 241
- ★3 MATH 222 or 243
- ★3 STAT 141
- ★15 chosen from CMPUT 101, 114; EDSE 439, 442; MATH 153, 214, 215, 222, 225, 243, 322, 324, 341, 343, 421, 422; PHYS 124; or any senior Mathematics or Computing Science courses; or any approved senior Science course.

Students must take EDSE 337 during the IPT*, which is normally offered in both the Fall and Winter Terms.
Students must take EDSE 437 and 451 during the APT**, which is normally offered in the Winter Term only.

* Introductory Professional Term

** Advanced Professional Term

Education Chart 1 Requirements for Major Teaching Subject in the Secondary Education Route (cont'd)

Music: Wind Band (★36)

- ★3 MUSIC 101
- ★3 MUSIC 126
- ★3 MUSIC 141 (see Note 5)
- ★3 MUSIC 151
- ★3 MUSIC 155
- ★3 MUSIC 156
- ★3 MUSIC 213
- ★3 MUSIC 214
- ★3 MUSIC 215
- ★3 MUSIC 230
- ★3 MUSIC 315
- ★3 MUSIC 431

★9 from requirements 7, 8, and 10 above must be taken before registering in EDSE 343

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

Students must take EDSE 443 and 451 during the APT**, which is normally offered in the Winter Term only.

Notes

- (1) MUSIC 126, 151, 155, 156 are normally taken in the first year(s) of study.
- (2) Entry to MUSIC 151, 155, 156, normally depends upon demonstrated theoretical competence. Students must contact the Department of Music to arrange for a time for the theory placement examination.
- (3) Entry to MUSIC 126 depends on the successful passing of an audition during February, 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 126 by the end of their second year will not be allowed to continue in the MUSIC Major.
- (5) MUSIC 141 registration must be in Concert Band or Wind Ensemble only.
- (6) Preparation in Class Guitar/General Music is offered in EDSE 344.

Physical Education (★36)

- ★3 HE ED 110
- ★3 PERLS 105
- ★3 PEDS 207
- ★3 PEDS 294
- ★3 PEDS 391
- ★21 chosen from the five activity dimensions (a,b,c,d,e) listed below. Select a minimum of ★1.5 from each of the dimensions a to e, with no more than ★6 from any one dimension.
 - Alternative Environments: PAC 110, 182, 310; PEDS 205
 - Dance: DAC 155, 160, 197, 199; DANCE 200, 340, 350, 446
 - Games: PAC 111, 112, 113, 114, 117, 118, 131, 133, 135, 137, 140, 145, 183, 197, 199, 311, 313, 314, 318, 320, 325, 331, 333, 335, 337, 345, 383
 - Gymnastics: PAC 160, 360, 365
 - Individual Activities: PAC 154, 156, 173, 174, 181, 197, 199, 354, 356, 370

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

Students must take EDSE 447 and 451 during the APT**, which is normally offered in both the Fall and Winter Terms.

Notes

- (1) A variety of PAC/DAC courses outside personal level of expertise is recommended.
- (2) PAC 110 or aquatics competency highly recommended
- (3) PAC 365 (Gymnastics) may be preferred.
- (4) CPR Certification is highly recommended
- (5) PEDS 207, 294, and 391 should be taken in Year 1 and 2.

Physical Sciences (★36)

- ★6 CHEM 101/102
- ★6 PHYS 124/126 or 144/146
- ★6 in senior Chemistry (CHEM 261/263 recommended)
- ★6 chosen from PHYS 208, 261, 271, 294, 297
- ★3 to ★6 chosen from ANTHR 230; BIOL 315, CHRTC 350, 352; CLASS 294; HIST 115, 294, 391, 394, 396, 397, 398, 496; PHIL 217, 265, 317, 375; PHYS 261; STS 200, WGS 350.

★6 to ★9 but no more than ★9 in each Astronomy, Biochemistry, Biological Sciences, (including Botany, Forestry, Genetics, Microbiology, Soils and Zoology), Chemistry, Environmental Sciences [EAS (Faculty of Science), ENCS, REN RJ], Mathematics, Physics.

Students must take EDSE 364 during the IPT*, which is normally offered in both the Fall and Winter Terms. Students must take EDSE 460 and 451 during the APT**, which is normally offered in both the Fall and Winter Terms.

Notes

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

Physics (★36)

- ★6 PHYS 124/126 or 144/146
- ★12 in senior level Physics (PHYS 208 or 271 and any of 261, 294, 297 recommended)
- ★3 to ★6 chosen from ANTHR 230; BIOL 315, CHRTC 350, 352; CLASS 294; HIST 115, 294, 391, 394, 396, 397, 398, 496; PHIL 217, 265, 317, 375; PHYS 261; STS 200, WGS 350
- ★12 to ★15 but with no more than ★9 in each of Astronomy, Biochemistry, Biological Sciences (including Botany, Forestry, Genetics, Microbiology, Soils and Zoology), Chemistry, Environmental Sciences [EAS (Faculty of Science), ENCS, REN RJ], Mathematics, Physics.

Students must take EDSE 364 during the IPT*, which is normally offered in both the Fall and Winter Terms. Students must take EDSE 460 and 451 during the APT**, which is normally offered in both the Fall and Winter Terms.

Notes

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

Second Languages: Other (★36)

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

Second Languages: Cree (★36)

- ★18 to ★21 in Language Courses chosen from NS 105, 152, 153, 252, 352.
- ★9 in Culture chosen from NS 200, 260, 300, 314, 355, 400.
- ★6 to ★9 chosen from ANTHR 150; EDPS 411, 432, 474; HIST 368, 369; LING 101, 320, 324; NS 280, 320, 330, 335, 370, 372, 375, 380, 381, 390, 403, 404, 405, 440, 441, 442, 485; POL S 327.

Students must take EDSE 368 during the IPT*, which is normally offered in the Fall Term only. Students must take EDSE 451 and 468 during the APT**, which is normally offered in Winter Term only.

Second Languages: French (★36)

- ★18 to ★24 in Language Courses chosen from FREN 211, 212, 254, 297 and 298, 310, 354, 355, 454
- ★3 to ★6 in Linguistics chosen from FREN 371, 372, 473, 474, 476; LING 101, 320
- ★6 to ★9 in Literature chosen from FREN 301, 311, 313, 314, 346, 399, 462, 463, 465, 466, 467, 468
- ★3 to ★9 in Culture chosen from FREN 312, 315, 316, 371, 445, 499

Students must take EDSE 368 during the IPT*, which is normally offered in the Fall Term only. Students must take EDSE 451 and 468 during the APT**, which is normally offered in Winter Term only.

Notes

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

Second Languages: German (★36)

- ★12 to ★18 in Language Courses chosen from GERM 111, 112, 211, 212, 303, 304, 342, 402, 404, 443, 444
- ★6 to ★12 in Linguistics chosen from GERM 306, 316, 317, 409, 416, 417, 492; LING 101, 320
- ★6 to ★9 in Literature chosen from GERM 320, 340, 353, 450, 451, 453, 475
- ★3 to ★9 in Culture chosen from GERM 333, 343, 452, 454, 455, with a maximum of ★3 chosen from GERM 225, 274, 345; HIST 308, 414

Students must take EDSE 368 during the IPT*, which is normally offered in the Fall Term only. Students must take EDSE 468 and 451 during the APT**, which is normally offered in the Winter Term only.

Second Languages: Italian (★36)

- ★18 in Language Courses chosen from ITAL 111, 112, 211, 212, 393, 425
- ★3 in Linguistics chosen from LING 101, 320
- ★6 to ★9 in Literature chosen from ITAL 333, 363, 375, 415, 419, 420
- ★3 to ★9 in Culture chosen from ART H 101, 102, 201, 252; CLASS 102, 221, 255, 281; ITAL 205, 340.

Students must take EDSE 368 during the IPT*, which is normally offered in the Fall Term only. Students must take EDSE 451 and 468 during the APT**, which is normally offered in the Winter Term only.

Second Languages: Japanese (★36)

- ★18 to ★21 in Language Courses chosen from JAPAN 101/102 or 150, 201, 202, 301, 302, 341, 401, 402, 429
- ★6 in Linguistics chosen from EASIA 211, 315, 316, 415, 417; LING 101, 320
- ★3 to ★9 in Literature chosen from EASIA 341, 346, 441, 443, 448
- ★3 to ★6 in Culture chosen from ANTHR 280, 475; EASIA 240, 242, 260, 343, 344, 345; HIST 381, 382, 480; RELIG 343.

Students must take EDSE 368 during the IPT*, which is normally offered in the Fall Term only. Students must take EDSE 451 and 468 during the APT**, which is normally offered in the Winter Term only.

Second Languages: Spanish (★36)

- ★18 to ★24 in Language Courses chosen from SPAN 111, 112, 211, 212, 300, 306, 405, 406, 407, 431
- ★3 to ★6 in Linguistics chosen from LING 101, 320; SPAN 370, 475, 476, 478
- ★6 to ★9 in Literature chosen from SPAN 320, 321, 322, 326, 335, 344, 440, 441, 450, 455, 460
- ★3 to ★6 in Culture chosen from SPAN 314, 315, 325, 326, 341, 342, 425, 452, 456

Students must take EDSE 368 during the IPT*, which is normally offered in the Fall Term only. Students must take EDSE 468 and 451 during the APT**, which is normally offered in the Winter Term only.

Second Languages: Ukrainian (★36)

- ★18 to ★21 in Language Courses chosen from UKR 111, 112, 211, 212, 300 or 303 and 304, 400, 403, 404, 406
- ★3 to ★6 in Linguistics chosen from LING 101, 320, 499; SLAV 401, 420; UKR 407, 411
- ★6 to ★9 in Literature chosen from SLAV 468, 469; UKR 405, 415, 471, 472, 473, 474, 475
- ★3 to ★6 in Culture chosen from HIST 312, 316, 317, 367, 415; INT D 439; UKR 324, 325, 327, 424, 425, 426, 427, 428, 469.

Students must take EDSE 368 during the IPT*, which is normally offered in the Fall Term only. Students must take EDSE 451 and 468 during the APT**, which is normally offered in the Winter Term only.

Social Studies (★36)

- ★12 in Canadian Studies
 - ★9 chosen from EDES 409; HIST 260, 261, 371; NS 110, 111, 200, 300, 314, 370; POL S 220, 221, 230, 299
 - ★3 chosen from ANTHR 256; ECON 101, 102; HIST 360, 361, 362, 365, 366, 367, 368, 369, 371, 372, 374, 375, 376, 377; NS courses; POL S 221, 299, 324, 325; SOC 251, 260, 363, 377
- ★9 in World Studies
 - ★6 chosen from HIST 110, 111, 112, 114, 116, 119, 121, 130, 207, 209, 210, 212, 241, 242, 246, 247, 251, 280, 281, 285, 297, 382, 385
 - ★3 chosen from Christian Theology, Economics, Political Science, or Religious Studies.
- ★9 in Cultural Studies
 - ★3 chosen from HGP (Faculty of Arts)
 - ★6 chosen from Anthropology, Christian Theology, Human Geography and Planning, Native Studies, Religious Studies, or Sociology
- ★6 in General Social Studies chosen from Anthropology, Christian Theology, Classics, History, Human Geography and Planning, Native Studies, Philosophy, Political Science, Psychology, Religious Studies, or Sociology. Students must take EDSE 373 during the IPT*, which is normally offered in both the Fall and Winter Terms. Students must take EDSE 451 and 473 during the APT**, which is normally offered in both the Fall and Winter Terms.

* Introductory Professional Term
** Advanced Professional Term

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

Art (★18)

- ★3 ART 134
- ★3 DES 135
- ★6 chosen from ART H 101/102 or 206/256
- ★6 chosen from EDES 402 (Art Camp), HECOL 250 or courses from Art, Art History, or Design

Students must take EDSE 313 prior to the IPT*. It is normally offered in the Fall Term only.

Biological Sciences (★18)

- ★3 BIOL 107
- ★3 BIOL 108
- ★3 BIOL 207
- ★3 BIOL 208
- ★6 in Senior Biological Sciences

Students must take EDSE 353 prior to the IPT*. It is normally offered in both the Fall and Winter Terms.

EDSE 353 is not open to students whose major is Biological Sciences, Chemistry, General Sciences, Physical Sciences or Physics. These students must register in EDSE 305, which is normally offered in both the Fall and Winter Terms, or they can register for another EDSE (Minor) provided they meet the course prerequisites.

Career and Technology Studies: Business, Administration, Finance (BIT) (★18)

- ★6 chosen from ACCTG 300, 311 or B LAW 301 or other courses offered by the Faculty of Business
- ★3 chosen CMPUT 174, MIS 311, or other computer related courses from CMPUT, EDCT or EDIT
- ★3 ECON 101
- ★3 ECON 102
- ★3 EDSE 495

Students must take EDSE 318 prior to the IPT*. It is normally offered in the Fall Term only.

Note: See overview of Career and Technology Studies majors and minors following \$75.4.3.

Career and Technology Studies: Communication Arts (MDC) (★18)

- ★3 EDSE 495
- ★3 EDCT 400 (Communication Technology)
- ★3 to 6 chosen from ART 134, DES 135, 302, 393, 394
- ★6 to 9 chosen from DRAMA 101, 149, 208, 209, 302, 327, FS 200, 205, MUSIC 140, 141, 143, 144, 148, 149, senior level EDCT

Students must take EDSE 318 prior to the IPT*. It is normally offered in the Fall Term only.

Note: See overview of Career and Technology Studies majors and minors following \$75.4.3.

Career and Technology Studies: Computing Science (BIT) (★18)

- ★3 CMPUT 174
- ★3 CMPUT 175
- ★3 EDSE 495
- ★6 chosen from CMPUT 201, 204, 229, 272, 291 (See Note 1)
- ★3 chosen from senior level CMPUT or EDCT

Students must take EDSE 318 prior to the IPT*. It is normally offered in the Fall Term only.

Notes

- (1) Prerequisites for senior level CMPUT courses must be considered when selecting courses.
- (2) See overview of Career and Technology Studies majors and minors following \$75.4.3.

Career and Technology Studies: Design (MDC) (★18)

- ★3 EDSE 495
- ★3 EDCT 400 (Communication Technology)
- ★6 chosen from senior level EDCT
- ★6 chosen from ART 134, DES 135, 300, 301, EDIT 486, 488, HECOL 201, 250, 333, 354, 454, 464

Students must take EDSE 318 prior to the IPT*. It is normally offered in the Fall Term only.

Note: See overview of Career and Technology Studies majors and minors following \$75.4.3.

Career and Technology Studies: Health (HRH) (★18)

- ★3 EDSE 495
- ★3 HECOL 211
- ★3 chosen from HECOL 210, 321
- ★6 chosen from NU FS 100, 200, 223, 363
- ★3 chosen from HE ED 110, 220, 320; INT D 410

Students must take EDSE 318 prior to the IPT*. It is normally offered in the Fall Term only.

Note: See overview of Career and Technology Studies majors and minors following \$75.4.3.

Career and Technology Studies: Human Sciences (HRH) (★18)

Note: Previously known as Human Ecology, Family Finance, Fashion Studies, and Foods

- ★6 chosen from HECOL 170, 201, 250, 254, 268
- ★3 EDSE 495
- ★3 NUTR 100
- ★3 chosen from AREC 173, EDCT 400, NU FS 100, 200, 223
- ★3 chosen from HECOL 254, 270, 321, 322, 354, 360; NU FS 223, 263

Students must take EDSE 318 prior to the IPT*. It is normally offered in the Fall Term only.

Note: See overview of Career and Technology Studies majors and minors following \$75.4.3.

Career and Technology Studies: Media (MDC) (★18)

- ★3 EDSE 495
- ★6 chosen from CMPUT 114, 174, 175, 206, 229, 250.
- ★3 EDCT 400 (Communication Technology)
- ★6 chosen from senior level EDCT or EDIT

Students must take EDSE 318 prior to the IPT*. It is normally offered in the Fall Term only.

Note: See overview of Career and Technology Studies majors and minors following \$75.4.3.

Career and Technology Studies: Natural Resources (NAT) (★18)

- ★3 EDSE 495
- ★9 chosen from BIOL 107, 108; BOT 210, 303; ENCS 352; REN R 100, 101, 110, 120, 201, 250, 260, 271, 321, 322
- ★6 chosen from senior level EDCT

Students must take EDSE 318 prior to the IPT*. It is normally offered in the Fall Term only.

Note: See overview of Career and Technology Studies majors and minors following \$75.4.3.

Career and Technology Studies: Recreation (HRH) (★18)

- ★3 EDSE 495
- ★3 HE ED 110
- ★3 PERLS 104
- ★3 RLS 100
- ★3 RLS 122
- ★3 RLS 263

Students must take EDSE 318 prior to the IPT*. It is normally offered in the Fall Term only.

Note: See overview of Career and Technology Studies majors and minors following \$75.4.3.

Career and Technology Studies: Trades, Manufacturing, and Transportation (TMT) (★18)

- ★3 EDSE 495
- ★3 EDCT 400 (Design Studies)
- ★3 EDCT 400 (Construction Technology)
- ★3 EDCT 400 (Mechanics)
- ★3 EDCT 400 (Fabrication Studies)
- ★3 senior level EDCT

or

- ★3 EDSE 495
- ★3 to 6 chosen from DES 300, 301, DRAMA 279
- ★9 to 12 chosen from senior level EDCT

Students must take EDSE 318 prior to the IPT*. It is normally offered in the Fall Term only.

Notes

- (1) See overview of Career and Technology Studies majors and minors following \$75.4.3.
- (2) Advanced Standing may be granted for relevant provincial and federal journey certification, degree, or two-year certificate or diploma programs in Career and Technology minor categories. Contact the Department of Secondary Education for more information.

Chemistry (★18)

- ★6 CHEM 101/102
 - ★3 CHEM 261
 - ★3 CHEM 263
 - ★6 chosen from Biochemistry, Chemistry, Environmental Sciences (EAS, ENCS, REN R), Physics
- Students must take EDSE 366 prior to the IPT*. It is normally offered in both the Fall and Winter Terms.
- EDSE 366 is not open to students whose major is Biological Sciences, Chemistry, General Sciences, Physical Sciences or Physics. These students must register in EDSE 305, which is normally offered in both the Fall and Winter Terms, or they can register for another EDSE (Minor) provided that they meet the course prerequisites.

Drama (★18)

- ★3 DRAMA 102 or 103
 - ★3 DRAMA 149 or 150 (with consent of the Department of Drama)
 - ★3 DRAMA 247 or 240
- Note:** ★9 from 1-3 above must be taken before registering in EDSE 323.
- ★3 chosen from DRAMA 203, 208, 209, 302, 305, 306, 308
 - ★6 chosen from DANCE 340; DRAMA 257, 259, 279, 327, 331, 383 (with consent of the Department of Drama); 391 or 427; EDEL 411; EDSE 401 (Drama focus), or 424.
- Students must take EDSE 323 prior to the IPT*. It is normally offered in the Fall Term only.

English as a Second Language (★18)

- ★9 in Language Courses chosen from ANTHR 208; ENGL 212, 299, 300; LING 100, 101, 204, 205, 314, 316, 320
 - ★3 to ★6 in Cultural Studies chosen from ANTHR 150; C LIT 100, 256; EDPS 425, 432; LING 324; MLCS 371, 471, 472; NS 100; POL S 110; RELIG 102, 103; SOC 269; or a language other than English
 - ★3 to ★6 chosen from EDPY 413, 416, 418
- Students must take EDSE 369 prior to the IPT*. It is normally offered in the Fall Term only.
- Note:** LING 101 is a prerequisite for many of the course selections for the ESL minor.

English Language Arts (★18)

- ★6 Junior English (ENGL 121, 122, 123, 124, 125, 126 or equivalent) or ★3 Junior English and ★3 WRS 101
 - ★6 chosen from senior level courses in ENGL or C LIT (ENGL 308, 309, 338 or 339 recommended)
 - ★3 chosen from senior level courses in C LIT, or ENGL: LIS 403, 404, or 405; EDSE 429; any FS course
 - ★3 chosen from LING; WRITE; EDSE 430: ENGL 212, 299, 300; Senior WRS.
- Students must take EDSE 328 prior to the IPT*. It is normally offered in the Fall and Winter Terms.

General Sciences (★18)

- ★6 BIOL 107/108
 - ★6 CHEM 101/102
 - ★6 PHYS 124/126 or 144/146.
- Students must take EDSE 361 prior to the IPT*. It is normally offered in both the Fall and Winter Terms.
- EDSE 361 is not open to students whose major is Biological Sciences, Chemistry, General Sciences, Physical Sciences or Physics. These students must register in EDSE 305, which is normally offered in both the Fall and Winter Terms, or they can register for another EDSE (Minor) provided that they meet the course prerequisites.

Health Education (★18)

- ★3 HECOL 211
 - ★3 chosen from HECOL 210, 321, or 322
 - ★6 chosen from EDPY 442, 446; EDSE 495; HECOL 412
 - ★6 chosen from HE ED 110, 220, 320, 497; INT D 410, 411; NUTR 100; PERLS 104 or senior level EDCT
- Students must take EDSE 333 prior to the IPT*. It is normally offered in the Fall Term only.

Mathematics (★18)

- ★3 chosen from MATH 113 or 114
 - ★3 MATH 125
 - ★3 MATH 222
 - ★3 MATH 241
 - ★6 chosen from Mathematics, Computing Sciences, Statistics. STAT 141 is recommended.
- Students must take EDSE 338 prior to the IPT*. It is normally offered in both the Fall and Winter Terms.
- Note:** No more than ★3 can be taken in Computing Science courses.

* Introductory Professional Term

** Advanced Professional Term

Education Chart 2 Requirements for Minor Teaching Subject in the Secondary Education Route (cont'd)

Music: Class Guitar (★18)

- ★3 MUSIC 151
- ★3 MUSIC 155
- ★3 MUSIC 156
- ★3 to ★6 chosen from MUSIC 140, 141, 143, 144, 148, 149, 239, 240, 241, 243, 244, 247, 248, 249, 342, 343, 347, 439, 442
- ★3 to ★6 chosen from MUSIC 101, 102, 103, 124, 126, 127, 201, 207, 224, 226, 227, 230, 245, 246, 259, 260, 263, 281, 282, 311, 313, 314, 315, 365, 413, 417, 446

Students must take EDSE 344 prior to the IPT*. It is normally offered in the Fall Term only.

Native Education (★18)

Non-Education (★9)

- ★9 chosen from ANTHR 150, 207, 323, 350, 385, 393, 401, 422, 424, 436, 438; HECOL 201, 462; HIST 368, 369; NS 110, 111, 152, 200, 260, 300, 314, 320; POL S 327; SOC 100, 367.

Note: A minimum of ★3 must be chosen from NS 110, 111, or 200.

Education (★9)

- ★9 chosen from EDPS 411, 432, 474
- EDES 409 is a prerequisite to the APT** and it is normally offered in the Fall Term only.

Physical Education (★18)

- ★3 PEDS 294
- ★3 HE ED 110
- ★12 chosen from the five activity dimensions listed below. (Note: no more than ★3 can be selected from any one dimension). A variety of courses outside personal level of expertise is recommended. Aquatics competency and CPR certification recommended.
 - Alternative Environments: PAC 110, 163, 182, 310; PEDS 205
 - Dance: DAC 155, 160, 197, 199; DANCE 200, 340, 350, 446
 - Games: PAC 111, 112, 113, 114, 117, 118, 131, 133, 135, 137, 140, 145, 183, 199, 311, 313, 314, 318, 320, 331, 333, 335, 337, 345, 383
 - Gymnastics: PAC 160, 360, 365
 - Individual Activities: PAC 154, 156, 173, 174, 181, 197, 199, 354, 356, 370, 381

Students must take EDSE 348 prior to the IPT*. It is normally offered in both the Fall and Winter Terms.

Physical Sciences (★18)

- ★6 CHEM 101/102
- ★6 PHYS 124/126 or 144/146
- ★6 Astronomy, Chemistry, Environmental Sciences (EAS, ENCS, REN R), Physics

Students must take EDSE 366 prior to the IPT*. It is normally offered in both the Fall and Winter Terms. EDSE 366 is not open to students whose major is Biological Sciences, Chemistry, General Sciences, Physical Sciences or Physics. These students must register in EDSE 305, which is normally offered in both the Fall and Winter Terms, or they can register for another EDSE (Minor) provided that they meet the course prerequisites.

Physics (★18)

- ★6 PHYS 124/126 or 144/146
- ★6 in senior level Physics (PHYS 208 or 271 and any two of 261, 294, 297 recommended)
- ★6 from Astronomy, Chemistry, Environmental Sciences (EAS, ENCS, REN R), Physics

Students must take EDSE 366 prior to the IPT*. It is normally offered in both the Fall and Winter Terms. EDSE 366 is not open to students whose major is Biological Sciences, Chemistry, General Sciences, Physical Sciences or Physics. These students must register in EDSE 305, which is normally offered in both the Fall and Winter Terms, or they can register for another EDSE (Minor) provided that they meet the course prerequisites.

Religious and Moral Education (★18)

- ★3 CHRTC 250
- ★3 CHRTC 381
- ★3 EDPS 456
- ★6 RELIG 102 and 103
- ★3 chosen from Philosophy, Religious Studies, St Joseph's College, or St Stephen's College.

Students must take EDSE 378 prior to the IPT*. It is normally offered in the Fall Term only. EDPS 456 is not offered every year. When EDPS 456 is not offered, students should select an additional course from Category 5.

Second Languages: Arabic (★18)

- ★9 in Language courses chosen from ARAB 111, 112, 211, 212
- ★9 in Literature/Culture chosen from ARAB 499; HIST 117, 243, 245; POL S 380, 477; RELIG 220, 320, 322, 422.

Students must take EDSE 370 prior to the IPT*. It is normally offered in the Fall Term only. EDSE 370 is not open to students whose major is a Second Language. These students must register in EDSE 305, which is normally offered in both the Fall and Winter Terms, or they can register for another EDSE (Minor) provided they meet the course prerequisites.

Note: ARAB 111 and 112 should be taken in the first year(s) of study.

Second Languages: Cree (★18)

- ★12 to ★15 in Language courses chosen from NS 105, 152, 153, 252, 352.
- ★3 to ★6 in Culture chosen from NS 110, 200, 260, 300, 352, 355, 400

Students must take EDSE 370 prior to the IPT*. It is normally offered in the Fall Term only.

EDSE 370 is not open to students whose major is a Second Language. These students must register in EDSE 305, which is normally offered in both the Fall and Winter Terms, or they can register for another EDSE (Minor) provided they meet the course prerequisites.

Second Languages: French (★18)

- ★12 to ★15 in Language courses chosen from FREN 211, 212; 297 and 298, 254, 310, 354, 355, 371, 372, 454, 473.
- ★3 to ★6 in Literature/Culture chosen from FREN 301, 311, 312, 313, 314, 315, 316, 333, 346, 399, 445, 463, 465, 466, 467, 468, 499.

Students must take EDSE 370 prior to the IPT*. It is normally offered in the Fall Term only.

EDSE 370 is not open to students whose major is a Second Language. These students must register in EDSE 305, which is normally offered in both the Fall and Winter Terms, or they can register for another EDSE (Minor) provided they meet the course prerequisites.

Notes

- (1) Students who have credit in French 30 should register in FREN 211, 212. All others consult the subject area advisor.
- (2) FREN 211, 212 should be taken in the first year(s) of study.
- (3) Many courses offered by Faculté Saint-Jean may be credited toward the program. Consult the subject area advisor.

Second Languages: German (★18)

- ★12 to ★15 in Language courses chosen from GERM 111, 112, 211, 212, 303, 304, 306, 316, 317, 342, 402, 404, 409, 416, 417, 443, 444, 492
- ★3 to ★6 in Literature/Culture chosen from GERM 320, 333, 340, 343, 353, 426, 435, 450, 451, 452, 453, 454, 455, 460, 475

Students must take EDSE 370 prior to the IPT*. It is normally offered in the Fall Term only.

EDSE 370 is not open to students whose major is a Second Language. These students must register in EDSE 305, which is normally offered in both the Fall and Winter Terms, or they can register for another EDSE (Minor) provided they meet the course prerequisites.

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

Second Languages: Italian (★18)

- ★12 to ★15 in Language/Linguistics chosen from ITAL 111, 112, 211, 212, 390, 393, 425
- ★3 to ★6 in Literature/Culture chosen from ITAL 333, 340, 363, 375, 415, 419, 420.

Students must take EDSE 370 prior to the IPT*. It is normally offered in the Fall Term only.

EDSE 370 is not open to students whose major is a Second Language. These students must register in EDSE 305, which is normally offered in both the Fall and Winter Terms, or they can register for another EDSE (Minor) provided they meet the course prerequisites.

Second Languages: Japanese (★18)

- ★12 to ★15 in Language courses chosen from JAPAN 101, 102, 150, 201, 202, 301, 302, 401, 402, 429, 439
- ★3 to ★6 in Literature/Culture chosen from EASIA 240, 242, 341, 343, 344, 345, 346, 441, 443, 448

Students must take EDSE 370 prior to the IPT*. It is normally offered in the Fall Term only.

EDSE 370 is not open to students whose major is a Second Language. These students must register in EDSE 305, which is normally offered in both the Fall and Winter Terms, or they can register for another EDSE (Minor) provided they meet the course prerequisites.

Second Languages: Mandarin (★18)

- ★12 to ★15 in Language courses chosen from CHINA 101, 102, 201, 202, 211, 212, 301, 302, 341, 342, 401, 402, 407, 428, 438; EASIA 201, 305, 405
- ★3 to ★6 in Literature/Culture chosen from EASIA 205, 232, 331, 333, 336, 337, 351, 431, 433, 434, 436, 437, 438, 455

Students must take EDSE 370 prior to the IPT*. It is normally offered in the Fall Term only.

EDSE 370 is not open to students whose major is a Second Language. These students must register in EDSE 305, which is normally offered in both the Fall and Winter Terms, or they can register for another EDSE (Minor) provided they meet the course prerequisites.

Note: CHINA 101/102 should be taken in the first year(s) of study.

Second Languages: Spanish (★18)

- ★12 to ★15 in Language courses chosen from SPAN 111, 112, 211, 212, 300, 306, 370, 372, 405, 406, 407, 431, 475, 476, 478
- ★3 to ★6 in Literature/Culture chosen from SPAN 314, 315, 320, 321, 322, 325, 326, 335, 341, 342, 360, 425, 440, 441, 445, 450, 452, 455, 460.

Students must take EDSE 370 prior to the IPT*. It is normally offered in the Fall Term only.

EDSE 370 is not open to students whose major is a Second Language. These students must register in EDSE 305, which is normally offered in both the Fall and Winter Terms, or they can register for another EDSE (Minor) provided they meet the course prerequisites.

Second Languages: Ukrainian (★18)

- ★12 to ★15 in Language courses chosen from UKR 111, 112, 211, 212, 300 or 303 and 304, 400, 403, 404, 406, 407, 411
- ★3 to ★6 in Literature/Culture chosen from SLAV 468, 469; UKR 327, 405, 415, 469, 471, 472, 473, 474, 475.

Students must take EDSE 370 prior to the IPT*. It is normally offered in the Fall Term only.

EDSE 370 is not open to students whose major is a Second Language. These students must register in EDSE 305, which is normally offered in both the Fall and Winter Terms, or they can register for another EDSE (Minor) provided they meet the course prerequisites.

Second Languages: Other (★18)

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

Social Studies (★18)

- ★6 in Canadian Studies chosen from HIST 260, 261, HIST 371; NS courses; POL S 220, 221, 230, 299
 - ★6 in World Studies chosen from EDPS 425; HIST 110, 111, 112, 114, 116, 119, 121, 130, 207, 209, 210, 212, 241, 242, 246, 247, 251, 280, 281, 285, 297, 382, 385;
 - ★6 in Cultural Studies chosen from Anthropology, Native Studies, Religious Studies, Sociology; Human Geography and Planning (Faculty of Arts)
- Students must take EDSE 374 prior to the IPT*. It is normally offered in both the Fall and Winter Terms.

* Introductory Professional Term

** Advanced Professional Term

75.5 After Degree Program

Applicants having a first undergraduate degree may apply to the BEd After Degree in either the Elementary or Secondary Route.

75.5.1 BEd (After Degree) Elementary Education Route

Program Requirements:

The Elementary After Degree is based on ★54 - ★60 Education Course Requirements and additional Program Completion Requirements. Requirements completed prior to admission may reduce the length of the program.

(1) Education Course Requirements (★30) (See Note 1)

- EDU 300 (★3)
- EDU 210 (★3)
- EDU 211 (★3)
- EDEL 305 (★3)
- EDEL 316 (★3)
- EDEL (300-Level) (★3)
- EDEL (400-Level) (★3)
- EDPS 410 (★3)
- EDPY 302 (★3)
- Education Elective (★3)

(2) Field Experience Terms

Introductory Professional Term (★15) (See Note 2)

- ★6 chosen from EDEL 302, 321, 325, 330, 335
- EDPY 303 (★3)
- EDFX 325 (★6)

Advanced Professional Term (★15) (See Note 2)

- ★3 chosen from EDEL 302, 321, 325, 330, 335
- EDPY 301 (★3)
- EDFX 425 (★9)

(3) Program Completion Requirements

Students who have not met the following requirements in their previous degree will need to fulfil them prior to obtaining their BEd degree:

- ★6 in English Literature and Composition
- ★3 in Mathematics

Notes

- (1) Students should be aware of course prerequisites and refer to their individual program sheets for the proper sequencing of courses.
- (2) Courses taken in the Field Experience Terms are normally taken concurrently.

75.5.2 BEd (After Degree) Secondary Education Route

Program Requirements:

The Secondary After Degree is based on ★48 - ★54 of Education Course Requirements and additional Program Completion Requirements. Requirements completed prior to admission may reduce the length of the program.

(1) Education Course Requirements (★24) (See Note 1)

- EDU 300 (★3)
- EDU 210 (★3)
- EDU 211 (★3)
- EDSE 3XX (★3) Curriculum and Teaching for Secondary School Minors (See Note 3)
- EDPS 410 (★3)
- EDPY 301 (★3)
- EDPY 304 (★3)
- Education Elective (★3)

(2) Field Experience Terms

Introductory Professional Term (★15) (See Note 2)

- EDFX 350 (★6)
- EDPY 303 (★3)
- EDSE 307 (★3)
- EDSE 3XX (★3) Curriculum and Teaching for Secondary School Majors I (See Note 4)

Advanced Professional Term (★15) (See Note 2)

- EDFX 450 (★9)
- EDSE 451 (★3)
- EDSE 4XX (★3) Curriculum and Teaching for Secondary School Majors II (See Note 5)

(3) Program Completion Requirements

Students who have not met the following requirements in their previous degree will need to fulfil them prior to obtaining their BEd degree:

- ★6 in English/French Literature and Composition
- ★36 in the major teaching subject. Eligible Majors may be selected from Education Chart 1 \$75.4.2.
- ★9-18 in the minor teaching subject. Eligible Minors may be selected from Education Chart 2 \$75.4.2.

Notes

- (1) Students should be aware of course prerequisites and refer to their individual program sheets for the proper sequencing of courses.
- (2) Courses taken in the Field Experience Terms are normally taken concurrently.
- (3) ★9 in the minor teaching subject is a prerequisite for EDSE 3XX. See Education Chart 2 for the specific EDSE 3XX course required.
- (4) ★9 in the major teaching subject are prerequisites for the Introductory Professional Term. See Education Chart 1 for the specific EDSE 3XX course required.
- (5) ★24 in the major teaching subject and the Introductory Professional Term are prerequisites for the Advanced Professional Term. See Education Chart 1 for the specific EDSE 4XX course required

75.5.3 Adult Education Route (★60)

General Information

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

The Adult Education Route will not qualify for Teacher Certification.

Time Limit for Completing the Adult Education Route BEd Degree.

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

Advanced Standing (★30)

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

(1) Adult Education Courses (★18)

- EDAE 390 (★3) ED AE 445 (★3)
- EDAE 460 (★3) ED AE 461 (★3)
- EDAE 475 (★3) ED AE 485 (★3)

(2) Education General (★12)

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

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

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

The Bachelor of Arts in Native Studies/Bachelor of Education Combined Degrees allow students to select either the Secondary or the Elementary program route. This degree program consists of ★150 overall. The first three years (★90) are taken in the Faculty of Native Studies and the last two years (★60) are taken in the Faculty of Education. Students in these Combined Degrees may choose a Cree Major or a Native Studies Major in the Secondary route. Students are advised to refer to Education Chart 1 when selecting courses for their Education Major Teaching Subject. Students in the Elementary route select a minor in Native Education, Cree Language or Social Studies. The sequencing of courses taken in the program does not allow for much flexibility throughout the five years; therefore, students should plan their programs carefully. Students are advised to follow the prescribed order as closely as possible.

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

This information may also be found in \$123.2.2.

Year 1 (★30) Taken in the Faculty of Native Studies

- (1) Junior English (★6), or ★3 Junior English and ★3 WRS
- (2) NS 110 (★3)
- (3) NS 111 (★3)
- (4) NS 152 (★6)
- (5) NS 290 (★3)

- (6) Teaching Minor (★6): choose any courses from the specified Teaching Minor selected from Education Chart 2
 (7) Natural Science (★3): choose any course at the 100-level [see §123.1.2(5)]

Year 2 (★30) Taken in the Faculty of Native Studies

- (1) EDU 100 (★3)
 (2) EDU 211 (★3)
 (3) NS 252 (★6)
 (4) NS 260 or 355 (★3)
 (5) Teaching Minor (★6): choose courses from the specified Teaching Minor selected from Education Chart 2
 (6) Humanities (★6): choose any course at the 100-level [see §123.1.2(3)]
 (7) EDU 210

Year 3 (★30) Taken in the Faculty of Native Studies

- (1) NS 352 (★6)
 (2) NS 390 (★3)
 (3) NS 260 or 355 (★3)
 (4) Teaching Minor (★6): choose courses from the specified Teaching Minor selected from Education Chart 2
 (5) Fine Arts or Humanities (★3): choose any course at the 200-level or higher [see §§123.1.2(2) and 123.1.2(3)]
 (6) Social Science (★6): choose any course at the 100-level [see §123.1.2(4)]
 (7) EDPY 304 (★3)

Years 4 and 5 (★60) Taken in the Faculty of Education

Students should refer to their individual Program Sheet for proper course sequencing.

Course Requirements (★30)

- (1) Native Studies Major (★12): choose any NS courses at the 400-level
 (2) EDSE 3XX Minor (★3)
 (3) EDPS 410 (★3)
 (4) EDPY 301 (★3)
 (5) Social Sciences (★6): choose any courses at the 200-level or above [see §123.1.2(4)]
 (6) Fine Arts or Humanities (★3): choose any course from the 200-level or above [see §123.1.2(2) and 123.1.2(3)]

Field Experience Terms (★30)

Courses taken in the Field Experience Terms are normally taken concurrently

Introductory Professional Term (★15)

- (1) EDFX 350 (★6)
 (2) EDPY 303 (★3)
 (3) EDSE 307 (★3)
 (4) EDSE 368 (★3)

Advanced Professional Term (★15)

- (1) EDFX 450 (★9)
 (2) EDSE 451 (★3)
 (3) EDSE 468 (★3)

Notes

- (1) Program Requirements (★150)
 Education Core (★48)
 Native Studies Core (★30)
 Native Studies Major (★39)
 Education Major (★33)
 (2) Native Studies Core (★30)
 English (★6) or English (★3) and WRS (★3)
 Fine Arts or Humanities 2XX/3XX/4XX (★6)
 Humanities 1XX (★6)
 Natural Science 1XX (★3)
 Social Science 1XX (★3)
 Social Science 2XX/3XX/4XX (★3)

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

In this combined degree, students are Native Studies Majors in the Faculty of Native Studies and Native Studies Minors in the Faculty of Education. Students select an Education Teaching Major from Education Chart 1. This information may also be found in §123.2.3.

Year 1 (★30) Taken in the Faculty of Native Studies

- (1) Junior English (★6), or ★3 Junior English and ★3 WRS
 (2) NS 110 (★3)
 (3) NS 111 (★3)
 (4) NS 152 (★6)
 (5) NS 290 (★3)

- (6) Education Major (★6): choose courses from the specified Teaching Major selected from Education Chart 1

- (7) Natural Science (★3): choose any course at the 100-level [see §123.1.2(5)]

Year 2 (★30) Taken in the Faculty of Native Studies

- (1) EDU 100 (★3)
 (2) EDU 211 (★3)
 (3) Education Major (★9): choose any courses from the specified Teaching Major selected from Education Chart 1
 (4) Native Studies Major (★3): choose any NS course at the 300-level
 (5) Humanities (★6): choose any course at the 100-level [see §123.1.2(3)]
 (6) EDU 210
 (7) Social Science (★3): choose any course at the 100-level [see §123.1.2(4)]

Year 3 (★30) Taken in the Faculty of Native Studies

- (1) NS 390 (★3)
 (2) Native Studies Major (★3): choose any NS course at the 300-level
 (3) Education Major (★9): choose any courses from the specified Teaching Major selected from Education Chart 1
 (4) EDPS 432 (★3) and EDPS 360 or 411 or 474 (★3)
 (5) EDPY 304
 (6) Fine Arts or Humanities (★3): choose any course at the 200-level or higher [see §§123.1.2(2) and 123.1.2(3)]
 (7) Social Science (★3): choose any course at the 200-level or higher [see §123.1.2(4)]

Years 4 and 5 (★60) Taken in the Faculty of Education

Students should refer to their individual Program Sheet for proper course sequencing.

Course Requirements (★30)

- (1) Native Studies Major (★9): choose any Native Studies courses at the 400-level
 (2) Education Major (★9): choose courses from the specified Teaching Major selected from Education Chart 1
 (3) EDES 409 (Minor) (★3)
 (4) EDPS 410 (★3)
 (5) EDPY 301 (★3)
 (6) Fine Arts or Humanities (★3): choose any course at the 200-level or higher [see §123.1.2(2) and 123.1.2(3)]

Field Experience Terms (★30)

Courses taken in the Field Experience Terms are normally taken concurrently

Introductory Professional Term (★15)

- (1) EDFX 350 (★6)
 (2) EDPY 303 (★3)
 (3) EDSE 3XX (Major) (★3)
 (4) EDSE 307 (★3)

Advanced Professional Term (★15)

- (1) EDFX 450 (★9)
 (2) EDSE 451 (★3)
 (3) EDSE 4XX (Major) (★3)

Notes

- (1) To ensure timely completion of this program, students should consult with an Academic Advisor before the start of each academic year.
 (2) Students who choose one of the CTS subject areas for their teaching major may be required to extend their program in order to meet the requirements.
 (3) Program Requirements (★150)
 Education Core (★48)
 Native Studies Core (★30)
 Native Studies Major (★39)
 Education Major (★33)
 (4) Native Studies Core (★30)
 Computing (★3)
 English (★6) or English (★3) and WRS (★3)
 Fine Arts or Humanities 2XX/3XX/4XX (★6)
 Humanities 1XX (★6)
 Natural Science 1XX (★3)
 Social Science 1XX (★3)
 Social Science 2XX/3XX/4XX (★3)

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

In this combined degree, students select one of the following minors: Native Education, Cree Language or Social Studies. See Note 3 for course requirements.

Year 1 (★30) Taken in the Faculty of Native Studies

- (1) Junior English (★6), or ★3 Junior ENGL plus ★3 Writing Studies WRS
- (2) NS 110 (★3)
- (3) NS 111 (★3)
- (4) NS 152 (★6)
- (5) NS 290 (★3)
- (6) Social Science (★3) [see Education \$75.3.2(1)]
- (7) Natural Science (★3) [see Education \$75.3.2(1)]
- (8) Social Science (★3) [see Native Studies \$123.1.2(4)]

Year 2 (★30) Taken in the Faculty of Native Studies

- (1) EDU 100 (★3)
- (2) EDU 210 (★3)
- (3) EDU 211 (★3)
- (4) Physical and Health Education (★3) [see Education 75.3.2(1)]
- (5) Junior Humanities (★6): choose any courses at the 100-level [see Native Studies 123.1.2(3)]
- (6) Minor (★6): choose courses from selected Minor: Native Education, Cree Language or Social Studies (see Note 3)
- (7) Native Studies (★6): choose any courses at the 200- or 300-level

Year 3 (★30) Taken in the Faculty of Native Studies

- (1) Native Studies Major (★3): choose any NS course at the 300-level
- (2) NS 390 (★3)
- (3) Mathematics (★3) [see Education \$75.3.2(1)]
- (4) Physical and Health Education (★3) [see Education \$75.3.2(1)]
- (5) Fine Arts (★3) [see Education \$75.3.2(1)]
- (6) Minor (★6) (see Note 3)
- (7) Senior Humanities (★3) choose any course at the 200-level or higher [see Native Studies 123.1.2(3)]
- (8) Native Studies (★3) choose any NS course at the 400-level
- (9) Social Science (★3) [see Native Studies \$123.1.2(4)]

Year 4 and 5 (★60) Taken in the Faculty of Education

Students should refer to their individual Program Sheet for proper course sequencing.

Course Requirements (★30)

- (1) EDEL 305 (★3)
- (2) EDEL 316 or 335 (★3)
- (3) EDEL 300-level (★3)
- (4) EDEL 400-level (★3)
- (5) EDPS 410 (★3)
- (6) EDPY 302 (★3)
- (7) Minor (★6) (see Note 3)
- (8) Native Studies option (★6): Choose Native Studies courses at the 400-level.

Field Experience Terms (★30)

Courses taken in the Field Experience Terms are normally taken concurrently

Introductory Professional Term (★15)

- (1) EDFX 325 (★6)
- (2) EDEL 316 or 335 (★3)
- (3) Choose one of EDEL 302, 321, 325 or 330 (★3)
- (4) EDPY 303 (★3)

Advanced Professional Term (★15)

- (1) EDFX 425 (★9)
- (2) Choose one of EDEL 302, 321, 325 330 (★3)
- (3) EDPY 301 (★3)

Notes

- (1) Program advice should be obtained from both Education and Native Studies.
- (2) **Program Requirements (★150)**
Education Core (★57)
Native Studies Core (★51)
Minor (★18)
Options (★24)
- (3) Students in this program must select one of the following minors (★18): Native Education, Cree Language or Social Studies.

Native Education (★18)

- (1) ★9 chosen from ANTHR 150, 207, 323, 350, 385, 393, 401, 422, 424, 436, 438; HECOL: 201, 462; HIST 368, 369; NS 152, 200, 260, 300, 314, 320; POL S 327; SOC 100, 367.
- (2) ★6 EDPS 432 and 411
- (3) ★3 EDPS 360 or 425 or 474

Cree Language (★18)

Students with Cree as a minor must complete NS 152, 252, and 352 before Year 4.

- (1) ★6 NS 252
- (2) ★6 NS 352
- (3) ★3 LING 100, 101, 211, 212, 213, 320
- (4) ★3 in Culture chosen from NS 200 level or above courses related to culture, except NS 200.

Social Studies (★18)

- (1) ★9 chosen, in three distinct subject areas, from Anthropology, Archaeology (Department of Classics), Human Geography and Planning, Economics, History, Law, Philosophy, Political Science, Religion, Sociology.
- (2) ★3 chosen in Canadian History chosen from NS or HIST.
- (3) ★3 chosen from Human Geography and Planning
- (4) ★3 EDEL 435 or EDES 409

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

75.7.1 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.

Students will select a major and minor from the following choices: (1) Biological Sciences, (2) Physical Sciences.

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 §§16.6.2 and 193.4).

Education Chart 3 Requirements for the BEd/BSc (Specialization in Science and Education) Degree Majors and Minors

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

Biological Sciences Major/Mathematical Sciences Minor (★150)				
Core Program Requirements	Year 1 (★30)	Year 2 (★30)	Year 3 (★30)	Years 4 and 5 (★60)
<p>Education: ★51 Major: ★45 Minor: ★27 100-level: ★30 (Maximum ★42)</p> <p>Graduation Requirements: GPA of 2.3 on all courses GPA of 2.7 on Major courses</p> <p>Area "B" ANTHR 230, BIOL 315, CHRTC 350, 352, CLASS 294, HIST 294, 391, 394, 396, 397, 398, 496, PHIL 217, 265, 317, 375, PHYS 261, STS 200, WGS 350</p> <p>Note: It is the student's responsibility to ensure that all prerequisites for higher level courses are met.</p>	<ul style="list-style-type: none"> 1. BIOL 107, 108 2. CHEM 101, 261 (see Note) 3. ★3 Junior ENGL or WRS 4. MATH 113 or 114 5. ★3 chosen from MATH 115, 125 or STAT 141 or 151 6. ★6 Arts Options 7. EDU 100 <p>Note: Or CHEM 164 if you present a grade of 90% or higher in Chemistry 30.</p>	<ul style="list-style-type: none"> 1. BIOL 207, 208 2. BIOCH 200 3. ★3 Junior ENGL or WRS 4. EDU 211 5. ★3 chosen from MATH 115 or 125 or STAT 141 or 151 6. ★6 in Biological Sciences at the 200-level 7. ★6 in Mathematical Sciences at the 200-level 	<ul style="list-style-type: none"> 1. ★6 EDFX 350 (5 weeks) 2. EDSE 352 (Major) 3. EDSE 307 4. EDPY 303 5. ★6 in Biological Sciences at the 200-, 300- or 400-level 6. EDPY 301 7. ★3 EDSE 338 (Minor) 8. EDPS 410 <p>Note: Courses 1 through 4 above constitute the Introductory Professional Term and must be taken concurrently.</p>	<ul style="list-style-type: none"> 1. ★9 EDFX 450 (9 weeks) 2. EDSE 451 3. EDSE 452 (Major) 4. ★12 in Biological Sciences at the 300- or 400-level 5. ★3 in Mathematical Sciences at the 300- or 400-level <p>Note: Courses 1 through 3 above constitute the Advanced Professional Term and must be taken concurrently.</p>

Education Chart 3 Requirements for the BEd/BSc (Specialization in Science and Education) Degree Majors and Minors (cont'd)

Biological Sciences Major/Physical Sciences Minor (★150)					
Core Program Requirements	Year 1 (★30)	Year 2 (★30)	Year 3 (★30)	Years 4 and 5 (★60)	
<p>Education: ★51 Major: ★42 Minor: ★27 100-level: ★33 (Maximum ★42) Graduation Requirements: GPA of 2.3 on all courses GPA of 2.7 on Major courses</p> <p>Area "A" CHEM 211, 263, PHYS 208, 271</p> <p>Area "B" ANTHR 230, BIOL 315, CHRTC 350, 352, CLASS 294, HIST 294, 391, 394, 396, 397, 398, 496, PHIL 217, 265, 317, 375, PHYS 261, STS 200, WGS 350</p> <p>Area "C" ASTRO 320, 322, or any 300-level CHEM or PHYS 301, 308, 310, 311, 362, 364 Note: It is the student's responsibility to ensure all prerequisites for 300-level courses are met.</p>	<ol style="list-style-type: none"> BIOL 107, 108 CHEM 101, 261 (see Note) ★3 Junior ENGL or WRS MATH 113 or 114 MATH 115 PHYS 124 or 144 PHYS 126 or 146 EDU 100 <p>Note: Or CHEM 164 if you present a grade of 90% or higher in Chemistry 30.</p>	<ol style="list-style-type: none"> BIOL 207, 208 BIOCH 200 CHEM 102 ★3 Junior ENGL or WRS EDU 211 ★3 Area "A" ★3 in Biological Sciences at the 200-level ★6 Arts Options 	<ol style="list-style-type: none"> ★6 in Biological Sciences at the 200-level ★6 Area "B" EDU 210 PHYS 261 EDPY 304 ★6 in Arts Options ★3 Area "C" 	<ol style="list-style-type: none"> ★6 EDFX 350 (5 weeks) EDSE 352 (Major) EDSE 307 EDPY 303 ★6 in Biological Sciences at the 200-, 300- or 400-level EDPY 301 EDPS 410 EDSE 305 (Minor) <p>Note: Courses 1 through 4 above constitute the Introductory Professional Term and must be taken concurrently.</p>	<ol style="list-style-type: none"> ★9 EDFX 450 (9 weeks) EDSE 451 EDSE 452 (Major) ★12 in Biological Sciences at the 300- or 400-level ★3 Area "C" <p>Note: Courses 1 through 3 above constitute the Advanced Professional Term and must be taken concurrently.</p>
Mathematical Sciences Major/Biological Sciences Minor (★150)					
Core Program Requirements	Year 1 (★30)	Year 2 (★30)	Year 3 (★30)	Years 4 and 5 (★60)	
<p>Education: ★51 Major: ★45 Minor: ★24 100-level: ★33 (Maximum ★42) Graduation Requirements: GPA of 2.3 on all courses GPA of 2.7 on Major courses</p> <p>Area "B" ANTHR 230, BIOL 315, CHRTC 350, 352, CLASS 294, HIST 294, 391, 394, 396, 397, 398, 496, PHIL 217, 265, 317, 375, PHYS 261, STS 200, WGS 350</p> <p>Note: It is the student's responsibility to ensure all prerequisites for 300-level courses are met.</p>	<ol style="list-style-type: none"> BIOL 107, 108 ★3 Junior ENGL or WRS MATH 113 or 114 MATH 115 MATH 125 STAT 141 or 151 ★6 in Physical Sciences at the 100-level EDU 100 	<ol style="list-style-type: none"> BIOL 207, 208 ★3 Junior ENGL or WRS EDU 211 MATH 214 MATH 215 MATH 228 MATH 241 ★6 Arts Options 	<ol style="list-style-type: none"> EDU 210 ★3 in Biological Sciences at the 200-level ★6 in Mathematical Sciences at the 200- or 300- or 400-level ★6 in Biological Sciences at the 200-, 300- or 400-level ★6 Arts Options ★6 Area "B" 	<ol style="list-style-type: none"> ★6 EDFX 350 (5 weeks) EDSE 337 (Major) EDSE 307 EDPY 303 ★6 in Biological Sciences at the 300- or 400-level ★3 in Mathematical Sciences at the 300- or 400-level ★3 EDSE 353 (Minor) EDPS 410 <p>Note: Courses 1 through 4 above constitute the Introductory Professional Term and must be taken concurrently.</p>	<ol style="list-style-type: none"> ★9 EDFX 450 (9 weeks) EDSE 451 EDSE 437 (Major) ★9 in Mathematical Sciences at the 300- or 400-level ★3 EDPY 304 EDPY 301 <p>Note: Courses 1 through 3 above constitute the Advanced Professional Term and must be taken concurrently.</p>
Mathematical Sciences Major/Physical Sciences Minor (★150)					
Core Program Requirements	Year 1 (★30)	Year 2 (★30)	Year 3 (★30)	Years 4 and 5 (★60)	
<p>Education: ★51 Major: ★45 Minor: ★27 100-level: ★39 (Maximum ★42) Graduation Requirements: GPA of 2.3 on all courses GPA of 2.7 on Major courses</p> <p>Area "A" BIOCH 200, CHEM 211, 263, PHYS 208, 271</p> <p>Area "B" ANTHR 230, BIOL 315, CHRTC 350, 352, CLASS 294, HIST 294, 391, 394, 396, 397, 398, 496, PHIL 217, 265, 317, 375, PHYS 261, STS 200, WGS 350</p> <p>Area "C" ASTRO 320, 322, or any 300-level CHEM or PHYS 301, 308, 310, 311, 362, 364 Note: It is the student's responsibility to ensure all prerequisites for 300-level courses are met.</p>	<ol style="list-style-type: none"> BIOL 107, 108 ★3 Junior ENGL or WRS MATH 113 or 114 MATH 115 MATH 125 STAT 141 or 151 ★6 in Physics or Chemistry chosen from CHEM 101, 102, PHYS 124 or 144, 126 or 146 EDU 100 	<ol style="list-style-type: none"> ★3 Junior ENGL or WRS EDU 211 MATH 214 MATH 215 MATH 228 MATH 241 ★6 in Physics or Chemistry chosen from CHEM 101, 102, PHYS 124 or 144, 126 or 146 CHEM 261 ★3 Arts Option 	<ol style="list-style-type: none"> ★3 Area "A" EDU 210 PHYS 208 or 271 ★3 in Mathematical Sciences at the 200-level ★6 Area "B" ★3 in Mathematical Sciences at the 300- or 400-level ★6 Arts Options ★3 EDPY 304 	<ol style="list-style-type: none"> ★6 EDFX 350 (5 weeks) EDSE 337 (Major) EDSE 307 EDPY 303 ★3 in Mathematical Sciences at the 300- or 400-level ★3 EDSE 366 (Minor) ★6 Area "C" ★3 EDPS 410 <p>Note: Courses 1 through 4 above constitute the Introductory Professional Term and must be taken concurrently.</p>	<ol style="list-style-type: none"> ★9 EDFX 450 (9 weeks) EDSE 451 EDSE 437 (Major) ★9 in Mathematical Sciences at the 300- or 400-level EDPY 301 ★3 Area "A" <p>Note: Courses 1 through 3 above constitute the Advanced Professional Term and must be taken concurrently.</p>
Physical Sciences Major/Biological Sciences Minor (★150)					
Chemistry Concentration (★150) Core Program Requirements	Year 1 (★30)	Year 2 (★30)	Year 3 (★30)	Years 4 and 5 (★60)	
<p>Education: ★51 Major: ★42 Minor: ★24 100-level: ★33 (Maximum ★42) Graduation Requirements: GPA of 2.3 on all courses GPA of 2.7 on Major courses</p> <p>Area "B" ANTHR 230, BIOL 315, CHRTC 350, 352, CLASS 294, HIST 115, 294, 391, 394, 396, 397, 398, 496, PHIL 217, 265, 317, 375, PHYS 261, STS 200, WGS 350</p> <p>Area "C" ASTRO 320, 322, or any 300-level CHEM or PHYS 301, 308, 310, 311, 362, 364 Note: It is the student's responsibility to ensure all prerequisites for 300-level courses are met.</p>	<ol style="list-style-type: none"> BIOL 107, 108 CHEM 101, 102 ★3 Junior ENGL or WRS MATH 113 or 114 MATH 115 PHYS 124 or 144 PHYS 126 or 146 EDU 100 	<ol style="list-style-type: none"> BIOL 207, 208 CHEM 261 EDU 210 ★3 Junior ENGL or WRS EDU 211 PHYS 208 or 271 ★3 chosen from CHEM 211 or PHYS 294 ★6 Arts Options 	<ol style="list-style-type: none"> CHEM 263 ★3 chosen from CHEM 211 or PHYS 294 ★6 in Biological Sciences at the 200-level ★3 Arts Option ★6 Area "B" ★3 Area "C" PHYS 281 ★3 Science Option 	<ol style="list-style-type: none"> ★6 EDFX 350 (5 weeks) EDSE 307 EDPY 303 EDSE 364 (Major) EDPS 410 ★3 EDSE 305 (Minor) ★6 in Biological Sciences at the 300- or 400-level ★3 Arts Option <p>Note: Courses 1 through 4 above constitute the Introductory Professional Term and must be taken concurrently.</p>	<ol style="list-style-type: none"> ★9 EDFX 450 (9 weeks) EDSE 451 EDSE 460 (Major) ★3 EDPY 304 ★9 Area "C" EDPY 301 <p>Note: Courses 1 through 3 above constitute the Advanced Professional Term and must be taken concurrently.</p>

Education Chart 3 Requirements for the BEd/BSc (Specialization in Science and Education) Degree Majors and Minors (cont'd)

Physics Concentration (★150) Core Program Requirements Education: ★51 Major: ★42 Minor: ★24 100-level: ★33 (Maximum ★42) Graduation Requirements: GPA of 2.3 on all courses GPA of 2.7 on Major courses Area "B" ANTHR 230, BIOL 315, CHRTC 350, 352, CLASS 294, HIST 294, 391, 394, 396, 397, 398, 496, PHIL 217, 265, 317, 375, PHYS 261, STS 200, WGS 350 Area "C" ASTRO 320, 322, PHYS 301, 308, 310, 311 or any 300-level CHEM. Note: It is the student's responsibility to ensure all prerequisites for 300-level courses are met.	Year 1 (★30)	Year 2 (★30)	Year 3 (★30)	Years 4 and 5 (★60)	
	Physical Sciences Major/Mathematical Sciences Minor (★150) Core Program Requirements Education: ★51 Major: ★42 Minor: ★27 100-level: ★36 (Maximum ★42) Graduation Requirements: GPA of 2.3 on all courses GPA of 2.7 on Major courses Area "B" ANTHR 230, BIOL 315, CHRTC 350, 352, CLASS 294, HIST 294, 391, 394, 396, 397, 398, 496, PHIL 217, 265, 317, 375, PHYS 261, STS 200, WGS 350 Area "C" ASTRO 320, 322, or any 300-level CHEM or PHYS 301, 308, 310, 311, 362, 364 Note: It is the student's responsibility to ensure all prerequisites for 300-level courses are met.	1. BIOL 107, 108 2. CHEM 101, 102 3. ★3 Junior ENGL or WRS 4. MATH 113 or 114 5. MATH 115 6. PHYS 124 or 144 7. PHYS 126 or 146 8. EDU 100	1. BIOL 207, 208 2. CHEM 261 3. EDU 210 4. ★3 Junior ENGL or WRS 5. EDU 211 6. PHYS 208 or 271 7. MATH 214 8. ★3 chosen from CHEM 211 or PHYS 294 9. ★3 Arts Options	1. CHEM 263 2. ★3 chosen from CHEM 211 or PHYS 294 3. ★6 in Biological Sciences at the 200-level 4. MATH 215 5. PHYS 281 6. ★6 Arts Option 7. ★3 Area "B" 8. ★3 Area "C"	1. ★6 EDFX 350 (5 weeks) 2. EDPY 303 3. EDSE 307 4. EDSE 364 (Major) 5. EDPS 410 6. EDSE 305 (Minor) 7. ★6 in Biological Sciences at the 300- or 400-level 8. ★3 Arts Option Note: Courses 1 through 4 above constitute the Introductory Professional Term and must be taken concurrently.
Core Program Requirements Education: ★51 Major: ★42 Minor: ★27 100-level: ★36 (Maximum ★42) Graduation Requirements: GPA of 2.3 on all courses GPA of 2.7 on Major courses Area "B" ANTHR 230, BIOL 315, CHRTC 350, 352, CLASS 294, HIST 294, 391, 394, 396, 397, 398, 496, PHIL 217, 265, 317, 375, PHYS 261, STS 200, WGS 350 Area "C" ASTRO 320, 322, or any 300-level CHEM or PHYS 301, 308, 310, 311, 362, 364 Note: It is the student's responsibility to ensure all prerequisites for 300-level courses are met.	1. BIOL 107, 108 2. CHEM 101, 102 3. ★3 Junior ENGL or WRS 4. MATH 113 or 114 5. MATH 115 6. PHYS 124 or 144 7. PHYS 126 or 146 8. EDU 100	1. EDU 210 2. CHEM 261 3. ★3 Junior ENGL or WRS 4. EDU 211 5. MATH 125 6. MATH 214 7. PHYS 261 or 281 8. PHYS 208 or 271 9. ★3 chosen from CHEM 211 or PHYS 294 10. ★3 Arts Option	1. CHEM 263 2. MATH 228 3. MATH 215 4. ★3 chosen from CHEM 211 or PHYS 294 5. ★6 Arts Options 6. ★6 Area "B" 7. ★6 Area "C"	1. ★6 EDFX 350 (5 weeks) 2. EDPY 303 3. EDSE 307 4. EDSE 364 (Major) 5. EDPS 410 6. ★3 EDSE 338 (Minor) 7. ★6 in Mathematical Sciences at the 300- or 400-level 8. ★3 Science Option Note: Courses 1 through 4 above constitute the Introductory Professional Term and must be taken concurrently.	1. ★9 EDFX 450 2. EDSE 451 3. EDSE 460 (Major) 4. ★3 Arts Option 5. ★3 EDPY 304 6. ★6 Area "C" 7. EDPY 301 Note: Courses 1 through 3 above constitute the Advanced Professional Term and must be taken concurrently.

75.8 BMus/BEd Five-Year Combined Degrees

75.8.1 General Information

The Department of Music and the Faculty of Education offer two five-year integrated programs of ★162 each, leading to the degrees of Bachelor of Music and Bachelor of Education (Elementary), and Bachelor of Music and Bachelor of Education (Secondary). The first three years (★99) are taken in the Faculty of Arts and the last two years (★63) are taken in the Faculty of Education.

75.8.2 BMus/BEd (Elementary)

Program Requirements

Year 4 and 5 (★30) Taken in the Faculty of Education

Students should refer to their individual Program Sheet for proper course sequencing.

Course Requirements:

EDU 210 (★3)
 EDEL 302 (★3)
 EDEL 305 (★3)
 EDEL 316 (★3)
 EDEL 321 (★3)
 EDEL 325 or 328 (★3)
 EDEL 330 (★3)
 EDEL 335 (★3)
 EDEL 400-Level (★3). EDEL 425 or 428 recommended
 EDFX 325 (★6)
 EDFX 425 (★9)
 EDPS 410 (★3)
 EDPY 301 (★3)
 EDPY 302 (★3)
 EDPY 303 (★3)
 Education Elective (★3)
 ★3 Element a. Aboriginal and Indigenous Histories and Culture. See §75.3.2.
 ★3 Element f. Physical and Health Education. See §75.3.2.

75.8.3 BMus/BEd (Secondary)

Program Requirements

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

This information may also be found in §43.12.

Year 1 (★33) Taken in the Faculty of Arts

- (1) Approved junior ENGL (★6)
- (2) MUSIC 125 (★6)
- (3) MUSIC 102 or 129 (★3) See Notes below.
- (4) MUSIC 140 or 141 (★3)
- (5) MUSIC 151 (★3)
- (6) MUSIC 155 (★3)
- (7) MUSIC 156 (★3)
- (8) Minor: choose any course from the specific teaching minor (★6)

Notes

- (1) MUSIC 129 must be taken by those students who have failed the Piano Proficiency Examination.
- (2) MUSIC 102 must be taken by those students who have passed the Piano Proficiency Examination.

Year 2 (★33) Taken in the Faculty of Arts

- (1) EDU 100 (★3)
- (2) MUSIC 102 (★3)
- (3) MUSIC 225 (★6)
- (4) MUSIC 245 (★3)
- (5) MUSIC 251 (★3)
- (6) MUSIC 255 (★3)
- (7) MUSIC 256 (★3)
- (8) MUSIC 440 or 441 (★3)
- (9) Second Language: choose from any one language other than English (★6)

Year 3 (★33) Taken in the Faculty of Arts

- (1) EDU 211 (★3)
- (2) MUSIC 213 (★3)
- (3) MUSIC 214 (★3)
- (4) MUSIC 215 (★3)
- (5) MUSIC 280 (★3)

- (6) MUSIC 315 (★3)
- (7) MUSIC 425 (★6)
- (8) MUSIC option (★3)
- (9) EDSE 3XX (minor) (★3)
- (10) Minor: choose any course from the specific Teaching minor (★3)

Year 4 and 5 (★63) Taken in the Faculty of Education

Students should refer to their individual Program Sheet for proper course sequencing.

Course Requirements (★33):

- (1) MUSIC 230 (★3)
- (2) MUSIC 440 or 441 (★3)
- (3) MUSIC 103, 206, 314, or 365 (★3)
- (4) MUSIC 283 or 284 (★3)
- (5) MUSIC 416 or 417 or 431 (★3)
- (6) EDPS 410 (★3)
- (7) EDPY 301 (★3)
- (8) EDPY 304 (★3)
- (9) Minor: choose any courses from the specific Teaching minor (★9)

Field Experience Terms (★30)

Courses taken in the Field Experience Terms are normally taken concurrently.

Introductory Professional Term (★15)

- (1) EDFX 350 (★6)
- (2) EDPY 303 (★3)
- (3) EDSE 307 (★3)
- (4) EDSE 343 (★3)

Advanced Professional Term (★15)

- (1) EDFX 450 (★9)
- (2) EDSE 443 (★3)
- (3) EDSE 451 (★3)

75.9 BKin/BEEd (Secondary Route) Combined Degrees

75.9.1 General Information

See also §§16.6.4, 16.13.3 and 153.4.

The Bachelor of Kinesiology/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. Students are registered in the Faculty of Education for the final two years. (See §16.6.4 for detailed admission requirements to the Faculty of Education for this combined degree.)

75.9.2 Program Requirements (Secondary Route)

This information may also be found in §154.4.1.

Year 1 (★33) Taken in the Faculty of Physical Education and Recreation

- (1) EDU 100
- (2) PAC/DAC (★3)
- (3) ★6 chosen from ENGL or ★3 in ENGL and ★3 in WRS
- (4) PEDS 100 (★3)
- (5) PEDS 101 (★3)
- (6) PEDS 294 (★3)
- (7) PERLS 104 (★3)
- (8) PERLS 105 (★3)
- (9) ★6 of Minor courses

Year 2 (★33) Taken in the Faculty of Physical Education and Recreation

- (1) EDU 211 (★3)
- (2) HE ED 220 (★3)
- (3) PAC/DAC (★3)
- (4) PEDS 200 (★3)
- (5) PEDS 203 (★3)
- (6) PEDS 206 (★3)
- (7) PEDS 245 (★3)
- (8) PERLS 204 (★3)
- (9) PERLS 207 (★3)
- (10) ★6 of Minor courses

Year 3 (★33) Taken in the Faculty of Physical Education and Recreation

- (1) EDU 210 (★3)
- (2) HE ED 321 or PEDS 303 (★3)
- (3) PEDS 205 (★3)
- (4) PEDS 240 (★3)
- (5) PEDS 207 (★3)
- (6) PEDS 471 or 472 or PERLS 323 (★3)
- (7) PERLS 304 (★3)
- (8) PERLS 371 (★3)
- (9) PAC/DAC (★3)
- (10) ★6 of Minor courses

Years 4 and 5 (★60) Taken in the Faculty of Education

Students should refer to their individual Program Sheet for proper course sequencing.

Course Requirements (★30)

- (1) EDSE 3XX (Minor) (★3)
- (2) EDPS 410 (★3)
- (3) EDPY 301 (★3)
- (4) EDPY 304 (★3)
- (5) PAC/DAC (★9)
- (6) Open Options (★9)

Field Experience Terms (★30)

Courses taken in the Field Experience Terms are normally taken concurrently.

Introductory Professional Term (★15)

- (1) EDFX 350 (★6)
- (2) EDPY 303 (★3)
- (3) EDSE 307 (★3)
- (4) EDSE 347 (★3)

Advanced Professional Term (★15)

- (1) EDFX 450 (★9)
- (2) EDSE 451 (★3)
- (3) EDSE 447 (★3)

75.10 BKin/BEEd (Elementary Route) Five-Year Combined Degrees

75.10.1 General Information

This degree program consists of ★159 overall. The first three years (★90) are taken in the Faculty of Physical Education and Recreation (see §153.4) and the last two years (★69) while registered taken in the Faculty of Education.

75.10.2 Program Requirements

Year 1 (★33)

- (1) EDU 100
- (2) ★6 chosen from ENGL or WRS
- (3) ★3 MATH or STAT (MATH 160 recommended)
- (4) PEDS 100
- (5) PEDS 101
- (6) PEDS 293
- (7) PERLS 104
- (8) PERLS 105
- (9) ★3 PAC/DAC/DANCE
- (10) ★3 Open Option

Year 2 (★33)

- (1) DANCE 431
- (2) EDU 211
- (3) HE ED 220
- (4) PEDS 200
- (5) PEDS 203
- (6) PEDS 205
- (7) PEDS 206
- (8) PEDS 245
- (9) PERLS 204
- (10) PERLS 207
- (11) ★3 PAC/DAC/DANCE

Year 3 (★33)

- (1) EDU 210
- (2) HE ED 321 or PEDS 303

- (3) PAC 325
- (4) PAC 365
- (5) PEDS 240 or 338
- (6) PEDS 207
- (7) PEDS 471 or PERLS 323
- (8) PERLS 304
- (9) PERLS 371
- (10) ★3 PAC/DAC/DANCE
- (11) ★3 Open option

Year 4 (★30)

Fall Term: Course Requirements

- (1) EDEL 305 (★3)
- (2) EDEL 316 or 321 (★3)
- (3) EDPY 302 (★3)
- (4) Aboriginal and Indigenous Histories and Culture [See Education 75.3.2(1).] (★3)
- (5) Open Option (★3)

Winter Term: Introductory Professional Term Requirements

Courses in the IPT are normally taken concurrently.

- (1) EDFX 325 (★6)
- (2) EDEL 316 or 321 (★3)
- (3) ★3 chosen from EDEL 302, 325, 330, 335
- (4) EDPY 303 (★3)

Year 5 (★30)

Fall Term: Advanced Professional Term

Courses in the APT are normally taken concurrently.

- (1) EDFX 425 (★9)
- (2) ★3 chosen from EDEL 302, 325, 330, 335
- (3) EDPY 301 (★3)

Winter Term: Course Requirements

- (1) EDEL (300-Level) Option (★3)
- (2) EDEL (400-Level) Option (★3)
- (3) EDPS 410 (★3)
- (4) Education Elective (★3)
- (5) Open Option (★3)

Notes

- (1) A minimum of ★18 is required in DAC/PAC/DANCE Activity courses.
- (2) A maximum of ★24 may be taken in DAC/PAC/DANCE Activity courses.
- (3) Students are encouraged to select PAC/DAC/DANCE courses appropriate for teaching the Alberta Physical Education Program of Study. Students must present at least ★3 in the following areas:
Alternative Environments (PEDS 205)
Dance (DANCE 431)
Games (PAC 325)
Gymnastics (PAC 365)
Individual Activity (★3 from PAC 156, 173, 174, 197, 355, 356, 370)

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

75.11.1 General Information

(See also §§16.1.7, 16.6.6 and 34.14)

The Bachelor of Science in Human Ecology/Bachelor of Education (Secondary) Combined Degrees program provides a five-year integrated program of ★150. Coursework within the two Faculties is taken concurrently. Students initially apply for admission to the Faculty of Agricultural, Life and Environmental Sciences and are considered to be registered in that Faculty for the first three years of the program. All qualified Year 3 BSc in Human Ecology/Bachelor of Education students will be promoted to Year 4 in the Faculty of Education provided a minimum GPA of 2.0 has been achieved and a minimum of ★90 applicable to the BSc in Human Ecology/BEd (Secondary) Degrees program has been successfully completed.

See §16.6.6 for detailed admission requirements and procedures for entry to Year 4 of this Combined Degrees Program.

75.11.2 Program Requirements

This information may also be found in §34.14.

Program Core (★81) (see Note 1 and 3)

- (1) ★6 ENGL, or ★3 ENGL and ★3 WRS
- (2) ALES 204 (★3)

- (3) ECON 101 (★3) and 102 (★3)
- (4) STAT 151 (★3) or SOC 210 (★3)
- (5) ★6 Natural Sciences from BIOL, CHEM, PHYS, EAS (Faculty of Science), PSYCO (Faculty of Science) (see Note 4)
- (6) Open Option (★3)
- (7) HECOL 100, 170, 201, 210, 211, 250, 313, and 254 (★24)
- (8) HECOL 321 or 322 (★3)
- (9) HECOL (★9) (see Note 4)
- (10) HECOL at 400-level or above (★3)
- (11) HE ED 110 (★3)
- (12) NU FS 200, 223, 372, or 373 (★3)
- (13) NUTR 100 and NU FS 100 (★6)
- (14) MARK 312, PSYCO 212, SOC 315, or W ST 302 (★3)

BEd Core (★69)

- (1) Minor (★18) (See Note 2)
- (2) EDU 100, 210 and 211 (★9)
- (3) 300-level EDSE course (Minor) (★3)
- (4) EDSE 307, 317, 417, 451 (★12)
- (5) EDPS 410 (★3)
- (6) EDPY 301, 303 and 304 (★9)
- (7) EDFX 350, 450 (★15)

Notes

- (1) Professional Designation: To meet the educational requirements for Professional Human Ecologist designation, students must present ★36 in Human Ecology, Nutrition and Food Science, or Nutrition, including HECOL 100, plus ★12 in course work closely related to their specialization.
- (2) Students should declare their minor early in the program by filling out a form in 231 General Services Building. To decide on a minor, consult Education Chart 2.
- (3) The Management in Organizations and Capstone Course requirements in §§34.1 and 34.13 are met by completion of Faculty of Education requirements.
- (4) Students in the Combined BSc Human Ecology/BEd degree cannot take HECOL 301. HECOL 268 or 270 is recommended. HECOL 300 is not recommended.

Year 1 (★30) Taken in the Faculty of Agricultural, Life and Environmental Sciences

- (1) ENGL (★3)
- (2) ENGL or WRS (★3)
- (3) ECON 101 (★3)
- (4) ECON 102 (★3)
- (5) HECOL 100 (★3)
- (6) HECOL 250 (★3)
- (7) HECOL 170 (★3)
- (8) Natural Sciences from BIOL, CHEM, PHYS, EAS (Faculty of Science), PSYCO (Faculty of Science) (★3)
- (9) NUTR 100 (★3)
- (10) EDU 100 (★3)

Year 2 (★30) Taken in the Faculty of Agricultural, Life and Environmental Sciences

- (1) ALES 204 (★3)
- (2) NU FS 100 (★3)
- (3) STAT 151 or SOC 210 (★3) (SOC 210 recommended) (See Note 1) (★3)
- (4) HECOL 201 (★3)
- (5) HECOL 210 (★3)
- (6) HECOL 211 (★3)
- (7) HE ED 110 (★3)
- (8) Natural Sciences from BIOL, CHEM, PHYS, EAS (Faculty of Science), PSYCO (Faculty of Science) (★3)
- (9) Minor: choose any course from the specific teaching minor (★6)

Year 3 (★30) Taken in the Faculty of Agricultural, Life and Environmental Sciences

- (1) EDU 210 (★3)
- (2) MARK 312, PSYCO 212, SOC 315, W ST 302 (★3) (See Note 1)
- (3) HECOL 313 (★3)
- (4) HECOL 321 or 322 (★3)
- (5) HECOL 254 or 354 (★3)
- (6) Open Option (★3)
- (7) EDU 211 (★3)
- (8) NU FS 200, 223, 372, or 373 (★3)
- (9) Minor: choose any course from the specific teaching minor (★6)

Years 4 and 5 (★60) Taken in the Faculty of Education

Students should refer to their individual Program Sheet for proper course sequencing.

Course Requirements (★30)

- (1) EDSE 3XX (Minor) (★3)
- (2) EDPS 410 (★3)
- (3) EDPY 301 (★3)
- (4) EDPY 304 (★3)
- (5) HECOL Options (★9)
- (6) HECOL 400-level (★3)
- (7) Minor: choose any course from the specific teaching minor (★6)

Field Experience Terms (★30)

Courses taken in the Field Experience Terms are normally taken concurrently.

Introductory Professional Term (★15)

- (1) EDFX 350 (★6)
- (2) EDPY 303 (★3)
- (3) EDSE 307 (★3)
- (4) EDSE 317 (★3)

Advanced Professional Term (★15)

- (1) EDFX 450 (★9)
- (2) EDSE 451 (★3)
- (3) EDSE 417 (★3)

Note: Students are advised to consider prerequisite courses for advanced courses when planning their program, e.g., SOC 315 requires SOC 100 and 210 as prerequisites.

75.12 BA (Drama)/BEd (Secondary) Combined Degrees

75.12.1 General Information

(See also §43.12)

This Bachelor of Arts/Bachelor of Education Combined Degrees program consists of ★150 normally taken over five years of full-time study. Coursework within the two Faculties is taken concurrently. Students initially apply for admission to the Faculty of Arts and are considered to be registered in that Faculty for the first three years of the program. All qualified Year 3 Bachelor of Arts (Drama)/Bachelor of Education students will be promoted to Year 4 in the Faculty of Education provided a minimum GPA of a 2.3 has been achieved and a minimum of ★90 applicable to this program has been successfully completed. Please note that the Combined BA/BEd program requires a minimum of ★12 of 400-level DRAMA or above. A recommended program structure is outlined below. Since this program is very tightly constructed, and depends on careful sequencing of DRAMA courses throughout the five years of the program, we strongly encourage students to consult with program advisors prior to making any variations to this program.

75.12.2 Program Requirements

This information may also be found in §43.12.

Year 1 (★30) Taken in the Faculty of Arts

- (1) ★6 Junior ENGL
- (2) DRAMA 103 (★3) and 150 (★3)
- (3) ★6 Language Other than English
- (4) ★12 chosen from the following three Groups (see Arts Chart 1)
 - a. up to ★6 Group 2 (Study of Cultures and Cultural Products)
 - b. up to ★6 Group 3 (Study of Social Systems and Interactions)
 - c. up to ★6 Study of Science

Year 2 (★30) Taken in the Faculty of Arts

- (1) DRAMA 208 (★3)
- (2) DRAMA 240 (★3)
- (3) DRAMA 257 (★3)
- (4) DRAMA 259 (★3)
- (5) DRAMA 279 (★3)
- (6) EDU 100 (★3)
- (7) EDU 211 (★3)
- (8) ★3 Minor requirement (see Education Chart 2 and consult advisor)
- (9) Remaining ★6 not taken in First Year chosen from the following three Faculty of Arts groups:
 - a. Up to ★6 Group 2
 - b. Up to ★6 Group 3
 - c. Up to ★6 Study of Science

Year 3 (★30) Taken in the Faculty of Arts

- (1) DRAMA 302 (★3)
- (2) DRAMA 308 (★3)
- (3) DRAMA 357 (★3)
- (4) DRAMA 383 (★3)
- (5) DRAMA 391 (★3)
- (6) ★9 Minor requirement (see Education Chart 2 and consult advisor)
- (7) EDU 210 (★3)
- (8) EDPY 304 (★3)

Year 4 and 5 (★60) Taken in the Faculty of Education

Students should refer to their individual Program Sheet for proper course sequencing.

Course Requirements (★30)

- (1) DRAMA 457 (★6) or other approved ★6 400 or 500-level DRAMA
- (2) DRAMA 483 or another approved 400 or 500-level drama course (★3) (see Note 1)
- (3) ★3 selected from DRAMA 327, 331, 407, 454, 459, 507 or other approved performer-created theatre course. See Note 2.
- (4) EDSE 3XX (Minor) (★3)
- (5) EDPS 410 (★3)
- (6) EDPY 301 (★3)
- (7) ★6 Open options (may include DRAMA)
- (8) ★3 Minor requirements (see Education Chart 2 and consult advisor)

Field Experience Terms (★30)

Courses taken in the Field Experience Terms are normally taken concurrently.

Introductory Professional Term (★15)

- (1) EDFX 350 (★6)
- (2) EDPY 303 (★3)
- (3) EDSE 307 (★3)
- (4) EDSE 322 (★3)

Advanced Professional Term

- (1) EDFX 450 (★9)
- (2) EDSE 422 (★3) (Major)
- (3) EDSE 451 (★3)

Notes

- (1) Admission to some DRAMA courses requires consent of the Department of Drama. It is recommended that students consult with advisors in Drama and Education upon acceptance into the program.
- (2) Students are reminded that ★9 400-level DRAMA or above are required in total.

75.13 Bachelor of Science (BSc)/Bachelor of Education (BEd) (Secondary) Combined Degrees Program (Augustana)

75.13.1 General Information

The Faculties of Augustana and Education offer a 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.

75.13.2 Program Requirements

The Bachelor of Science (BSc)/Bachelor of Education (BEd)(Secondary) Combined Degrees Program (Augustana) consists of ★102 Arts and Science plus ★48 Education credits. The program is normally completed in five years, three years at the Augustana Campus while registered in the Augustana Faculty and a final two years in the Faculty of Education.

The residence requirement for this program is specified in §52.9.2. The ★150 in the program are made up of core and general requirements, Education requirements, a major subject, a minor subject, and options, as follows:

(1) Core Requirements (★36)

Part A. The Augustana Core (★15)

★15 from at least three of the following five categories with no more than ★6 in any one category:

- Integrating knowledge
- Global studies
- Environmental sustainability
- Experiential learning
- Creative and imaginative process

See §52 Augustana Chart 1 for lists of courses that satisfy these requirements.

Courses that satisfy these requirements may overlap with the student's major and minor and with prerequisites and supporting courses, but not with the breadth requirements in Part B.

Part B. The Breadth Requirements (★15)

★3 fine arts: any AUART except 228; any AUDRA except 228, 301; any AUMUS except 228, 375, 475.

★6 humanities.

★6 science.

★6 social sciences.

See §56.2 Classification of Courses for the definition of humanities, science and social sciences courses.

Courses that satisfy these requirements may overlap with general requirements, the student's minor, prerequisites and supporting courses, but not with the student's major or with Augustana Core in Part A.

(2) General Requirements (★12)

- ★6 language or literature from AUCLA 102, 242, 243, 244; AUENG 103, 104; AUGER 291, 292, 293; AULIT 201, 202; AUSCA 141, 151, 152, 161, 241, 251, 252, 261; AUSPA 230, 231.
- ★3 computing science or educational computing: one of AUCSC 110, 120 or AUEDC 202.
- ★3 history, philosophy, and theory of science: one of AUBIO 411; AUENV 421; AUGEO 421; AUIDS 380, 381, 382, 383, 384, or 385; AUMAT 480; AUPHI 350, 355; and AUPHY 480.

Courses that satisfy these requirements may overlap with the core requirements, the Education requirements, and/or with the student's major.

(3) Education Requirements (★48)

- ★3 AUEPS 258.
- ★6 EDPY 301 and 303.
- ★15 EDFX 350 and 450.
- ★3 EDPS 410
- ★3 EDSE 307
- ★3 EDSE 451
- ★6 EDSE (Major)
- ★3 EDSE (Minor)
- ★3 EDU 211
- ★3 Education Elective

Note: The field experience components will be fulfilled in a rural or small-city school placement.

(4) Major Subject (★42)

Subject areas that may be selected as a Major are as follows: Biology, Chemistry, General Sciences, Mathematical Sciences, Mathematics and Physics, Physical Sciences.

(5) Minor Subject (★18)

Subject areas that may be selected as a Minor are as follows: Art, Biology, Chemistry, Drama, English Language Arts, General Sciences, Mathematical Sciences, Music: Choral, Physical Education, Physical Sciences, Philosophy and Religious Studies, Physics, Second Language French, Second Language German, Second Language Spanish, Social Studies.

(6) Non-Education Options (★0-18)

The number of Non-Education options required will depend on the number of prerequisites and supporting courses required on the selected major and minor and on the degree of overlap between the core, general, major and minor requirements.

75.14 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. The focus of this program is on Middle School Education. For more information regarding this ongoing program, contact Undergraduate Student Services or the Education Programs Office, Red Deer College.

75.15 Collaborative BEd Degree Completion Program with Grande Prairie Regional College

A Bachelor of Education (Elementary) Degree Completion program with Grande Prairie Regional College was approved, beginning in September 1999. The focus of the Teacher Education North program is teaching in northern communities. For more information regarding this ongoing program, contact Undergraduate Student Services or the Registrar's Office, Grande Prairie Regional College.

75.16 Collaborative BEd Degree Completion Program with Medicine Hat College

The Bachelor of Education (Elementary Route) Degree Completion program with Medicine Hat College will cease to be offered. The Final intake for this program will be September 2012. This program offers one minor: Teaching in Rural Communities South. For more information regarding this program, contact Undergraduate Student Services or the Registrar's Office, Medicine Hat College.

75.17 Collaborative BEd Degree Completion Program with the Aboriginal Teacher Education Program (ATEP)

A Bachelor of Education Degree Completion program in collaboration with various postsecondary institutions such as Blue Quills First Nations College, Keyano College, Northern Lakes College, Maskwachees Cultural College, Portage College on an alternating basis. For more information contact the Office of the Dean, Faculty of Education.

75.18 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 Internal Transfer* form to the Registrar's Office.

75.19 Certificates

The Faculty of Education is the administrative unit for a number of certificates offered to graduating students which acknowledge formally that students have studied particular themes, within one discipline, or across disciplines. Normally the requirements for the certificates can be completed as part of the requirements for the degree; however, in some cases, a student may need to take more than the minimum required for his or her degree program in order to qualify for both the degree and the certificate. The following certificates are available:

Certificate in Global Citizenship: available to undergraduate students across the University, regardless of Faculty or program.

Deadline for Application: Application for all certificates is made to the student's home Faculty student services office by February 1 for Spring Convocation and September 1 for Fall Convocation. At present, this certificate is not available to students who have already completed their degrees, or who are not receiving a degree at the appropriate convocation.

75.19.1 Certificate in Global Citizenship

For information, contact: gccd@ualberta.ca. Website: www.gccd.ualberta.ca.

- ★3 INT D 404 Global Citizenship: Contemporary Issues and Perspectives
- ★9 selected from: ANTHR 230, 310, 372, 393, 417, 460; AREC 375, 485; BIOL 332, 367, 381; BOT 384; BUEC 463; BUS 435, 466; CHRTC 349; CSL 100, 300, 350, 360; D HYG 440; EAS 208, 457, 493; ECON 467; EDPS 422; 425; EDFX 490; EDU M 498; EDU S 350; HECOL 441, 462; INT D 303, 361, 370, 393; LING 324; LIS 210; MARK 455; MEAS 300*; MUSIC 144*, 244*, 365*; NS 111,

300, 355, 361, 405; NURS 494/495, 498; PERLS 440/441; PHIL 301, 339, 355; POL S 260, 266, 396, 443; R SOC 355,365,450; RLS 130, 223, 263, 452, 463; SCI 299; SOC 269, 369, 370, 477; SMO 417, 435, 437, 442; WGS 310, 450

Notes

- (1) Maximum of ★3 from any given course can be used for the certificate.
- (2) No more than ★3 of the ★12 credits may be transfer credits from other postsecondary institutions.
- (3) Students must meet the necessary prerequisites, co-requisites, and/or restrictions for courses used to satisfy the ★9 set out in §75.19.1(2)).
- (4) *MEAS 300, MUSIC 144, 244 and 365 that are part of the Education Abroad Program in Ghana are the only course sections applicable to this Certificate.

76 Bachelor of Education Programs for Holders of Approved Degrees

76.1 Advanced Study in Education

76.1.1 Diploma of the Faculty of Education

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

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

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

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

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

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

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

Department of Educational Psychology

Inclusive/Special Education
Instructional Technology
Teaching English as a Second Language (Program Plan A)
Teaching English as a Second Language (Program Plan B)

Department of Educational Policy Studies

Adult Education
Education Administration
Postsecondary Education

Department of Elementary Education

Early Childhood Education
General Studies
Language Arts
Music Education
Second Languages

Department of Secondary Education

Art
Biological Sciences
Chemistry
Career and Technology Studies (CTS)

CTS: Business, Administration, Finance
CTS: Communication Arts
CTS: Computing Science
CTS: Design
CTS: Health
CTS: Human Sciences
CTS: Media
CTS: Natural Resources
CTS: Recreation
CTS: Trades, Manufacturing, and Transportation
Computers in Education
Curriculum and Instruction
Drama
English Language Arts
English as a Second Language
General Sciences
Health Education
Mathematics
Music: Classroom Guitar
Physical Education
Physical Sciences (Chemistry and Physics)
Physics
Religious and Moral Education
Second Languages
Social Studies
Special Topics*

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

76.1.2 Graduate Degree Programs in Education

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

Department of Educational Policy Studies: adult education; educational administration and leadership; indigenous peoples education; and theoretical, cultural and international studies in education.

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

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

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

To meet candidates' needs and interests, departments permit considerable flexibility in the programs leading to advanced degrees. In general, students pattern their courses from the offerings of the department of their choice, supplemented by approved courses from other departments. Specific requirements for graduate degrees offered by the various departments in the Faculty of Education are found in §205.

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

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

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

77 Courses

Faculty of Education courses are listed in §231, Course Listings, under the following subject headings:

Education – (EDU)
Education – Adult Education (EAD)
Education – Career and Technology Studies (EDCT)
Education – Elementary (Curriculum and Pedagogy) (EDEL)

Education – Elementary and Secondary (Curriculum and Instruction Common Courses) (EDES)
Education – Field Experience (EDFX)
Education – Instructional Technology (EDIT)
Education – Policy Studies (EDPS)
Education – Psychology (EDPY)
Education – Secondary (Curriculum and Teaching) (EDSE)

78 School of Library and Information Studies

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

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

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

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

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

School of Library and Information Studies courses are listed in §231, Course Listings, under the heading Library and Information Studies (LIS).

79 Employment with Catholic School Boards

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