



# **MESSAGE FROM THE PRESIDENT**

I am pleased to welcome you to the University of Alberta! Whether you are a new or returning student, the year ahead presents a wealth of new and exciting opportunities. We boast a wide variety of degrees, programs and courses, taught by experts in their fields, in some of the top research and teaching facilities in the world, as well as exciting opportunities to study, work or volunteer locally or abroad.

Students from all disciplines can choose from more than 100 courses or exchanges from numerous destinations around the world. For example, you can take courses in the Arts and Humanities at our satellite campus in Cortona, Italy, or participate in an exchange program with the University of Ghana and witness life in rural Ghana firsthand.

Closer to home, we have numerous world-class facilities such as the Li Ka Shing Institute of Virology, NINT (the National Institute of Nanotechnology), and the Timms Centre for the Arts. We have cultivated an engaged community of students, staff and faculty who are committed to the uplifting of the whole people through creativity, discovery and citizenship. Our graduates are thoughtful and responsible leaders and citizens who have gone on to lead corporations and governments, perform transformative humanitarian work globally, and become world-renowned artists and musicians.

Follow in their footsteps by exploring your own opportunities and forging your own path. We are here to help you realize your dreams. I think that you will find the possibilities to be limitless.

Yours sincerely,

Induia Samerasihi

Indira V Samarasekera, O.C. President and Vice-Chancellor www.president.ualberta.ca

# **Table of Contents**

#### Inquiries 1

#### Academic Schedule 2011-2012

Major Deadlines from the 2011-2012 Academic Schedule 4 Academic Schedule 2011-2012 6

#### Undergraduate Application Deadlines for Admission and Readmission

Undergraduate Application Procedures 17

#### Undergraduate Admission

 Admission to Undergraduate Programs
 18

 General Admission Requirements
 21

 Admission Requirements by Faculty
 25

 Admission for International Baccalaureate and Advanced Placement Students
 55

 Admission from Outside Alberta
 58

#### University Regulations and Information for Students

 General University Policies
 59

 Classification of Students
 62

 Registration and Fees
 62

 Academic Regulations
 70

 Student Services
 80

 Code of Student Behaviour
 83

 Code of Applicant Behaviour
 84

#### Undergraduate Programs

Faculty of Agricultural, Life and Environmental Sciences 85 Faculty of Arts 104 Augustana Faculty 148 Faculty of Business 168 Faculty of Education 190 Faculty of Engineering 215 Faculty of Extension 241 Faculty of Law 246 Faculty of Medicine and Dentistry 252 Faculty of Native Studies 275 Faculty of Nursing 283 Faculty of Pharmacy and Pharmaceutical Sciences 291 Faculty of Physical Education and Recreation 296 School of Public Health 306 Faculty of Rehabilitation Medicine 308 Faculté Saint Jean 314 Faculty of Science 356

#### Faculty of Graduate Studies and Research 389

General Information 393 Regulations of the Faculty of Graduate Studies and Research 393 Graduate Programs Regulations 401 Graduate Programs 403 Graduate Financial Aid 470 [For Undergraduate Award and Scholarship Information please see Note (4) at right.]

#### Open Studies 471

#### Course Listings 474

Details of Courses 476 Course Listings 477

Glossary 784

Code of Student Behaviour 786

The following sections (241-250) appear only in the online version of the Calendar at www.registrar.ualberta.ca/calendar:

#### General Information

University History and Traditions Constitution of the University University Libraries Alumni Association

# **University Staff**

Continuing Academic Staff Emeriti Associate and Adjunct Academic Staff Honorary Degree Recipients

# **Please Note**

- (1) Students are responsible for the completeness and accuracy of their registrations and for completion of the specified program requirements. This requires careful attention to course selection and compliance with prerequisite and corequisite requirements. Please read the Calendar carefully and use it when you register. If in doubt about the regulations pertaining to your program, consult the appropriate University official.
- (2) All University policies and procedures are intended to comply with the Province of Alberta's Freedom of Information and Protection of Privacy Act (Statutes of Alberta, 1994, Chapter F-18.5 and all amendments thereafter). If you have questions or concerns about issues related to the privacy of your personal information, or your ability to access information, please contact the FOIPP Coordinator, Information and Privacy Office, Ring House I, (780) 492-9419.
- (3) The Calendar is available in electronic form on our website: www.registrar.ualberta.ca/calendar. The University cannot supply more than one print copy of the University Calendar to each student. Additional copies of the print Calendar, are available from the University of Alberta Bookstore, University of Alberta, Edmonton, Alberta, Canada T6G 2M7.
- (4) Information about awards and scholarships for undergraduate students is available on our website at www.registrar.ualberta.ca/ awards or contact the Office of the Registrar and Students Awards, Student Awards Office at 120 Administration Building; phone (780) 492-3221.
- (5) Professional requirements: Students or prospective students intending to enter a profession following graduation should contact the appropriate Faculty office in order to ascertain what requirements there are for professional registration above and beyond possession of the prescribed University degree or diploma. In some cases this information is provided in the Faculty section of this Calendar.
- (6) Application deadlines for all programs are listed in \$12.7 of this Calendar. Other deadlines are set out in the Academic Schedule \$11.1. Students are advised that deadlines are strictly enforced.
- Main University Switchboard telephone number: (780) 492-3111. Main Switchboard hours: 0830-1600 Monday through Friday.
- (8) Contact information is provided on our website: www.registrar.ualberta.ca (at the bottom of each page), if you have any questions.

Index 812

# UNIVERSITY OF ALBERTA

# 10 Inquiries

All addresses should be followed by *University of Alberta, Edmonton, Alberta, T6G 2E2*, except for those related to Augustana Faculty, Faculté Saint-Jean and Enterprise Square (see below). The telephone area code for Edmonton and Camrose is (780).

# **Academic matters**

# Faculty of Agricultural, Life and Environmental Sciences

Student Services, 231 General Services Building (780) 492-4933 Toll Free in Canada 1-800-804-6417 questions@ales.ualberta.ca

# **Faculty of Arts**

Arts Faculty, Undergraduate Student Services, 6-5 Humanities Building (780) 492-4295 Toll Free in Canada 1-888-533-5735 arts.undergrad@ualberta.ca

# Augustana Faculty

Dean, 4901-46 Avenue, Camrose, AB T4V 2R3 (780) 679-1103 R Johnson, Vice-Dean (780) 679-1127 HVS Prest, Associate Dean (Academic Programs) (780) 679-1520 N Haave, Associate Dean (Teaching) (780) 679-1506 R Harde, Associate Dean (Research) (780) 679-1579 CL Person, Supervisor, Student Academic Services (780) 679-1582 Prospective Student Office (780) 679-1132 or Toll Free in Canada and USA 1-800-661-8714

# **Faculty of Business**

MB Percy, Dean, 4-40G Business Building (780) 492-7989 R Greenwood, Associate Dean (Research), 4-40J Business Building (780) 492-2797 T Scott, Vice Dean (Administration), 4-20D Business Building (780) 492-2350 J White, Associate Dean (MBA), 2-30C Business Building (780) 492-3052 EF Geddes, Associate Dean (Undergraduate Programs), 2-20C Business Building (780) 492-5773

D Cooper, Director, PhD Program, 2-24A Business Building (780) 492-5413

# Dentistry

See Faculty of Medicine and Dentistry

# **Faculty of Education**

Undergraduate Student Services Office, (Admissions, Advising and Field Experiences), 1-107 Education North (780) 492-3659

# **Faculty of Engineering**

DT Lynch, Dean, *E6-050 Engineering Teaching and Learning Complex (780) 492-3596* KC Porteous, Associate Dean (Student and Co-op Services), *E6-050 Engineering Teaching and Learning Complex (780) 492-8688* 

# **Faculty of Extension**

K Campbell, Dean, 2-246 Enterprise Square (780) 492-2681 A Cook, Associate Dean Research 2-244 Enterprise Square (780) 492-5001 L Gander, Associate Dean Strategic 2-252 Enterprise Square (780) 492-1621 M Splinter, Assistant Dean 2-242 Enterprise Square (780) 492-3035 Information and Registration Services, Main Floor, Enterprise Square, 10230 Jasper Avenue, Edmonton, AB, T5J 4P6 (780) 492-3116

# Faculty of Law

#### Law Admissions

S Wolgemuth, Director of Student Services, *Room 128C, Law Centre (780) 492-3062* K Wilson, Admissions Coordinator, *Room 128E, Law Centre (780) 492-3067* 

#### Administration

M Hartley, Assistant Dean, Room 483, Law Centre (780) 492-3151

Academic Matters P Bryden, Dean, Room 487, Law Centre (780) 492-5590 JM Law, Vice-Dean Room 489, Law Centre (780) 492-2151 L Reif, Associate Dean (Graduate Studies) Room 425, Law Centre (780) 492-2800 B Billingsley, Associate Dean (Research) Room 437, Law Centre (780) 492-1793

# School of Library and Information Studies

Director, School of Library and Information Studies, 3-20 Rutherford South (780) 492-4578

# Faculty of Medicine and Dentistry

#### **Admission Information**

For MD Program, 1-002 Katz Group Centre for Pharmacy and Health Research (780) 492-6350

For MLS Program, JL McPhee, *B117 Clinical Sciences Building (780)* 492-6601 For Dentistry and Dental Hygiene Programs, *3028 Dentistry/Pharmacy Building (780)* 492-1319

#### Academic Matters

Associate Dean (Undergraduate Medical Education), 1-002 Katz Group Centre for Pharmacy and Health Research (780) 492-6350 Associate Dean (Postgraduate Medical Education), 1-134 Katz Group Centre for Pharmacy

Associate Dean (Postgraduate Medical Education), 1-134 Katz Group Centre for Pharmacy and Health Research (780) 492-9722 Chair (Dentistry), 3036 Dentistry Pharmacy Building (780) 492-3312

# **Faculty of Native Studies**

Academic Advisor, 2-20 Pembina Hall (780) 492-0525 nsadvisor@ualberta.ca

# **Faculty of Nursing**

Third Floor, Clinical Sciences Building [(780) 492-9546 for undergraduate programs; (780) 492-6251 for graduate programs] Toll free in Canada 1-888-492-8089

# Faculty of Pharmacy and Pharmaceutical Sciences

D Brocks, Associate Dean, Undergraduate Student Affairs, *Room 4128, Dentistry-Pharmacy Centre (780) 492-2953* 

Undergraduate Admissions Coordinator, Room 3126B, Dentistry-Pharmacy Centre (780) 492-3363

Graduate Studies Coordinator, Room 3126D Dentistry-Pharmacy Centre (780) 492-2967 Practice Development Director, Room 3127, Dentistry-Pharmacy Centre (780) 492-2393

# Faculty of Physical Education and Recreation

Undergraduate Programs, Room E4-66, Van Vliet Centre (780) 492-5604 Graduate Studies, Room E4-75, Van Vliet Centre (780) 492-3198

# School of Public Health

S Stachenko, Dean, 3-12 University Terrace (780) 492-6882 Education Office, (Graduate Programs), 3-12 University Terrace (780) 492-5918 Centre for Health Promotion Studies, 5-10 University Terrace (780) 492-4039 Department of Public Health Sciences, 3-12 University Terrace (780) 492-6408

# Faculty of Rehabilitation Medicine

M Ferguson-Pell, Dean, 3-48 Corbett Hall (780) 492-5991 L Liu, Chair of Occupational Therapy, 2-64 Corbett Hall (780) 492-5108 RG (Bob) Haennel, Chair of Physical Therapy, 2-50 Corbett Hall (780) 492-2889 K Pollock, Chair of Speech Pathology and Audiology, 2-70 Corbett Hall (780) 492-5980

# Faculté Saint-Jean

M Arnal, Dean, 8406-91 Street, Edmonton, AB T6C 4G9 (780) 465-8705 E Blackburn, Associate Dean (Academic) (780) 465-8769 Admissions and Student Records (780) 465-8703 Toll Free in Canada 1-800-537-2509

# Faculty of Science

Student Services, *Room CW223 Biological Sciences Centre (780) 492-4758 Toll Free in Canada 1-800-358-8314* advisor.science@ualberta.ca

# **Open Studies**

Special Registrations, Administration Building, second floor (780) 492-4601

# Student Resources

Aboriginal Student Services, 2-400 Students' Union Building (780) 492-5677

Admission of students, registration, records, transcripts, convocation Office of the Registrar and Student Awards, Administration Building (780) 492-3113

# UNIVERSITY OF ALBERTA

#### Examinations

Office of the Registrar and Student Awards, Administration Building (780) 492-5221

#### Fee payment

Financial Services, Third floor, Administration Building (780) 492-3000

#### International activities

University of Alberta International, Enterprise Square, 10230 Jasper Avenue, Edmonton, AB T5J 4P6 (780) 492-2958

International Centre, 172 HUB International (780) 492-2692 Education Abroad Office, 8920 HUB International (780) 492-6040

#### Library

Main Floor Cameron Library (780) 492-4174

#### Personal problems

Student Counselling Services, 2-600 Students' Union Building (780) 492-5205

#### Scholarships and awards

Director, Student Awards, Administration Building (780) 492-3221

#### Student affairs

Dean of Students, Office of the Dean of Students, 5-02 Students' Union Building (780) 492-4145

Specialized support and disability services 2-800 Students' Union Building [Voice: (780) 492-3381; TTY (780) 492-7269]

**University residence and other housing** Director, Residence Services, *44 Lister Centre (780) 492-4281* 

#### Augustana Student and Residence Services

Director, Residence Services, F220 Faith and Life Centre, 4901-46 Avenue, Camrose, AB T4V 2R3 (780) 6791163