



PREPROFESSIONAL DENTAL SURGERY

UNIVERSITY OF ALBERTA

FACULTY OF MEDICINE AND DENTISTRY

UPDATED FEBRUARY 2012

This Academic Planning Guide highlights major points only regarding admission and transfer. Students are advised to read the university and RDC calendars, and the Alberta Transfer Guide for other necessary information. Some courses listed may have prerequisites; refer to [Course Descriptions](#). Access this guide online: www.rdc.ab.ca/academic_advising.

PLEASE NOTE THAT:

- Some professional programs have a limited number of seats available according to province of origin;
- Some professional programs do not accept international students;
- Neither completing pre-professional program requirements nor the GPA received on that coursework guarantees acceptance into a professional program;
- Entrance requirements for professional programs vary as per university. It is a student's responsibility to ensure they are taking correct preprofessional coursework for a university other than specified in the title of an Academic Planning Guide;
- The information in this guide is a summary only and students are strongly advised to consult the calendar for the university they wish to attend. This guide is for UofA only.

This program is essentially the first two years of a Bachelor of Science tailored to meet the admission requirements of the Doctor of Dental Surgery (DDS) program at the University of Alberta. The prospective student is advised that enrolment is limited to an *annual quota of 30 students* in the Dental Surgery Program at UofA and applications are selected on a competitive basis. Eighty-five per cent of the seats are reserved for Alberta residents with Canadian Citizen or Permanent Resident status. The Faculty's goal is to make 5% available to international students and 10% to other Canadians. Because residency status determines the competitive pool in which an applicant is ranked, applicants may be required to provide proof of residency status (see [13.2](#) in UofA Calendar).

In addition to the regular quota positions, one additional position per year is available for a qualified student of Aboriginal ancestry (contact the coordinator of the Native Health Care Careers Program, Faculty of Medicine and Dentistry). Two additional positions for qualified applicants from rural Alberta are available (contact the Department of Dentistry Undergraduate Admissions Office).

Take note that admission to this program is *highly* competitive therefore obtaining the minimum requirements will not guarantee admission. *Prospective dental surgery students are strongly encouraged to fulfil the prerequisite courses while pursuing an alternate university degree that is flexible enough to accommodate the prerequisite courses and is suitable to their interests and possible future career.* Students should realize that it is not unusual to earn a 4-year degree before gaining admission to the Faculty.

NOTE:

The Doctor of Dental Medicine Program (D.M.D.) at the University of Saskatchewan has 11 spaces reserved for non-residents of Saskatchewan. Students are responsible for researching course work, admission information and document deadlines for the UofS Dental Medicine program at: <http://www.usask.ca/calendar/dentistry/admission/requirements/>.

PREREQUISITE COURSES FOR ADMISSION TO D.D.S. PROGRAM

REQUIRED COURSES	# OF CREDITS	COURSES TAKEN AT RED DEER COLLEGE
Statistics	3	STAT 251
Biochemistry	3	BIOCH 393 <i>or</i> BIOCH 301
General Chemistry	6	CHEM 211/212
Organic Chemistry	6	CHEM 351/352
Biology	6	BIOL 217/218
Physics	6	PHYS 205/226
English	6	ENGL 219/220
Arts and/or Science Options	<u>24</u> 60	

SUGGESTED PATTERN OF COURSES YEAR 1

FALL	WINTER
ENGL 219 (3)	ENGL 220 (3)
BIOL 217 (3)	BIOL 218 (3)
CHEM 211 (3)	CHEM 212 (3)
Arts or Science Option (3) ¹	CHEM 351 (3)
Arts or Science Option (3) ¹	Arts or Science Option (3) ¹

NOTES:

- Choose Arts and Science options to reflect requirements of your alternate degree program. For UofA Faculty of Science programs, choose from:
ARTS OPTIONS: ANTH, ECON, ENGL, FREN, HIST, PHIL, POLI, PSYC (not 260, 312, 369, 375, 377), SOCI (not 310 or 312), SPAN. Do not take Fine Arts courses (ART, DRAM, MUSE, MUSI, MUSS, MUSP)
SCIENCE OPTIONS: BIOL (not 209), CHEM, GENE, MATH, MICR, PSYC (choose from 260, 369, 375, 377) ZOO. Do not take ASTR 205.

SUGGESTED COURSES YEAR 2

STAT 251 (3)

CHEM 352 (3)

PHYS 205/226 (6)

BIOC 301 *or* BIOC 393 (3)¹

5 ARTS and/or SCIENCE OPTIONS (15)²

NOTES:

- If your preparation BSc program transfers to UofA you may take either BIOC 301 (no lab) *or* BIOC 393 (with lab). If your preparation BSc program will be taken at a university other than UofA or if you are not yet sure to which university you will transfer to continue preparing for admission to DDS, you are strongly advised to take BIOC 393.
- Choose Arts and Science options to reflect requirements of your preparation degree program. See note one in *Suggested Pattern of Courses Year 1* above.

ALL STUDENTS IN THE PRE-DENTAL SURGERY PROGRAM ARE STRONGLY ADVISED TO:

- Consult [Course Descriptions](#) for any course prerequisites,
- Check [Alberta Transfer Guide](#) concerning course credit transfer to UofA,
- Consult the [University of Alberta](#) calendar and appropriate websites, and
- Consult the academic planning guide for your alternate degree program re: important program and transfer admission information.

ADMISSION INFORMATION

1. Grades of 6 or 7 are accepted for: IB Chemistry (higher) as equivalent to CHEM 211; IB Biology (higher) as equivalent to BIOL 217; IB English (higher) will meet the English requirement (see http://www.med.ualberta.ca/education/ume/admissions/dofd_require.cfm).
2. The UofA program leading to the degree of Doctor of Dental Surgery is conducted over four years. The minimum requirement for admission to the DDS Program is the satisfactory completion of *60 (60 credits) of transferable postsecondary work, of which *30 must be taken during one Fall/Winter (September to April inclusive). Admission to the DDS program is highly competitive; therefore obtaining the minimum requirements does not guarantee admission.
3. **Starting Fall 2012, the applicant profile is made up of:**
 - A) **Overall GPA (OGPA):** (50% of overall rank score) is comprised of all transferable postsecondary work completed as a full-time student taken during Fall/Winter or Spring/Summer terms. For overall GPA calculation full-time study is equivalent to a minimum of *18 taken during Fall/Winter terms or *12 taken during Spring/Summer terms. The minimum OGPA is 3.00.
 - B) **Dental Aptitude Tests (DAT) results:** (25% of overall rank score) is the sum of grades in the reading comprehension, perceptual ability and manual dexterity components. The minimum DAT score is 15 out of 30.
 - C) **Interview results:** (25% of overall rank score) The minimum interview score is 19.
An applicant who falls below the minimum in any one of the admission criteria will not be considered for admission.
4. Applicants who have completed four or more years of academic study while registered as a full-time student (as defined above in 3.A), the overall GPA is calculated with the deletion of the lowest Fall/Winter average, provided it is not the most recent year or the one and only year where *30 was completed.
5. Competitive applicants to the Doctor of Dental Surgery program will be interviewed by a team to determine if they possess the personal qualities necessary for the profession. The interview is by invitation only and is designed to evaluate an applicant's degree of maturity and motivation, initiative, ability to communicate, and personal qualities and interests. Eighty to 100 applicants are interviewed each year.
6. For the 2011 intake, 353 applications were received of which 183 qualified for admission consideration. Of the 32 admitted, the overall GPA was 3.64 – 4.0 and the prerequisite GPA was 3.7 – 4.0. See [admission statistics](#).
7. **Application deadline:** November 1st. Applications for admission are accepted between July 1 to November 1 the year prior to the year admission is sought. For example, July 1, 2012 to November 1, 2012 for Fall 2013 admission. The **Interim document deadline** is February 1st; late documents are not accepted and files not completed by that date will not be considered for interview selection and will be closed.
8. Each applicant will be required to take the **Canadian Dental Association Aptitude Test**. DAT information, application forms, and application deadlines are available at <http://www.cda-adc.ca>.

HOW TO FIND MORE INFORMATION

[Science Department](#)

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Office: 1607-E 403-343-4052
warren.elgersma@rdc.ab.ca
http://www.rdc.ab.ca/about_rdc/academic_departments/sciences

[Academic Advising](#)

Academic Advising Centre: Room 1102
advisors@rdc.ab.ca 403-342-3400
http://www.rdc.ab.ca/academic_advising

[RDC Website](#)

<http://www.rdc.ab.ca>

[RDC Timetable](#)

<http://www.rdc.ab.ca/timetable>

[Alberta Transfer Guide](#)

<http://www.acat.gov.ab.ca>

[Department of Dentistry,](#) Faculty of Medicine and Dentistry

admissions@dentistry.ualberta.ca 780-492-1319
<http://www.dent.ualberta.ca/>

[University of Alberta](#)

<http://www.ualberta.ca>

[University of Alberta Calendar](#)

<http://www.registrar.ualberta.ca/calendar/index.html>

PLEASE NOTE:

Be aware that you are responsible for ensuring that your registration is complete and appropriate and that your course choices comply with the program to which you have been admitted at Red Deer College and/or to the university to which you wish to transfer.

You are cautioned that any changes to your courses, your major or your transfer destination may adversely affect your transferable credit or admission requirements for future programs. Consult with an academic advisor if you have questions.

The function of academic advisors is to provide students with information and resources that enable them to make informed decisions relevant to their education. These resources include the Red Deer College Calendar, the Academic Planning Guide for your chosen program and destination university, the Alberta Transfer Guide and the calendar and contact information for your destination university. Academic advisors will assist you in interpreting information from these resources or refer you to your destination university if appropriate. Students in university transfer programs are strongly advised to refer to the calendar of the university to which they wish to transfer and should contact appropriate university departments as required.