



Program Planning Enclosure

Current and past Program Planning Guides are available on the UofL website at www.uleth.ca/ross/ppgs/ppg.html

Calendar Year: 2010/2011

Faculty: Arts & Science (U of L)

Sample Sequencing Plan

Students with an academic objective of Dentistry at the University of Alberta are admitted to the Bachelor of Science program with a major in Agricultural Biotechnology, Biochemistry or Biological Sciences. Based on requirements for the UofL majors, the suggested sequencing for the first year is as follows:

Year 1, Fall	Year 1, Spring
Biology 1010	Biology 1020
Chemistry 1000	Chemistry 2000
English 1900	2000-level English
Mathematics 1560	GLER course
Physics 1000 or 1050	GLER course

Admission to the University of Alberta

To be in a position to apply to the Department of Dentistry at the University of Alberta, students should include the following:

Biochemistry 2000 - Introductory Biochemistry
 Biology 1010 - Cellular Basis of Life
 Biology 1020 - Diversity of Life
 Biology 2000 - Principles of Genetics
 Chemistry 1000 - General Chemistry I
 Chemistry 2000 - General Chemistry II
 Chemistry 2500 - Organic Chemistry I
 Chemistry 2600 - Organic Chemistry II
 English 1900 - Introduction to Language and Literature
 English elective
 Mathematics 1560 - Calculus I
 Physics 1000 - Introduction to Physics I or Physics 1050 - Introduction to Biophysics
 Physics 2000 - Introduction to Physics II
 Statistics 1770 - Introduction to Probability and Statistics

Choice of Major:

Students with an academic objective of Dentistry are admitted to a B.Sc. degree program with a major in Agricultural Biotechnology, Biochemistry or Biological Sciences. The choice of major does not affect a student's eligibility for admission to the Department of Dentistry but does affect registration priority for courses at the UofL. After completion of a year or two, students may elect to change majors and complete another degree program such as a B.Sc. with a major in Chemistry or Neuroscience. Students considering a change of major should consult an Academic Advisor.

Considerations when choosing courses:

Most of the courses required for Dentistry are among requirements for the Agricultural Biotechnology, Biochemistry and Biological Sciences majors. Students should follow the sequencing plan for the UofL major, adjusting course selection as appropriate to include requirements for Dentistry. Students should take note of the following:

1. The Biochemistry major includes Physics 2000 as a degree requirement; students with a major in Agricultural Biotechnology or Biological Sciences must include Physics 2000 as an elective (course outside the major).
2. Because Mathematics 1560 is included in the Biochemistry major, those students will choose Statistics 1770 as an elective. Agricultural Biotechnology and Biological Sciences majors will choose Mathematics 1560 as the required Mathematics course and will choose Statistics 1770 as an elective.
3. Agricultural Biotechnology and Biochemistry majors will choose English 1900 and another English course as electives. Biological Sciences majors will choose English 1900 as a required cognate in the major and an English elective. These courses will fulfill two List I (Fine Arts and Humanities) courses for the General Liberal Education Requirement (GLER).
4. Biochemistry 2300 (Elements of Human Nutrition) is not acceptable for the Biochemistry requirement.

Application Information for the Department of Dentistry:

Approximately 32 students are admitted annually. In addition to the regular quota, additional positions may be available in the D.D.S. program for qualified students of Aboriginal ancestry and/or qualified Rural Alberta students. For information regarding these admission routes, contact the Undergraduate Admissions Office, Department of Dentistry. CGEP courses may not fulfill the prerequisite requirements. Contact the Department of Dentistry for advice if you have Advanced Placement or CGEP courses.

Admission Criteria (2011):

The applicant profiles are made up of:

1. Cumulative grade point average (30% of overall rank score) comprised of all academic study done (university transfer courses) while registered as a full-time student (a minimum of six half-year courses per Fall/Spring academic year).
2. For applicants who have completed 4 or more years of academic study while registered as a full time student, the cumulative GPA is calculated with the deletion of the lowest Fall/Spring academic year average, provided it is not the most recent year or the one and only year where 10 courses (30.0 credit hours) have been completed.
3. Prerequisite course average (30% of overall rank score) comprised of the highest average achieved in each subject area of the prerequisite courses completed.
4. Dental Aptitude Test results (30% of overall rank score) is the sum of grades in the reading comprehension, perceptual ability and manual dexterity components. This test, administered by the Canadian Dental Association, measures an applicant's academic ability, comprehension of scientific information, perceptual ability and manual dexterity. The DAT is held twice annually (February and November) in Calgary and Edmonton. The test fee is approximately \$230. Preparation kits are available from the Canadian Dental Association. If the DAT is taken more than once, the best set of scores will be used. The DAT must have been written in the last five years and no later than the Fall before the anticipated year of admission. The results must be forwarded directly to the Department of Dentistry by January 15.
5. Interview results (10% of overall rank score). The interview (by a committee) is designed to evaluate an applicant's maturity, motivation, initiative, communication skills, and personal qualities and interests. Interviews are generally held in March at the University of Alberta. A personal interview is required of all competitive applicants annually.

Application Procedure:

Application to the Department of Dentistry must be made by November 1 of the year prior to that for which admission is sought. No late applications will be accepted. Only electronic applications will be accepted. Two official transcripts, indicating grades to date and Fall registration, must be submitted by November 15. Official transcripts (two copies) showing completed work up to and including first term of the current year must be submitted by February 1. Applications that are incomplete after February 1 cannot be evaluated for interview selection. Official final transcripts (two copies) must be submitted by June 15. Official transcripts must be sent directly from the issuing institution to the Office of the Registrar at the University of Alberta. All documentation must be received by June 15. Incomplete files will not be considered. Applicants will be notified in writing May-July.

The Department of Dentistry stresses that successful candidates to the program have the following:

- Above average academic capability;
- Good interpersonal skills;
- An understanding of the profession of Dentistry; and,
- Demonstrable manual dexterity and perceptual ability.

General Information:

If a student repeats a course for which a passing grade has already been awarded, the second attempt is ignored. A grade of 'D' is considered a failure by the Department of Dentistry. Students are advised to check with the University of Alberta before repeating any course.

Students interested in Dentistry at the University of Alberta are urged to consult with Student Program Services (SU060; tel. 403-329-5106; email: artsci.advising@uleth.ca) for further information. Direct consultation with the Department of Dentistry is also recommended.

Faculty of Medicine and Dentistry
 3028 Dentistry/Pharmacy Centre
 University of Alberta
 Edmonton, Alberta
 T6G 2N8
 Tel. 780-492-1319
 Website: www.dent.ualberta.ca

