

**Pre-Dentistry  
University of Minnesota, Twin Cities  
Planning Sheet, 2013-2014**

NAME \_\_\_\_\_ ADVISER \_\_\_\_\_

ID# \_\_\_\_\_ MAJOR \_\_\_\_\_ DATE \_\_\_\_\_

Requirement	University of MN courses that fulfill requirement			
	Semester course	Course completed	Credit total	Grade
English Requirement $\Delta$ 8 semester credits	Writ 1301 or equivalent			
	Second composition course or any WI course in literature, humanities			
Mathematics Requirement $\Delta$ 1 course, 3 semester credits College-level math, computer science, or statistics (upper level preferred)	Suggested: Math 1031, Math 1051, Math 1142, Math 1271 or Stat 3011			
Chemistry Requirement $\Delta$ General chemistry: 8 semester credits ( 2 semesters inorganic) Organic chemistry: 8 semester credits ( 2 semesters organic with lab)	Chem 1061 & 1065			
	Chem 1062 & 1066			
	Chem 2301			
	Chem 2302 and 2311			
Biology Requirement $\Delta$ * 2 courses with labs: 8 semester credits	Biol 1009			
	BIOL 2012 or BIOL 3211 and 2005 - recommended (other courses are acceptable)			
Biochemistry $\Delta$ 3 semester credits	Biol/BioC 3021 or BioC 4001 or BioC 4331			
Physics 2 semesters with labs 8 semester credits (select one series)	Phys 1101W, 1201W or 1301W			
	Phys 1102W, 1202W or 1302W			
Psychology 3 semester credits general, child or business psychology	Psy 1001			
Elective credits to complete 87 semester credit or 130 quarter credit minimum for admission				

$\Delta$  Recommended courses to take prior to taking the Dental Admissions Test (DAT).

\* Biol 1001 and 1002W is also an acceptable sequence. However, Biol 1002W is no longer offered. Students considering the Biol 2002–2003 sequence should consult their college advisers; this sequence is intended primarily, but not exclusively, for College of Biological Sciences students. Most CLA students should take Biol 1009.

UNDERGRADUATE MAJOR

Most students choose to work toward a baccalaureate degree while completing pre-dental requirements. Students who plan to complete a baccalaureate degree before entering dental school must complete requirements for their chosen majors in addition to fulfilling the following pre-dental requirements. The School of Dentistry has no preference for specific majors, so students may pick their majors according to their own interests. University policy requires that all students must have declared a major by the time they have 60 semester credits.

## GRADING INFORMATION

A–F/S–N grading requirements: All required courses listed on this program planning sheet should be taken A–F, including all English/Writing Intensive courses. In general, the School of Dentistry does not look favorably on S–N grading, so it should be used sparingly. If, however, a student takes a required course S–N before deciding on dentistry, the student should obtain from the instructor a statement indicating what the A–F grade would have been. The School of Dentistry will then make an individual judgment.

- D grades are not acceptable in prerequisite courses or related courses.
- Science coursework older than five years should be repeated.
- Competitive applicants should carry 16–18 credits per semester, including at least two science courses with labs per term.
- Grades in courses that are repeated are averaged. The admissions committee does look at the trends in grades.

## SUGGESTED ELECTIVES FOR PRE-DENTAL STUDENTS

1. Anatomy (Anat 3601 and 3602 (lab): F or Anat 3001: S)
2. Cell Biology (Biol 4004: F,S)
3. Histology (GCB 4111: S)
4. Microbiology (Biol 3301: F,S preferred or (VBS/Biol/MicB 2032: F,S)
5. Physiology (Phsl 3051: F,S) if not used to meet the biology requirement described on page 1
6. Biochemistry Lab (BioC 4025: F,S)
7. Genetics (Biol 4003: F,S)
8. Immunology (MicB 4131: F,S)
9. Medical Terminology (PHAR 1002, F,S)
10. Studio Art Courses (drawing, ceramics, sculpture, etc.)

Courses one through five are most strongly recommended, however all competitive applicants will have a good combination of these courses. Biochemistry (Biol/BioC 3021) is a prerequisite for many of these courses. Watch for other prerequisites as well.

Elective courses should be selected to achieve as broad and liberal an education as possible. However, competitive students will take some combination of the following courses: art, cell biology, histology, human anatomy, microbiology, and physiology.

These electives are especially important for persons who have completed only the minimum credits required (87 semester/130 quarter) to enter dental school. Additional electives can be chosen from among the following subjects: accounting, analytical chemistry, anthropology, business (practical courses), classics, comparative anatomy, economics, etymology, genetics, history, humanities, immunology, higher mathematics, logic, microscopic anatomy, political science, sociology, and a foreign language.

## ADMISSION REQUIREMENTS

- Three years of college (minimum 87 semester/130 quarter credits) are required for dental school admission.
- Admission is very competitive. In recent years successful applicants have an average GPA of 3.6 with a range GPA of 3.0–4.0.
- Review of applications is a holistic process. Other factors that are considered include volunteerism, leadership, service, employment, extracurricular activities, manual dexterity, orientation to dentistry through observation and participation, and a demonstrated interest in the University of Minnesota Dental School.
- All required courses must be completed before entry into the professional program.
- Applicants must first complete the AADSAS application. The school recommends that students apply by early September. All materials are due by December 1.
- Three letters of recommendation are required to be submitted with the AADSAS application.
- Official Dental Admissions Test (DAT) scores must be submitted to the School of Dentistry, Office of Admissions and Diversity no later than December 1 the year prior to admission (date is subject to change).
- Test of English as a Foreign Language (TOEFL is required for all applicants who are non-native speakers of English). Students may call on an individual basis to discuss a waiver.
- For questions, please contact the Office of Admissions and Diversity at 612-625-7477 or [ddsapply@umn.edu](mailto:ddsapply@umn.edu).

## ADDITIONAL WEB RESOURCES

Pre-Dental Student Club <http://www.tc.umn.edu/~predent>  
American Dental Education Association (links to Dental Schools in the U.S.A. and Canada) [www.adea.org](http://www.adea.org)  
American Dental Association [www.ada.org](http://www.ada.org)  
University of Minnesota School of Dentistry [www.dentistry.umn.edu](http://www.dentistry.umn.edu)  
Dental Admissions Test <http://www.ada.org/dat.aspx>  
TOEFL – Test of English as a Second Language [www.toefl.org/](http://www.toefl.org/)  
Financial Planning for Dental School <http://www.ada.org/105.aspx>  
Dental Student Scholarships <http://www.ada.org/2904.aspx>