

## PRE-DENTISTRY PROGRAM

“Pre-dentistry” is not a major; it is a set of courses that are required for admission to dental school. Dental school applicants are not required to complete a baccalaureate degree. They are required to complete a minimum of 87 college credits, including specific prerequisite courses, in order to be eligible for admission to most dental schools. Even though a degree is not required, the American Dental Education Association reports that 90% of successful dental school candidates have baccalaureate degrees. Students who decide to pursue a degree as part of their dental school preparation will select a major and incorporate the pre-dentistry requirements into their degree requirements.

For more information about preparing for dental school, consult the American Dental Education Association website at < <http://www.adea.org/> >, or the website for the dental school to which you are considering applying.

FIRST YEAR			
FALL SEMESTER		SPRING SEMESTER	
Chem 1151 General Chemistry I	5 cr	Chem 1152 General Chemistry II	5 cr
Biol 1011 General Biology I	5 cr	Biol 1012 General Biology II	5 cr
WRIT 1120 College Writing	3 cr	Math 1250 Precalculus I <sup>^</sup>	<u>4 cr</u>
Art course <sup>1</sup>	<u>3 cr</u>		Total: 14 cr
	Total: 16 cr		
SECOND YEAR			
Chem 2541 Organic Chemistry I	3 cr	Chem 2542 Organic Chemistry II	3 cr
Chem 2543 Organic Chemistry I Lab	1 cr	CHEM 2544 Organic Chemistry II Lab	1 cr
Phys 1001 Introduction to Physics <sup>2</sup>	5 cr	Phys 1002 Introduction to Physics <sup>2</sup>	5 cr
Psychology course <sup>3</sup>	4 cr	Biol 2101 Cell Biology <sup>1</sup>	3 cr
Liberal education course <sup>1</sup>	<u>3 cr</u>	Liberal education course <sup>1</sup>	<u>3 cr</u>
	Total: 16 cr		Total: 15 cr
APPLICATION: Students not planning to complete a baccalaureate degree may begin the dental school application process during the spring of their second year.			
DAT: Students not completing a degree may also take the DAT in the spring or summer of their second year of college.			
THIRD YEAR			
WRIT 3XXX Advanced Writing	3 cr	Chem 3322 Biochemistry	3 cr
Biol 4501 Microbiology <sup>1</sup>	3 cr	Phsl 3011 Physiology <sup>1</sup>	4 cr
Biol 1761 Human Anatomy <sup>1</sup>	4 cr	Recommended electives <sup>1</sup>	<u>7-9cr</u>
Recommended electives <sup>1</sup>	<u>3 cr</u>		Total: 15 cr
	Total: 15 cr		

<sup>^</sup>First math course is determined by math placement exam. This schedule presupposes placement into Math 1250. Students may also take a statistics or computer science to fulfill this requirement.

<sup>1</sup> The University of Minnesota School of Dentistry indicates the following: elective courses should be selected to achieve as broad and liberal an education as possible. Competitive students take some combination of the following courses: art, cell biology, histology, human anatomy, microbiology, and physiology. These electives are especially important for applicants who have completed only the minimum 87 credits required to enter dental school. Additional electives can be chosen from among the following: accounting, analytical chemistry, anthropology, business (practical courses), classics, speech communication, comparative anatomy, economics, etymology, genetics, higher math, history, humanities, immunology, logic, medical terminology, microscopic anatomy, political science, sociology, and languages.

<sup>2</sup> Students may instead take Phys 2011 and 2012, which require the completion of Math 1296 and 1297, Calculus I and II.

<sup>3</sup> PSY 1003 General Psychology or PSY 2021 Developmental Psychology are recommended psychology courses.

For additional information:

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