

Advising Course Plan - Health Sciences Major - Dental School Interest

Those interested in pursuing a career as a Dentist (thus earning a Doctor of Medicine in Dentistry, DMD) should plan on completing a common core of prerequisite course work (*), obtaining patient contact hours or experience in dentistry, and taking the DAT standardized exam (some schools have minimum score requirements, for example a 15 in each section). Some requirements may differ from the ones listed below depending on the DMD program in which you may be interested, so please make sure to look at various graduate program requirements for different universities. You will want to begin looking at universities' requirements during your 1st year as an undergraduate to better prepare you for graduate programs. Of course, you will need to make sure you satisfy all the Health Sciences (HLSC) major requirements listed in the course catalog (the plan below should allow you to do this).

There is a centralized application process through the American Dental Education Association called the Associated American Dental Schools Application Service (ADEA AADSAS):

http://www.adea.org/dental_education_pathways/aadsas/Applicants/Pages/default.aspx

Generally, at least a 3.0 GPA is commonly expected among dental programs.

First Year		
Fall		
BIOL 141P ^{1,*}	Introductory Biology: Biochemistry, Cell Biology and Molecular Genetics	1
HLSC 119V	Health and Wellness	1
FSEM 100 ¹	First Year Seminar	1
Writing or General Education requirement (A, B, H, L course) ¹		1
Term Units		4
Spring		
BIOL 142P ^{1,*}	Introductory Biology: Animal and Plant Physiology	1
PSYC 101S ^{1,*}	Introduction to Psychology	1
MATH 141Q ^{1,*}	Calculus I with Analytic Geometry	1
General Education requirement (A, B, H, L course) ¹		1
Term Units		4
Summer		
Plan on setting up opportunities for patient contact hours.		
Term Units		0
Second Year		
Fall		
HLSC 201 ^{1,*}	Anatomy Physiology I	1
CHEM 141P [*]	General Chemistry I	1
BIOL 301 ^{1,*}	Microbiology	1
General Education requirement (A, B, H, L course)		1
Term Units		4
Spring		
HLSC 202 ¹	Anatomy and Physiology II	1
CHEM 142P [*]	General Chemistry II	1
BIOL 302 or 300 ¹	Genetics Molecular Biology and Biotechnology	1

General Education requirement (A, B, H, L course) ¹		1
Term Units		4
Summer		
Take the DAT in preparation for DMD program applications - by the end of summer before Fourth Year.		
Term Units		0
Third Year		
Fall		
CHEM 201 [*]	Organic Chemistry I	1
PHYS 121P or 141P [*]	College Physics I University Physics I	1
Junior Seminar		1
Elective		1
Term Units		4
Spring		
HLSC 498 ¹	Senior Research Proposal	1
PHYS 122P or 142P [*]	College Physics II University Physics II	1
CHEM 301 [*]	Organic Chemistry II	1
MATH 125Q	Introduction to Mathematical and Statistical Modeling	1
Term Units		4
Fourth Year		
Fall		
HLSC 499 ¹	Senior Research Project	1
HLSC 411 ¹	Exercise Physiology	1
CHEM 204 [*]	Biochemistry I	1
PHIL 316V	Bio-Medical Ethics	1
Term Units		4
Spring		
HLSC elective (HLSC 200W recommended) ¹		1
Additional 200+ level CHEM course to satisfy Chemistry minor requirement		1
General Education requirement (A, B, H, L course) or Elective		1
General Education requirement (A, B, H, L course) or Elective		1
Term Units		4
Total Unit: 32		

¹ Required for HLSC major.

* Common core of prerequisite course work.