

Preparing for Dental School: Coursework

MAPPING YOUR COURSEWORK AND PREPARATION

We recommend that you first go to your college's advisement center for an outline of classes required for your major. The Preprofessional Advisement Center will then be able to assist you in planning out specific prerequisite courses and other pre-dental preparation.

COURSES REQUIRED FOR DENTAL SCHOOLS & RECOMMENDED FOR DAT PREPARATION

Below is a list of BYU coursework that, generally, fulfills prerequisites for most dental schools. This is **NOT** a comprehensive list, **we strongly encourage you to utilize our office services to help you, consult the AADSAS guide, and the individual schools' websites you plan on applying to for specific requirements.**

GENERAL CHEMISTRY

CHEM 105: General College Chemistry I	4.0 hrs
CHEM 106 & 107: General College Chemistry II & Lab (CHEM 111, 112, & 113, if required by your major)	3.0, 1.0 hrs
CHEM 351: Organic Chemistry	3.0 hrs
CHEM 352 & 353: Organic Chemistry II & Lab (CHEM 354, if required by your major)	3.0, 2.0 hrs
CHEM 481: Biochemistry	3.0 hrs

BIOLOGY

CELL 120: Science of Biology	3.0 hrs
or	
MMBIO 121 & 122: General Biology (take MMBIO 122 if need lab credit) (BIO 130, if required by your major)	3.0, 1.0 hrs
MMBIO 221 & 222: General Microbiology & Lab	3.0, 1.0 hrs
CELL 305: Physiology (pre-req is CELL 220) CELL 362,363, if required by your major or need a physiology lab credit)	4.0 hrs
MMBIO 240: Molecular Biology & Lab	3.0, 1.0 hrs
and/or	
PWS 340: Genetics (Pre-req is MMBio 240 or Chem 481)	3.0 hrs

COURSES REQUIRED BEFORE DENTAL SCHOOL MATRICULATION

PHYSICS

PHSCS 105 & 107: General Physics I & Lab	3.0, 1.0 hrs
PHSCS 106 & 108: General Physics II & Lab (PHSCS 121, 123, if required by your major)	3.0, 1.0 hrs

COURSES REQUIRED BEFORE DENTAL SCHOOL MATRICULATION

English (at least two classes, usually fulfilled by your major and GE requirements)

Math (requirements vary, consult the schools you are planning on applying to and/or the ADEA guide)

Humanities/Social Sciences (requirements vary)

PRE-DENTAL CLASSES

STDEV 170: Intro to Health Professions	1.0 hr
Seminar style overview of health careers with a variety of guest lectures (medical doctor, dentist, physician assistant, pharmacist, physical therapist, etc.)	
STDEV 271: Preview of Dentistry	1.0 hr
Seminar style overview of the dental profession with lectures from prehealth advisors, local dental professionals, and dental school admissions officers.	
STDEV 399R: Health Professions Internship	1.0-3.0 hr
Students are invited to set up shadowing experiences with different physicians or patient exposure experiences and receive course credit for the experience.	
STDEV 470: Health Professions Application	2.0 hr
Emphasis on the premedical and pre-dental application, class provides an overview of the application process.	

OTHER PREHEALTH CLASSES

BIO 370: Bioethics	2.0 hr
Discussion of major ethical theories and their application to current issues in medicine and biology.	