

Preparing for Dental School: Coursework

Below is a list of BYU coursework that, generally, fulfills prerequisites for many dental schools. This is not a comprehensive list.

Plan to attend Pre-Health 101 and Pre-Health 201 workshops to determine how to navigate the prerequisite complexity.

COURSES RECOMMENDED FOR DAT PREPARATION & DENTAL SCHOOL

CHEMISTRY

CHEM 105: General College Chemistry I (includes lab)	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 I	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

Some programs want General Biology I & General Biology II (w/labs), BYU's equivalent is one of the following options:	
General Biology I options:	
CELL 120: Science of Biology (may need MMBIO 122)	3.0, 1.0 hrs
or	
MMBIO 121: General Biology: Health & Disease (may need MMBIO 122)	3.0, 1.0 hrs
or	
BIO 130: Biology (includes lab)	4.0 hrs
General Biology II option:	
MMBIO 240: Molecular Biology (may need MMBIO 241)	3.0, 1.0 hrs
MMBIO 221: General Microbiology (may need MMBIO 222) (MMBIO 151, if required by your major)	3.0, 1.0 hrs
CELL 220: Human Anatomy (includes lab)	4.0 hrs
CELL 305: Human Physiology (may need CELL 363)	4.0, 1.0 hrs
or	
CELL 362: Advanced Physiology (may need CELL 363)	3.0, 1.0 hrs
PWS 340: Genetics	3.0 hrs
or	
PWS 275: Genetics and Reproduction	3.0 hrs

OTHER SCIENCE 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
*For students taking PHSCS 121 and 123, we recommend also taking PHSCS 220	

COURSES REQUIRED BEFORE DENTAL SCHOOL MATRICULATION

English: Typically at least two classes, review your individual school's requirements.

Math: Requirements vary, review your individual school's requirements.

HELPFUL PRE-DENTAL CLASSES

STDEV 170: Intro to Health Professions	1.0 hrs
Overview of health professions: medical, dental, and other specialties. Primary focus on guest lectures from various practitioners and clinicians.	
STDEV 271: Preview of Dentistry	1.0 hrs
Preview of dentistry with lectures by dentists; overview of required courses; application process; recommended extracurricular opportunities.	
STDEV 470: Health Professions Application	2.0 hrs
Preparation for health professional school applications including medicine, dentistry, physical therapy, physician assistant, etc.; entire application process, including school identification and submission.	
NURS 505: IPE for Health Professions	1.0 hrs
The acquisition of knowledge of interprofessional education (IPE) and teamwork in the health professions. IPE will be explored from the perspectives of roles and responsibilities for collaborative practice.	
BIO 370: Bioethics	2.0 hrs
In-depth lecture and small group discussion of varied bioethical issues.	
PHIL 212R: Introduction to Medical Ethics	3.0 hrs
Exploration of key questions in medical ethics. Equips students to understand, evaluate, and effectively respond to arguments that seek to answer these questions as they formulate their own conclusions.	