

## Pre-Dental Planning Guide

Prerequisite courses vary from school to school. It's very important that you check the websites of schools you know you want to apply to in order to make sure you're taking the courses they require. The courses in this table are a summary of the most common requirements.

Prerequisite Courses	Options at UW–Madison	Required by programs?	DAT
Math	Math 112 (Algebra)	Some programs require one semester	Helpful
General Chemistry	Two options: (choose one) • Chemistry 103 (lecture + lab) and Chemistry (lecture + lab) • Chemistry 109 (lecture + lab)	Yes	Yes
Biology	Three options: (choose one) • Zoology 101 (lecture), Zoology 102 (lab), and an additional bioscience with lab • Biology 151 (lecture + lab) and Biology 152 (lecture + lab) • Biocore (4 semesters of lecture + lab)	Yes	Yes
Organic Chemistry	One option: • Chemistry 343 (lecture), Chemistry 345 (lecture), Chemistry 344 (lab)	Yes	Yes
Biochemistry	Two options: (choose one) • Biochemistry 501 (lecture) • Biochemistry 507-508 (lectures)	Yes	Helpful
Physics	Four options: (choose one) • Physics 103-104 (lecture + lab) (not based on calculus) • Physics 207-208 (lecture + lab) (based on calculus) • Physics 201-202 (lecture + lab) (for engineering students) • EMA 201 and Physics 202 (lecture + lab) (for BME students)	Yes	No
Microbiology	Two options: (choose one) • Microbiology 101 (lecture) and Microbiology 102 (lab) • Microbiology 303 (lecture) and Microbiology 304 (lab)	Some	Helpful
Anatomy	Two courses that may be required: • Anatomy 328 (lecture) • Anatomy 329 (lab)	Some	Helpful
Statistics	Four options: (choose one) • Statistics 371 (lecture) • Statistics 301 (lecture) • Biostatistics 541 (lecture) • Statistics in your major (e.g., Psychology 210)	Some	Helpful
Physiology	Two options: (choose one) • Physiology 335 (lecture + lab) • Physiology 435 (lecture + lab)	Some	Helpful
Psychology	Psychology 202 or Psychology 281 (Honors)	Some	No
English	Many options on campus (look in the English department)	Some programs require 6 credits	No

3-D Art may be helpful for the Perceptual Ability Test (PAT) portion of the DAT but is not required by dental schools.

### Resources

Tutoring resources available on UW campus

- Greater University Tutoring Services (GUTS) <http://guts.wisc.edu>
- Peer Learning Association (PLA) <https://win.wisc.edu/organization/pla>
- Chemistry Learning Center (CLC) <https://www.chem.wisc.edu/areas/clc>
- Physics Learning Center (PLC) <https://www.physics.wisc.edu/plc>
- Math Lab <https://www.math.wisc.edu/undergraduate/mathlab>
- Statistics Lab [https://www.stat.wisc.edu/courses/Tutorial\\_Schedule](https://www.stat.wisc.edu/courses/Tutorial_Schedule)
- Writing Center <http://www.writing.wisc.edu>

Professional organizations

- American Dental Association <http://www.ada.org/en>
- American Dental Education Association <http://www.adea.org>