

# Pre-Dental Student

## *Course Reference*

### Required Pre-Dental Course Work

All prerequisite courses must be taken for a grade (not Pass/No Pass). The courses required for admission to most dental schools are listed below. **Consult the web sites or catalogs of the schools to which you plan to apply to determine each school's specific requirements.**

### *Biology*

Course Description		Hours	Semester
BIO 207/277	Introduction to Molecular and Cellular Biology	4 (w/lab)	
BIO 208/278	Introduction to Evolution and Ecology	4 (w/lab)	
BIO 305/365	Anatomy & Physiology I	4 (w/lab)	
BIO 306/366	Anatomy & Physiology II	4 (w/lab)	

Additional Recommended Courses*:			
Course Description		Hours	Semester
BIO 330	Genetics	3	
BIO 354	Cell & Molecular Biology	3	
BIO 301	Microbiology	3	
BIO 342	Neurobiology	3	

**Note:** OHSU requires Human Anatomy and Human Physiology (with labs) in addition to Gen. Bio

\*Recommended courses are based on local program recommendations and the MSAR

### *Chemistry*

Course Description		Hours	Semester
CHM 207/277	General Chemistry I and Lab	4 (w/ lab)	
CHM 208/278	General Chemistry II and Lab	4 (w/ lab)	
CHM 325/375	Organic Chemistry I and Lab	4 (w/ lab)	
CHM 326/376	Organic Chemistry II and Lab	4 (w/ lab)	
CHM 453	Biochemistry I*	3	
CHM 454	Biochemistry II*	3	

**Note:** OHSU requires Biochem (with lab highly recommend)

**Note:** Pre-dental students should begin this course sequence their freshman year in order to be prepared to take the DAT summer of their junior year.

### *Physics*

Course Description		Hours	Semester
PHY 201/271	General Physics and Lab (Fall Semester)	4 (w/ lab)	
PHY 202/272	General Physics and Lab (Spring Semester)	4 (w/ lab)	
<b>OR</b>			
PHY 204/274	General Physics and Lab	4 (w/ labs)	
PHY 205/275	General Physics and Lab	4 (w/ labs)	

### **Mathematics**

Course Description		Hours	Semester
MTH 201	Calculus I	4	
MTH 161	Elementary Statistics	3	

**Note:** Some dental schools list Math as a requirement for admission. Quantitative reasoning is included on the Dental Admission Test.

### **English**

Course Description		Hours	Semester
ENG 112	Introduction to Literature	3	
ENG 107 or 311	College Writing or Advanced Writing	3	

**Note:** Some dental schools require one year English, including at least one course in composition.

### **Social Sciences and Humanities**

Many dental schools strongly encourage students to take extra courses in Speech, Social Sciences, Humanities, and Business. Again, consult the web sites or catalogs of the schools to which you plan to apply to determine each school's specific requirements.

### **Additional Information**

Profiles of individual dental schools can be found in *the ADEA Official Guide to Dental School* published annually by the American Dental Education Association. In addition, ASDAA & ADEA both have numerous internet resources available on their websites, including information regarding the Dental Admissions Test (DAT). Information & a copy of the ADEA official guide may also be found at the Pre-Health Professions Office.

In selecting schools to which to apply, pay particular attention to non-resident acceptance rates, total number of applicants, average GPA/DAT of admitted applicants, additional pre-dental requirements, special programs or curricula, tuition cost, and location.

**Pre-Health Professions Advising Office**  
**Email: [healthprofessions@up.edu](mailto:healthprofessions@up.edu)**

