



SAN DIEGO STATE  
UNIVERSITY

## Health Professions Advising Office Dental School Academic Preparation

These courses meet the requirements for most dental schools and for preparation for the DAT. Dental schools generally do not accept AP credit or on-line courses for these *required* courses. **Be sure to check each dental school's requirements.**

No dental school requires a science major, nor are science majors given extra consideration in the admission process. Becoming a competitive dental school applicant requires more than a solid GPA and DAT score. **Be sure you are meeting regularly with your HPAO advisor.**

### One year General Chemistry with Labs

#### **CHEM 200 General Chemistry**

Prerequisites: Knowledge of introductory chemistry as demonstrated by completion of CHEM 100 with a grade of C or better, or satisfaction of the Entry-Level Mathematics requirement and qualification on the Chemistry Department Placement Examination.

#### **CHEM 201 General Chemistry**

Prerequisite: CHEM 200 or 202 with grade of C or better

### One year of Organic Chemistry with Labs

#### **CHEM 232/232L Organic Chemistry**

Prerequisite: CHEM 201 with grade of C or better and credit or concurrent enrollment in CHEM 232L

#### **CHEM 432/432L Organic Chemistry**

Prerequisite: CHEM 232 with a grade of C or better and credit or concurrent enrollment in CHEM 432L

### One year of Biology with Labs

#### **BIOL 203/203L Principles of Cell & Molecular Biology**

Prerequisite: CHEM 200 and satisfaction of the English placement test requirement

#### **BIOL 204/204L Principles of Organismal Biology**

Prerequisite: Satisfaction of the English placement test requirement. Recommended completion of BIOL 203/203L

### One year of Physics with Labs

#### **PHYS 180A/182A Fundamentals of Physics I/Lab**

Prerequisite: Satisfaction of the Entry-level Mathematics requirement. Recommended concurrent registration in PHYS 182A

#### **PHYS 180B/182B Fundamentals of Physics II/Lab**

Prerequisite: Satisfaction of the Entry-level Mathematics requirement, PHYS 180A. Recommended concurrent registration in PHYS 182B

OR

#### **PHYS 195/195L Principles of Physics/Lab**

Prerequisites: High school physics or PHYS 180A. MATH with a minimum grade of C

#### **PHYS 196/196L Principles of Physics/Lab**

Prerequisites: PHYS 195. MATH 151

### One year of English

#### **RWS 100 College Composition**

Prerequisite: Satisfaction of the SDSU writing competency requirement

#### **RWS 200 Intermediate Composition**

Prerequisite: Satisfaction of the SDSU writing competency requirement, RWS 100

**Courses required by some schools (Be sure to check pre-requisites.)**

PSY 101 Introductory Psychology  
BIOL 212 Human Anatomy  
BIOL 336 Principles of Human Physiology  
CHEM 365 Biochemistry, Cell & Molecular Biology

**Other courses of interest**

BIOL 215 Biostatistics  
BIOL 249 Careers in Health Professions  
BIOL 340A Preventive Dentistry  
BIOL 350 General Microbiology  
BIOL 352 Genetics and Evolution  
BIOL 474 Histology  
BIOL 485 Principles of Immunology  
BIOL 497 Research  
BIOL 585 Cell and Molecular Biology  
BIOL 554 Molecular Virology  
BIOL 576 Developmental Biology  
BIOL 590 Physiology of Systems  
BIOL 436 Physiology Lab  
PH 362 International Health

**Additional Resources**

[www.adea.org/GoDental](http://www.adea.org/GoDental)  
[www.ada.org/en/education-careers/dental-admission-test](http://www.ada.org/en/education-careers/dental-admission-test)  
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