

## 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.

### 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

**Recommended Courses**

BIOL 215    Biostatistics  
BIOL 249    Careers in Health Professions  
BIOL 250A    Topics in Medicine  
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  
PHIL 330    Medical Ethics  
PH 305    Medical Care Organization and Delivery  
PH 362    International Health  
PSY 456    Psychology of Death and Bereavement