



SAN DIEGO STATE
UNIVERSITY

Health Professions Advising Office Dental School Academic Preparation

These courses meet the requirements for **most** dental schools and 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 also 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: Credit or concurrent registration in Chem 200/202 and satisfaction of the SDSU Written Communication Assessment requirement.

BIOL 204/204L Principles of Organismal Biology

Prerequisite: Satisfaction of the Written Communication Assessment 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 150 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 and RWS 100 or equivalent

**Other composition courses may also meet this requirement. Check with HPAO.*

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

PSY 101 Introductory Psychology

BIOL 212 Human Anatomy

Prerequisite: Grade of C or better in Biology 100, 203, or 211.

BIOL 336 Principles of Human Physiology

Prerequisite: Completion of the General Education requirement in Foundations of Learning II.A.2. Life Sciences. If a biological sciences course is not taken to satisfy General Education II.A.2. Life Sciences, a college course in biological sciences is required.

BIOL 350 General Microbiology

Prerequisites: Biology 203, 203L, 204, 204L; Chemistry 232, 232L

OR

BIOL 211 and 211L Fundamentals of Microbiology

Prerequisites: Biology 100 or 203 and 203L; or a grade of B or better in high school biology. Credit or concurrent registration in Chemistry 100 or 102 or 130.

CHEM 365 Biochemistry, Cell & Molecular Biology

Prerequisites: BIOL 203, 203L and CHEM 232, 232L

These courses are not required but may be of interest:

BIOL 215 Biostatistics

BIOL 249 Careers in Health Professions

BIOL 340A Preventive Dentistry

BIOL 352 Genetics and Evolution

BIOL 474 Histology

BIOL 485 Principles of Immunology

BIOL 585 Cell and Molecular Immunology

BIOL 554 Molecular Virology

BIOL 576 Developmental Biology

BIOL 590 Physiology of Systems

BIOL 436 Physiology Lab

PH 362 International Health



GMCS 323

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