

Health Professions Advising Office Pharmacy School Academic Preparation

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

No pharmacy school requires a science major, nor are science majors given extra consideration in the admission process. Becoming a competitive pharmacy school applicant requires more than a solid GPA and PCAT 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

Mathematics (some schools may require a full year)

MATH 124 *Calculus for Life Sciences*

Prerequisite: Satisfaction of the Entry-level requirement

OR

MATH 150 *Calculus I*

Prerequisite: Knowledge of algebra, geometry, and trigonometry as demonstrated by either (1) satisfactory completions of MATH 141 with a grade of C (2.0) or above; or (2) satisfaction of the Entry-Level Mathematics requirement and qualification on the Mathematics Departmental Precalculus Proficiency Examination. Proof of completion of prerequisites required

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
COMM 103	Oral Communication
ECON 101	Principles of Economics
BIOL 212	Human Anatomy
BIOL 336	Principles of Human Physiology
CHEM 365	Biochemistry, Cell & Molecular Biology