Pharmacy
Pre-Professional Advising
(907) 474-6396

Pharmacists play a vital health care role. Pharmacists are drug experts whose responsibilities include a range of care for patients, from dispensing medications to maximizing patients' response to drugs.

Most schools with pharmacy programs offer a doctoral degree. The degree requires six years to complete, the first two of which are spent pursuing pre-pharmacy general education requirements (completed at the intended pharmacy school or transferred to that school); the last four years encompass pharmacy courses and professional preparation taken in residence at a pharmacy school.

Admission to a pharmacy school is competitive, so take advantage of any course work or experience that may give you an added edge. A minimum GPA is required by some schools, but attaining the minimum does not guarantee admission. Prerequisite courses typically required before being admitted to a pharmacy program include general chemistry with lab (CHEM 105X, 106X), organic chemistry with lab (CHEM 321, 322 and 324), physics (PHYS 103 and 104), mathematics (MATH 107X, 108, 200X, and/or 201X) and English (ENGL 111X, 211X/213X) among others. Careful planning is necessary because course requirements differ among schools.

Students considering a career as a pharmacist can learn more at www.uaf.edu/advising/degree/preprof/pharmacy.html and should see an advisor in the Academic Advising Center.

### Baccalaureate Core Requirements

All degrees (e.g. B.A., B.S., etc.) require additional courses. Refer to specific degree and program requirements.

**COMMUNICATION (9)**

Complete the following:

- ENGL 111X .................................................................(3)
  
  * ENGL 190H may be substituted.

Complete one of the following:

- ENGL 211X OR ENGL 213X ............................................(3)

Complete one of the following:

- COMM 131X OR COMM 141X ............................................(3)

**PERSPECTIVES ON THE HUMAN CONDITION (18)**

Complete all of the following four courses:

- ANTH 100X/SOC 100X ...................................................(3)
- ECON 100X OR PS 100X ....................................................(3)
- HIST 100X ....................................................................(3)
- ENGL/FL 200X ............................................................(3)

Complete one of the following three courses:

- ART/MUS/THR 200X, HUM 201X OR ANS 202X ............... (3)

Complete one of the following six courses:

- BA 323X, COMM 300X, JUST 300X, NRM 303X, PS 300X OR PHIL 322X .......................................................(3)

OR complete 12 credits from the above courses PLUS

- two semester-length courses in a single Alaska Native language or other non-English language OR
- three semester-length courses (9 credits) in American Sign Language taken at the university level.

**MATHEMATICS (3)**

Complete one of the following:

- MATH 107X, MATH 161X OR MATH 103X .........................(3–4)
  
  * No credit may be earned for more than one of MATH 107X or 161X.

OR complete one of the following:

- MATH 200X, MATH 201X, MATH 202X, MATH 262X OR MATH 272X .......................................................(4)
  
  * Or any math course having one of these as a prerequisite

**NATURAL SCIENCES (8)**

Complete any two (4-credit) courses:

- ATM 101X .................................................................(4)
- BIOL 100X ...............................................................(4)
- BIOL 103X ...............................................................(4)
- BIOL 104X ...............................................................(4)
- BIOL 105X ...............................................................(4)
- BIOL 106X ...............................................................(4)
- BIOL 111X ...............................................................(4)
- BIOL 112X ...............................................................(4)
- CHEM 100X ............................................................(4)
- CHEM 103X ............................................................(4)
- CHEM 104X ............................................................(4)
- CHEM 105X ............................................................(4)
- CHEM 106X ............................................................(4)
- CHEM 205X ............................................................(4)
- GEOS 100X .............................................................(4)
- GEOS 101X .............................................................(4)
- GEOS 112X .............................................................(4)
- GEOS 120X .............................................................(4)
- GEOS 125X .............................................................(4)
- MSL 111X .................................................................(4)
- PHYS 102X ...............................................................(4)
- PHYS 103X ...............................................................(4)
- PHYS 104X ...............................................................(4)
- PHYS 113X ...............................................................(4)
- PHYS 116X ...............................................................(4)
- PHYS 175X ...............................................................(4)
- PHYS 211X ...............................................................(4)
- PHYS 212X ...............................................................(4)
- PHYS 213X ...............................................................(4)

**LIBRARY AND INFORMATION RESEARCH (0–1)**

Successful completion of library skills competency test OR

- LS 100X or 101X prior to junior standing ............................(0–1)

**UPPER-DIVISION WRITING AND ORAL COMMUNICATION (0)**

Complete the following:

- Two writing intensive courses designated (W) .....................(0)
- One oral communication intensive course designated (O) .......(0)

OR two oral communication intensive courses designated (O/2), at the upper-division level (see degree and/or major requirements) ...........(0)

**TOTAL CREDITS REQUIRED** ..................................................38–39