

UAMS Pre-Pharmacy Curriculum

| Fall | 17 hours | Spring | 17 hours |
|---|-------------|---------------------------------------|-------------|
| Engl 1013 Freshman Composition I | 3 | Engl 1023 Freshman Composition II | 3 |
| Chem 1103 General Chemistry I | 3 | Chem 1113 General Chemistry II | 3 |
| Chem 1121 General Chemistry I Lab | 1 | Chem 1131 General Chemistry II Lab | 1 |
| Biol 1053 Prin. Biology I | 3 | Biol 1083 Prin Biology II | 3 |
| Biol 1041 Prin. Biol I Lab | 1 | Biol 1091 Prin Biol II Lab | 1 |
| *Math 1043 College Algebra | 3 | *Math 1033 Trigonometry | 3 |
| ★ Restricted Elective | 3 | ★ Restricted elective | 3 |
| 17 hours | | 17 hours | |
| Fall | 17 hours | Spring | 17 hours |
| Chem 3404 Organic Chemistry I/Lab | 4 | Chem 3414 Organic Chemistry II/Lab | 4 |
| Phys 2203 General Physics I | 3 | #Selective Course | 3-5 |
| Phys 2231 Physics Laboratory | 1 | Accounting or Econ | 3 |
| Biol 3553 Microbiology | 3 | Public Speaking | 3 |
| Biol 3561 Microbiology Lab | 1 | ★ Restricted elective | 3 |
| Math 2255 Calculus I | 5 | | |
| 17 hours | | 16-18 hours | |
| Fall | 15-17 hours | Spring | 15-17 hours |
| #Selective Course (Biochem recommended) | 3-5 | #Selective Course | 3-5 |
| Gen Ed and Courses Required for Major | 12 | Gen Ed and Courses Required for Major | 12 |
| 15-17 hours | | 15-17 hours | |

Year 4 (if needed): Completion of selected degree program. You may apply for admission to UAMS for the Fall term after all pre-requisites are to be completed, however most successful applicants have completed their four-year degree by the time they are enrolled into the Doctor of Pharmacy program at UAMS. Application deadline is typically in January for admission into the Fall class at the UAMS College of Pharmacy.

*College Algebra and Trigonometry are not required, however most students need these prerequisites for Calculus I.

★ Restricted Electives (Requirements plus Restricted electives must total at least 69 hours)

These courses can be survey courses in Art, Music, Theater, Literature, Philosophy, Religion, Foreign Language, Psychology, Sociology, Anthropology, US or World History, Political Science, Ethics, Geography. Spanish is highly recommended. Restricted Electives **DO NOT** include courses in Health, Physical Education, Business, Science, Military Science, Education, Agriculture, Studio courses in Art, Music or Theater, or Computing.

#Selective Courses are upper level critical thinking electives. Biochemistry is strongly recommended as one of these electives. Allowable courses are Quantitative Analysis, Biochem I, Logic, Comparative Anatomy, Pathophysiology, Molecular Biology Genetics, Cell Biology, General Physics II with lab, Calculus II, and Probability and Statistics.

The PCAT is typically taken during the summer and fall of sophomore year, and often summer and fall of the junior year. See your advisor for more details.

If you are admitted to pharmacy school after earning 93 hours of undergraduate credit and completing your entire general education curriculum, you may qualify for the baccalaureate degree awarded after completion of your first year of pharmacy school. See the Degree Requirements for Professional School Candidates in your current UAM catalog for more details.

CLEP credit is accepted for 6 hours of English and a limited number of hours of electives. However, use of CLEP credit is not encouraged. CLEP credit must appear on transcript.

No course may be counted more than once for a requirement or an elective. A minimum grade of C is required for all pre-pharmacy courses.

Successful applicants from UAM have cumulative GPA's at or above 3.60 and PCAT scores above 75th percentile nationwide. These scores do not insure acceptance into UAMS, but are an indication of the type of grades and scores needed to enter the Doctor of Pharmacy program at UAMS.

(Reviewed July 2008)