

**University of Arkansas for Medical Sciences College of Pharmacy**  
**Courses Satisfying Pre-pharmacy Requirements for Applicants**  
**Southern Arkansas University, Magnolia 2017-18 Catalog**

<b>CORE Courses</b> <b>Area/semester hours required</b>	<b>Courses</b> <b>No more than 8 semester hours of CLEP, AP credit or credit by examination which must appear as credit on the transcript will be accepted to meet the CORE pre-pharmacy course requirements. It is recommended that CORE courses are taken during the regular academic year.</b>
Mathematics – 3-5 hrs required	MATH 1525 Calculus I
Chemistry – 16 hrs (12 hrs lecture, 4 hrs lab)	CHEM 1023, 1021 University Chemistry I/Lab CHEM 1123, 1121 University Chemistry II/Lab CHEM 3003, 3001 Organic Chemistry I/Lab CHEM 3103, 3101 Organic Chemistry II/Lab
Biology – 12 hrs (9 hrs lecture, 3 hrs lab)	BIOL 1103, 1101 University Biology I/Lab BIOL 1113, 1111 University Biology II/Lab BIOL 3032, 3022 General Microbiology/Lab
Physics – 4hrs (3 hrs lecture, 1 hr lab)	PHYS 2203, 2201 University Physics I/Lab or PHYS 2003, 2001 College Physics I/Lab
<b>NON-CORE Courses</b> <b>Area/semester hours required</b>	<b>Courses</b> <b>No more than 12 semester hours of CLEP, AP credit, or credit by examination which must appear as credit on the transcript will be accepted to meet the NON-CORE pre-pharmacy course requirements.</b>
English/Communication –9 hrs	Choose from: ENGL 1113 and/or 1123 Composition I and/or Composition II ENGL 2213 or higher, any course SPCH 1113 Introduction to Public Speaking
Economics/Accounting – 3 hrs	Choose from: ECON 2203 Principles of Macroeconomics ECON 2103 Principles of Microeconomics ACCT 2003 Principles of Accounting I
Recommended Electives – 9 hrs, minimum 3 classes	Choose from: CHEM 3212, 3202 Quantitative Chemical Analysis/Lab MATH 1545 Calculus II MATH 3043 Introduction to Applied Probability and Statistic PHYS 2213, 2211 University Physics II/Lab or PHYS 2103, 2101 College Physics II/Lab BIOL 3043 Cell Biology BIOL 3033, 3031 Genetics/Lab CHEM 3073, 3071 Biochemistry I/Lab BIOL 2063, 2061 Anatomy and Physiology I/Lab BIOL 2073, 2071 Anatomy and Physiology II/Lab
Humanities Electives (to total 69 hrs of pre-pharmacy)	Choose from: Survey courses in Art, Music, Theater, Literature, Philosophy, Religion, Foreign or Sign Language (Spanish is recommended if available), Psychology, Sociology, Anthropology, Geography, US or World History, Political Science or Ethics.

Courses which do not meet the Humanities Elective requirement are courses in: Health, Physical Education, Business, Science, Military Science, Education, Studio courses in Art, Music or Theater, Computer Science, Agriculture or any remedial course.

No course can be used to satisfy the requirements in more than one area. It is recommended that all courses with a lab are taken in person rather than on-line or by distance education. University declared exemptions from certain courses, e.g. English Comp I and/or II, or other courses which may be pre-pharmacy requirements; do not mean the UAMS College of Pharmacy pre-pharmacy requirement has been satisfied. Admission to the College of Pharmacy requires sixty-nine hours of specific transfer credits and unless credits in semester hours are given on a transcript, students will still have to meet the pre-pharmacy requirements of transferable hours for admission to the College of Pharmacy.

If you have questions about pre-pharmacy requirements, please contact the pre-pharmacy advisor on your campus or the UAMS College of Pharmacy at (501-686-6889) or email: COPAdmissions@uams.edu