

2009 FALL Biology, Pre-Pharmacy Concentration major

Requirements Checklist, REV. 9/29/09

Required Courses:

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| _____ BIOL 101, General Biology I | _____ OREN 105 (1 hour) |
| _____ BIOL 102, General Biology II | _____ CISC 100 or validation |
| _____ BIOL 201, Genetics | _____ ENGL 110 or validation by ACT/SAT |
| _____ BIOL 202, Microbiology | _____ ENGL 111, HIST 112 or a writing-intensive research course in the major |
| _____ BIOL 302, Human Physiology | _____ MATH 122, 124, 126, 135 or higher level Math course (one class required – students who validate MATH 135 by ACT/SAT or test may take a higher level math, excluding MATH 137, to satisfy this requirement) |
| _____ BIOL 308, Immunology | |
| _____ BIOL 315, Cellular and Molecular Biology | |
| _____ BIOL 321/CHEM301, Biochemistry | _____ Arts and Humanities (4 hours required)
ENGL 120, 201, 225, 227, 228; HNRS 101, HUMA 222, 223; MUSC 101, THEA 104, VISA 110, 204, 208 |
| _____ CHEM 101, General Chemistry I | |
| _____ CHEM 102, General Chemistry II | _____ Natural Sciences (4 hours required)
BIOL 100, 101; CHEM 101, EVSC 111, GEOL 101, PHED 252, PHYS 101 |
| _____ CHEM 203, Organic Chemistry I | |
| _____ CHEM 204, Organic Chemistry II | _____ Social Sciences (4 hours required)
BUSN 201, GEOG 200, HIST 101, 102, 201, 202; POLS 203, 205, 207, 209; PSYC 101, SOCI 101, 105 |
| _____ MATH 140, Elementary Statistics | _____ PHED 201 |
| _____ MATH 190, Calculus I* | _____ CMNS 251 |
| _____ Economics/Accounting (BUSN 201** from Commons or BUSN 211) | _____ CMNS 330 or HNRS 330 |
| _____ PHYS 101, General Physics I*** | _____ CMNS 380 or HNRS 380 |
| | _____ CMNS 480, BIOL/EVSC 480, BUSN 446, ENGL 402, PHED 480 or PSYC 430 |
| | _____ SVLN 351, 354, 356; VISA 354 |

*Prerequisite of MATH 160 and MATH 180 (not required if ACT/SAT scores merit exemption)

**Prerequisite MATH 140

***Some pharmacy schools, such as East Tennessee State University, require Physics II as a prerequisite for admission. University of Tennessee requires human anatomy (ATEP251). Students should check the prerequisites for the schools to which they plan to apply to make sure they have all the required courses.

Note: Most pharmacy schools required a 3 hour course in public speaking on the applicant's transcripts. Students are encouraged to take a speech course at an institute offering this course.

Arts & Lectures Series (no credit hours)