2013 Fall Biology, Pre-Pharmacy Concentration major
Requirements Checklist, REV. 2/21/13

MAJOR COURSES

_____ BIOL 101, General Biology I
_____ BIOL 102, General Biology II
_____ BIOL 201, Genetics
_____ BIOL 202, Microbiology
_____ BIOL 302, Human Physiology
_____ BIOL 304, Human Anatomy ** OR BIOL 308, Immunology
_____ BIOL 315, Cellular and Molecular Biology
_____ BIOL 321/CHEM 301, Biochemistry
_____ CHEM 101, General Chemistry I
_____ CHEM 102, General Chemistry II
_____ CHEM 203, Organic Chemistry I
_____ CHEM 204, Organic Chemistry II
_____ MATH 140, Elementary Statistics
_____ MATH 190, Calculus I*
_____ Economics/Accounting (BUSN 201**) from Commons or BUSN 211
_____ PHYS 201, General Physics I***

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

***Some pharmacy schools, such as East Tennessee State University, require Physics II as a prerequisite for admission. University of Tennessee requires human anatomy (BIOL 304). 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.

COMMONS CURRICULUM

_____ OREN 105 (1 hour)
_____ CISC 100 or validation
_____ ENGL 110 or validation by ACT/SAT
_____ ENGL 111, HIST 112 or a writing-intensive research course in the major

_____ 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)

Arts and Humanities (4 hours required)

______ ENGL 120, 201, 213, 214, 223, 224, 225, 227, 228, 231, 250; HUMA 222, 223; MUSC 101, RELG101, 102; THEA 104, VISA 110, 204 or 208

Natural Sciences (4 hours required)

______ ATEP 252, BIOL 100, 101, 251; CHEM 101, EVSC 111, GEOL 101, PHED 252, PHYS 201

Social Sciences (4 hours required)

______ BUSN 201, CRJU 101, GEOG 200, HIST 101, 102, 201, 202; POLS 203, 205, 207, 209; PSYC 101; SOCI 101, 105
______ PHED 201 or PSYC 102

• ____ CMNS 251

• ____ CMNS 330 or HNRS 330 or the combination of RELG 101 and RELG 102

• ____ CMNS 380 or HNRS 380

• ____ CMNS 480, BIOL/EVSC 480, BUSN 446, ENGL 402, HIST 480, PHED 480 or PSYC 430

• ____ SVLN 351, 354, 356; BUSN 352, 356 or VISA 354

Arts & Lectures Series (no credit hours)

Attended _____ of _____ required A&L events

• If you are double majoring with an Education major, CMNS 251, Service-Learning and CMNS 480 are not required.

128.00 hours required for graduation
Commons: **41.00 to 45.00 semester hours
Major: 64.00 semester hours
Electives: **19.00 to 23.00 semester hours