

Current curriculum Mathematics and Physics (Actuarial Science Concentration)

Courses in the Revised Curriculum for Mathematics & Physics (Actuarial Science) Effective Fall 2018
First Year Experiences I; FYE 101 (1)
First Year Experiences II; FYE 102 (1)
Freshman Composition I; ENG 101 (3)
Freshman Composition II; ENG 102 (3)
Calculus I; MATH 153 (3)
Calculus II; MATH 154 (3)
Principles of Biology I; BIOL 113 (3) & BIOL 115 L (1)
General Physics I; PHYS 153 (3) & PHYS 153 L (1)
General Physics II; PHYS 154 (3) & PHYS 154 L (1)
World History ; HIST 103 (3)
3 Hours of Humanities from the list of courses available*
3 Hours of Humanities from the list of courses available*
3 Hours of Social sciences from the list of courses available*
Macroeconomics; ECON 201 (3)
3 Hours of Fine & Performing Arts from the list available*
Computer Science I (CS 110) (3)
Computer Science II; CS 120 (3)
General Education Testing; GET 300 (0)
Data Structures and Algorithm Analysis (CS 236) (3)
General Chem. I; CHEM 111 (3) & CHEM 113 L (1)
Calculus III; MATH 201 (3)
Probability and Statistics I; MATH 273 (3)
Linear Algebra; MATH 309 (3)
Differential Equations; MATH 403 (3)
Modern Physics; PHYS 219 (3)
Thermodynamics; PHYS 304 (3)
Mechanics I; PHYS 305 (3)
Electromagnetic Theory I; PHYS 403 (3)
Probability and Statistics II; MATH 274 (3)
Statistical Data Analytics; MATH 374 (3)
Mathematics of Finance I; MATH 376 (3)
Mathematics of Finance II; MATH 476 (3)
Microeconomics; ECON 202 (3)
Business Finance; FIN 301 (3)
Investments; FIN 302 (3)
Managerial Economics; ECON 307 (3)
Intermediate Microeconomics; ECON 351 (3)
Intermediate Macroeconomics; ECON 352 (3)
<p>Nine (9) hours of Electives from Managerial Accounting; ACCT 202 (3), Probability and Statistics III; MATH 375 (3) Research in Mathematics; MATH 409 (3), Money and Banking; ECON 401 (3), Discrete Structure; CS 210 (3), Software Engineering; CS 310 (3). In addition, 300 or higher level Accounting, Finance, mathematics or computer science courses can be taken with the permission of the Department.</p>
TOTAL: 120 Hours

*** SPECIFIC COURSES AVAILABLE IN GENERAL EDUCATION COURSE-LIST**