

Certificate in Actuarial Studies Registration Form

The Certificate in Actuarial Studies provides students with structured preparation for careers as actuaries. Through the core courses, students will prepare for professional exams and have completed approved VEE coursework for professional associations. Students must complete certificate courses with an overall GPA of 2.0 or higher. None of the certificate courses may be taken on the satisfactory/fail basis.

 UR ID Number

 Student Last Name

 Student First Name

Core Courses: Complete all 6 courses

	Semester	Grade (if completed)
ECON 108: Principles of Economics <i>Economics VEE*</i>		
MATH/STAT 201: Introduction to Probability <i>Pre-requisite: MATH 143, 162, or 172</i> <i>Prepares for P exam</i>		
MATH/STAT 203: Introduction to Mathematical Statistics <i>Pre-requisite: MATH/STAT 201</i> <i>Math-Stat VEE*</i>		
MATH 165: Linear Algebra with Differential Equations <i>Pre-requisite: MATH 143, 162, or 172</i>		
ACC 201: Financial Accounting <i>Accounting & Finance VEE (when paired with FIN 205 or MATH 210)*</i>		
FIN 205: Financial Management <i>Pre-requisite: ECON 108 + 1 STAT course</i> <i>Accounting & Finance VEE (when paired with ACC 201)*</i>		

*You can only apply for VEE credit through an accrediting organization after passing two SOA, CAS, or CIA exams.

Computing Course: Select 1 course

	Semester	Grade (if completed)
CSC 161: Introduction to Programming (Python)		
CSC 171: Introduction to Computer Science (Java)		
STAT 275/W: R Programming <i>Pre-requisite: STAT 180/190 or ECON 230</i>		
STAT 276/W: Data Analysis in R <i>Pre-requisite: STAT 216</i>		
STAT 277: Intro Statistical Software I (SAS, R, JMP) <i>Pre-requisite: STAT 216</i>		
STAT 278: Statistical Computing in Python <i>Pre-requisite: STAT 180/190</i>		

Elective Courses: Select 3 courses

	Semester	Grade (if completed)
MATH 202: Introduction to Stochastic Processes <i>Pre-requisite: MATH/STAT 201</i>		
MATH 208: Operations Research I (fall) <i>Pre-requisite: MATH 162, 165</i> <i>Not eligible if also completing the Operations Research Certificate</i>		
MATH 209: Operations Research II (spring) <i>Pre-requisite: MATH 208</i> <i>Not eligible if also completing the Operations Research Certificate</i>		
MATH 210/H: Introduction to Financial Math <i>Pre-requisite: FIN 205, FIN 206, MATH 143/162, STAT 180/190</i>		
MATH 280: Introduction to Numerical Analysis (fall) <i>Pre-requisite: MATH 173 or 235 and CSC 161 or 171</i>		
STAT 216: Intermediate Statistical Methodology <i>Pre-requisite: STAT 180/190 or ECON 230</i>		
STAT 217: Advanced Statistical Methodology (spring) <i>Pre-requisite: STAT 216</i>		
STAT 223: Bayesian Inference (spring) <i>Pre-requisite: STAT 203 and MATH 164</i>		
ECON 231W: Econometrics <i>Pre-requisite: STAT 190, ECON 230, or STAT 203 and ECON 207</i>		
ECON 236: Health Economics		

Student Signature: _____ Date: _____

Advisor Signature: _____ Date: _____

Submission Guidelines: The student should talk with an Actuarial Studies advisor to determine their plan and fill out this form. The student should sign the registration form and send to the advisor, who will sign and submit to the Registrar's office for processing.