

Actuarial Science Specialization: Suggested courses and preparation

VEE courses:

- Economics (Econ 101 and Econ 102)
- Accounting and Finance (Econ 121, Econ 122, Econ 374)
- Mathematical Statistics (Stat 453)

Exam prep:

- P exam (Probability: Stat 451)
- FM exam (Financial Mathematics: Stat 365)
- IFM exam (Investment and Financial Markets: Econ 477)

Other important skills:

- Communication, written and spoken (Engl 393)
- Data manipulation/coding esp. Excel, Python, R (CMSC 201, CMSC 411, and/or CMSC 436)
- Data analysis/Qualitative-Quantitative bridge (Stat 454)
- Stochastic processes (Math 452)

Milestones:

- Complete at least one exam before the beginning of 3rd year
- Internship summer before final year (deadlines are generally Sept./Oct. the previous fall)
- Complete 2-3 exams before graduation

Sample 4-year plans for Actuarial Specialization with Applied Stat major and CMSC/Econ minors are available.