

Actuarial Science Preparation

ACTUARIAL SCIENCE			
Actuarial Science preparation is a listing of strongly recommended courses for students interested in pursuing a career as an Actuary. These courses cover topics that will be included in some of the preliminary professional exams that students need to pass to become a credentialed Actuary. Additional study outside of the degree program will be required to successfully complete the remaining Actuary exams.	Strongly Recommended Courses		
	MATH 3130	Introduction to Linear Algebra	3
	MATH 3810	Introduction to Probability and Statistics	3
	MATH 4310	Modern Analysis I	3
	MATH 4810	Mathematical Statistics I	3
	MATH 4820	Mathematical Statistics II	3
	MATH 4850	Stochastic Modeling	3
	Additional Recommended Courses	Business, Communication, Computer Science, Economics, Finance, and Professional and Technical Writing	

Preparation for becoming an Actuary is not a defined degree program, but students should plan on pursuing a degree in Mathematics or Economics. **The best preparation will likely come from pursuing the Statistics Option in the BS in Mathematics program supplemented with the course work above, much of which is already required for the degree program.**

Resources for students interested in becoming an Actuary:

- Be an Actuary is a website for prospective Actuaries and provides a central location for most of the information students will need to pursue an Actuary career and is sponsored by CAS and SOA - <http://www.beanactuary.org/>
- Casualty Actuarial Society (CAS) - <http://www.casact.org/>
- Society of Actuaries (SOA) - <https://www.soa.org/member/>