

BCCC

Baltimore City Community College



ARTS AND SCIENCES TRANSFER, **ACTUARIAL SCIENCE**

Area of Concentration
Associate of Science

The Actuarial Science program offers a 60-credit sequentially tiered course work that provides students the opportunity to master conceptual/theoretical and technical skills in mathematics. The program helps students transfer to a college or university that offers a baccalaureate degree with a major in mathematics or actuarial science. This transfer program ensures that all transfer requirements are up to date with other higher education institutions.

The courses included in the program qualify students to transfer as a junior to Bachelor of Science degree programs into a four-year college or university. Actuaries analyze the financial costs of risk and uncertainty. They use mathematics and financial theory to assess the risk of potential events, and they help businesses and clients develop policies that minimize the cost of that risk. Actuaries' work is essential to the insurance industry.

Learn more at
bccc.edu/actuarialscience

ARTS AND SCIENCES TRANSFER, ACTUARIAL SCIENCE AOC

60 credit hours

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CAREER OPTIONS

- Consultant
- Insurance Company Analyst
- Mathematician
- School Mathematics Specialist
- Statistician

BCCC'S ADVANTAGE

- Small class size
- Virtual & remote learning
- Majority of graduates transfer to a bachelor's degree program or find job placements
- Articulation with Morgan State University

APPLY TODAY
bccc.edu/apply

SUGGESTED SEQUENCE OF COURSES

Every degree-seeking student must complete the College's General Education Requirements in addition to the requirements of his/her academic program. Through the College's General Education Requirements, students acquire basic knowledge of the disciplines in the areas of arts and humanities, social and behavioral sciences, biological and physical sciences, mathematics, English composition, and computer literacy.

1ST SEMESTER	CREDITS	COURSE #
Preparation for Academic Achievement	1	PRE 100
English Writing	3	ENG 101
Health & Life Fitness	1	HLF ELEC
Calculus I	4	MAT 140
Logical and Critical Thinking	3	PHI 104
Fundamentals of Speech Communication	3	SPE 101
	15 Credits	

2ND SEMESTER	CREDITS	COURSE #
Programming in C	3	CSC 108
The American Economy I: Macroeconomic Theory	3	ECO 201
Introduction to Literature	3	ENG 200
Calculus II	4	MAT 141
Principles of Financial Acctg.	3	ACT 221
	16 Credits	

3RD SEMESTER	CREDITS	COURSE #
Principles of Managerial Acctg.	3	ACT 222
Health & Life Fitness	1	HLF ELEC
Calculus III	4	MAT 210
General Physics I	5	PHY 203
	13 Credits	

4TH SEMESTER	CREDITS	COURSE #
History of American Civilization I or World History I	3	HIS 101 or HIS 151
Differential Equations	4	MAT 211
Linear Algebra	4	MAT 212
General Physics II	5	PHY 204
	16 Credits	