

Governors State University



Associate of Arts or Science to Bachelor of Arts in Mathematics with a Concentration in Actuarial Science

Courses taken at JJC

ENG 101 Rhetoric
ENG 102 Rhetoric
COMM 101 Principles of Speech Communication
GEN ED Humanities course**(3 credit hours)
GEN ED Fine Arts course**(3 credit hours)
GEN ED Humanities or Fine Arts course**(3 credit hours)
MATH 170 Calculus with Analytical Geometry I
GEN ED Life Science course**(3 credit hours)
PHYS 201 Engineering Physics I
ECON 103 Principles of Economics I
ECON 104 Principles of Economics II
GEN ED Social & Behavior Science course - Non-Economics (3 credit hours)**
ACCY 101 Accounting I
MATH 171 Calculus with Analytical Geometry II
MATH 172 Calculus with Analytical Geometry III
MATH 210 Linear Algebra
MATH 220 Differential Equations and Orthogonal Functions
PHYS 202 Engineering Physics II
Elective Free Elective (1 credit hour)**

Total JJC Credits: 64*

JJC Faculty Advisor: Heidi Munsey
Office: J-2065
hmunsey@jjc.edu

Note: Students can complete up to 80 hours at JJC by taking additional electives reducing the GSU electives.

Courses taken at GSU

MATH 3099 Junior Seminar: Discrete Mathematics
MATH 4229 Advanced Calculus
MATH 4241 Analysis I: Real Variables
MATH 4250 Applied Statistics - Time Series
MATH 4350 Foundations of Actuarial Science
MATH 4450 Theory of Interest
MATH 4451 Modern Algebra
MATH 4557 Probability
MATH 4637 Mathematics Laboratory
MATH 4800 Internship (1-4 credit hours)**
STAT 4219 Statistical Methods
ECON 4101 Econometrics I
FIN 3110 Principles
FIN 3501 Investments
FIN 4501 Financial Options and Futures
FIN 4502 Advanced Investments
Electives Select Electives (7-10 credit hours)**

Total GSU Credits: 56*

Total Degree Credits: 120*

GSU Advisor: Office of Admission
708-534-4490
admission@govst.edu



Governors State University



*This transfer guide is a sample curriculum. Additional courses may be required based on placement test scores. Please work with your faculty advisor or success coach prior to course registration.

**Courses are to be chosen in consultation with an academic advisor.

About GSU's Program:

Problem-solvers and data collectors are needed in nearly every industry—especially the rapidly advancing fields of modern-day. Governors State's Bachelor of Arts in Mathematics equips students with the ability to think independently, creatively, and critically through a curriculum balanced between theoretical and applied study. As a mathematics student, you will gain a broad understanding of concepts in algebra, geometry, calculus, physics, and statistics. At least one course in computer science is required—though more may be elected—preparing you with technical skills needed for many mathematical career paths. If you intend to pursue a career as an actuary—a risk analyst—you can choose the Actuarial Science concentration within the B.A. in Mathematics degree. Actuaries are often employed by insurance companies, investment firms, and other industries affected by risk.

About JJC's Program:

Associate in Arts degrees are for those intending to transfer to a four year university after JJC and major in the social sciences, humanities, fine arts, and other majors falling under the arts. See the Associate in Arts page for curriculum requirements.

Associate in Science degrees are for those intending to transfer to a four year university after JJC and major in mathematics, natural sciences, technology, and other majors falling under the science category. See the Associate in Science page for curriculum requirements.

Questions:

JJC Faculty Advisor: Heidi Munsey
Office: J-2065
hmunsey@jjc.edu

Student Advising Center
815-280-2673
academic.advising@jjc.edu

