

Governors State University



Associate of Arts or Science to Bachelor of Arts in Mathematics

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 with lab**(4-5 credit hours)
PHYS 201	Engineering Physics I
GEN ED	Social and Behavioral Science courses from at least two disciplines** (9 credit hours)
CIS 122	Computer Information Systems
MATH 171	Calculus with Analytical Geometry II
MATH 172	Calculus with Analytical Geometry III
MATH 210	Linear Algebra
PHYS 202	Engineering Physics II
Elective	Elective** (3 credit hours)

Total JJC Credits: 64*

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

Courses taken at GSU

MATH 3099	Junior Seminar: Discrete Mathematics
MATH 4133	Number Theory
MATH 4241	Analysis I: Real Variables
MATH 4451	Modern Algebra
MATH 4993	Mathematics Senior Capstone
MATH 4250	Applied Statistics - Time Series
MATH 4557	Probability
STAT 4219	Statistical Methods
MATH 4229	Advanced Calculus
MATH 4243	Analysis II: Complex Variable
MATH 4337	Modern Geometry
MATH 4373	Topology
Selectives	Mathematics Selectives (15-17 credit hours): See GSU catalog or advisor for course options**
Electives	Electives (15-17 credit hours): 0-4 hours required to be completed at the 3000+ level in order to complete the

Total GSU Credits: 56*

Total Degree Credits: 120*

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





*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. With a degree in mathematics, you may enter a wide range of positions such as in research and development or statistical analysis in industries including healthcare, business, technology, or the government. Employment for mathematicians is expected to grow 30% over the next decade—much faster than

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:

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Student Advising Center
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