

Associate of Arts to Bachelor of Arts in Mathematics

The following is presented as an articulation agreement between Triton College and Governors State University (GSU) for the Mathematics degree program based on the current catalogs of both schools. The student would receive an Associate of Arts (AA) degree from Triton College and a Bachelors of Arts (BA) in Mathematics degree from GSU.

I. TRANSFERABLE GENERAL EDUCATION CORE CURRICULUM: (50 Hours)

Communications (9 hours)

- RHT 101 - Rhetoric and Composition (3)
- RHT 102 - Rhetoric and Composition (3)
- SPE 101 - Effective Speaking (3)

Humanities and Fine Arts (9 hours)

- Humanities Course (3)*
- Fine Arts Course (3)*
- Humanities or Fine Arts Course (3)*

Mathematics (15 hours)

- MAT 131 - Calculus & Analytical Geometry I (5) (Meets MATH 2290)
- MAT 133 - Calculus & Analytical Geometry II (5) (Meets MATH 2292)
- MAT 235 - Calculus & Analytical Geometry III (5) (Meets MATH 2294)

Physical and Life Sciences (8 hours)

- Life Science Course with Lab (4)* [BIS 150 recommended]
- PHY 106 - General Physics-Mechanics (4) (Meets PHYS 2171/2172)

Social and Behavioral Sciences (9 hours)

- Social and Behavioral Science courses from at least two separate disciplines (9)*

II. ELECTIVES (10 Hours)

- CIS 195 - Programming for Engineers (3) (Meets Computer Science Selective)
- MAT 224 - Linear Algebra (3) (Meets MATH 2449)
- PHY 107 - General Physics-Electricity, Magnetism, and Thermodynamics (4) (Meets PHYS 2181/2182)

REQUIRED A.A. DEGREE PROGRAM TOTAL: 60 Hours

*** Refer to the Triton AA/AS guidelines for a list of course choices in Section I and II.**

****Student must satisfy the Multicultural Diversity requirement within either the Humanities or Social Science section.**

Note: Students are strongly encouraged to complete up to 80 hours at TC by taking additional electives which will reduce the GSU Electives.

III. TO BE COMPLETED AT GSU (60 Hours)

Required Courses (15 hours)

MATH 3099	- Junior Seminar: Discrete Mathematics (3)
MATH 4133	- Number Theory (3)
MATH 4241	- Analysis I: Real Variables (3)
MATH 4451	- Modern Algebra (3)
MATH 4993	- Mathematics Senior Capstone (3)

Required Course Category Selective Hours (9 hours)

Select **one course from each** of the following categories.

Category 1:	MATH 4250	- Applied Statistics – Time Series (3)
	MATH 4557	- Probability (3)
	STAT 4219	- Statistical Methods (3)

Category 2:	MATH 4229	- Advanced Calculus (3)
	MATH 4243	- Analysis II: Complex Variable (3)

Category 3:	MATH 4337	- Modern Geometry (3)
	MATH 4373	- Topology (3)

Mathematics Selectives (15-17 hours)

See GSU catalog or advisor for course options.

Electives (19-21 hours)

0-4 hours required to be completed at the 3000+ level in order to complete the minimum of 40 upper division hours.

Minimum Required for the BA in Mathematics: 120 Hours

For Additional Information:

Governors State University

Office of Admissions

(708) 534-4490

TransferGuide@govst.edu

[Visit the College of Arts and Sciences at](http://www.govst.edu/cas)

www.govst.edu/cas

Triton College

Transfer Center

Nelly Marcial, M.Ed.

708-456-0300 ext. 3644

[Visit Triton College at www.triton.edu](http://www.triton.edu)

GSU Transfer Guide 7.17.2019