



## Associate of Arts to Bachelor of Arts in Mathematics

The following is presented as an articulation agreement between South Suburban College (SSC) 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 SSC and a Bachelors of Arts (BA) degree in Mathematics from GSU.

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

#### Communications (9 hours)

- ENG 101 - Composition and Rhetoric (3)
- ENG 102 - Composition and Literature (3)
- SPE 108 - Speech Fundamentals (3)

#### Humanities and Fine Arts (9 hours)

- Humanities Course (3)\*
- Fine Arts Course (3)\*
- Humanities or Fine Arts Course (3)\* (Elective for AS degree)

#### Mathematics (15 hours)

- MTH 190 - Calculus and Analytical Geometry I (5) (Meets MATH 2290)
- MTH 203 - Calculus & Analytical Geometry II (5) (Meets MATH 2292)
- MTH 204 - Calculus & Analytical Geometry III (5) (Meets MATH 2294)

#### Physical and Life Sciences (8 hours)

- Life Science with Lab (4)\*
- PHY 210 - University Physics I (4) (Meets PHYS 2171/2172)

#### Social and Behavioral Sciences (9 hours)

- Select three courses in at least two different disciplines
- Social and Behavioral Science Courses (9)\*

### II. ADDITIONAL GENERAL EDUCATION REQUIREMENT (1 hour)

- OCS 121 - Overview for College Success (1)

### III. ELECTIVES (11 Hours)

- CS 121 - Computer Programming (4) (Meets Computer Science Selective)
- MTH 200 - Introduction to Linear Algebra (3) (Meets MATH 2449)
- PHY 211 - University Physics II (4) (Meets PHYS 2181/2182)

### REQUIRED A.A. DEGREE PROGRAM TOTAL: 62 Hours

\* Refer to the SSC AA/AS guidelines for a list of course choices in Section I.

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

# Transfer Guide



## IV. TO BE COMPLETED AT GSU (58 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.

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

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

<b>Category 3:</b> MATH 4337	- Modern Geometry (3)
MATH 4373	- Topology (3)

### Mathematics Selectives (15-17 hours)

See GSU catalog or advisor for course options.

### Electives (17-19 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 Admission

(708) 534-4490

[TransferGuide@govst.edu](mailto:TransferGuide@govst.edu)

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

[www.govst.edu/cas](http://www.govst.edu/cas)

South Suburban College

Counseling & Transfer Center

(708) 596-2000 Ext. 2241

[Visit South Suburban College at](http://www.ssc.edu)

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