



## Associate of Science to Mathematics with Teacher Education

The following is presented as an articulation agreement between South Suburban College (SSC) and Governors State University (GSU) for the Mathematics - Teacher Education degree program based on the current catalogs of both schools. The student would receive an Associate of Science (AS) degree from SSC and a Bachelors of Arts (BA) degree in Mathematics – Teacher Education from GSU. **The BA in Mathematics – Teacher Education program has special admissions requirements; please refer to the GSU catalog.**

### I. TRANSFERABLE GENERAL EDUCATION CORE CURRICULUM: (44 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 (6 hours)

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

#### 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)

- BIO 105 - General Biology I (4) (Meets BIOL 1500/1501)
- PHY 210 - University Physics I (4) (Meets PHYS 2171/2172)

#### Social and Behavioral Sciences (6 hours)

- HIS 203 - Early American History (3) (Meets HIST 1110) OR*
- HIS 204 - Later American History (3) (Meets HIST 1111)*
- PSC 101 - American National Government (3) (Meets POLS 2100)

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

- OCS 121 - Overview for College Success (1)

### III. AREA OF CONCENTRATION/MAJOR FIELD (19 Hours)

- EDU 110 - Foundations of American Education (3) (Meets EDUC 2310)
- MTH 200 - Introduction to Linear Algebra (3) (Meets MATH 2449)
- MTH 205 - Differential Equations (3) (Meets MATH 2271)
- PHY 211 - University Physics II (4) (Meets PHYS 2181/2182)
- PSY 101 - Intro to Psychology (3) (Meets PSYC 1101)
- Non-Western Humanities Course (3)\*

**REQUIRED A.S. DEGREE PROGRAM TOTAL: 62 Hours** (64 hours as written)

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

# Transfer Guide



## IV. TO BE COMPLETED AT SSC OR GSU (6 Hours)

Educational Technology (3) (SSC EDU 150 **OR** GSU EDUC 2101)  
Special Education (3) (SSC EDU 204 **OR** SPED 2100)

## V. TO BE COMPLETED AT GSU (51 hours)

### Required Core Courses (30 hours)

MATH 3099 - Junior Seminar: Discrete Mathematics (3)  
MATH 4133 - Number Theory (3)  
MATH 4171 - History of Mathematics (3)  
MATH 4241 - Analysis I: Real Variables (3)  
MATH 4243 - Analysis II: Complex Variables (3)  
MATH 4337 - Modern Geometry (3)  
MATH 4451 - Modern Algebra (3)  
MATH 4557 - Probability (3)  
MATH 4637 - Mathematics Laboratory (3)  
STAT 4219 - Statistical Methods (3)

### Required Education Courses (21 hours)

EDUC 3440 - Educational Psychology II (3)  
EDUC 4360 - Principles of Secondary Mathematics Education (3)  
EDUC 4370 - Teaching Secondary School Mathematics (3)  
EDUC 4999 - Student Teaching; Senior Capstone (12)

**Minimum Required for the BA in Mathematics with Teacher Education: 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)

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

**South Suburban College**

**Counseling & Transfer Center**

**(708) 596-2000 Ext. 2241**

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