

## **Associate of Arts or Science to Bachelor of Arts in Mathematics – Teacher Education**

The following is presented as an articulation agreement between Morton College (MC) 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 or Science (AA or AS) degree from MC 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: (47 Hours)** **Communications (9 hours)**

- ENG 101 - Rhetoric I (3)
- ENG 102 - Rhetoric II (3)
- SPE 101 - Principles of Public Speaking (3)

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

One course should meet the cultural diversity requirement.

- Humanities Course (3)\*
- Fine Arts Course (3)\*
- Non-Western Culture Humanities Course (3)\*

### **Mathematics (10 hours)**

- MAT 201 - Calculus I (5) (Meets MATH 2290)
- MAT 202 - Calculus II (5) (Meets MATH 2292)

### **Physical and Life Sciences (10 hours)**

- BIO 110 - Biology: A Cellular Approach (5) (Meets BIOL 1500/1501)
- PHY 101 or 105\*\* - General Physics I or Physics I (5) (Meets PHYS 2171/2172)

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

- HIS 105 - American History to 1865 (3) (Meets HIST 1110) OR*
- HIS 106 - American History from 1865 (3) (Meets HIST 1120)*
- POL 201 - United States National Government (3) (Meets POLS 2100)
- PSY 101 - Introduction to Psychology (3) (Meets PSYC 1101)

### **II. HEALTH TECHNOLOGY AND COLLEGE READINESS (2 hours)**

- PEH 103 - Nutrition (2) (also meets GSU Health Req.)

### **III. AREA OF CONCENTRATION/MAJOR FIELD (15 hours)**

- EDU 100 - Intro to American Education (3) (Meets EDUC 2310)
- MAT 203 - Calculus III (4) (Meets MATH 2294)
- MAT 215 - Differential Equations (3) (Meets MATH 2271)
- PHY 102 or 205\*\* - General Physics II or Physics II (5) (Meets PHYS 2181/2182)

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

\* Refer to the MC AA/AS guidelines for a list of course choices in Sections I and II.

\*\*PHY 105 and 205 sequence preferred for BA in Mathematics transfers. PHY 101 and 102 will be accepted.

**IV. TO BE COMPLETED AT MC OR GSU (3 Hours)**

Special Education (3) (MC ECE 125 OR GSU SPED 2100)

**V. TO BE COMPLETED AT GSU (57 Hours)**

**Required Core Courses (33 hours)**

- MATH 2449 - Linear Algebra (3)
- 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 (24 hours)**

- EDUC 2101 - Educational Technology (3)
- 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  
(124 hours as written)**

**For Additional Information:  
Governors State University  
Office of Admission  
(708) 534-4490**

**[Email TransferGuide@govst.edu](mailto:TransferGuide@govst.edu)  
[Visit the College of Arts and Sciences at  
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