

## Associate of Arts to Bachelor of Arts in Mathematics – Teacher Education

The following is presented as an articulation agreement between City Colleges of Chicago (CCC) 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 Arts (AA) degree from one of the CCC 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: (41-42 Hours) Communications (9 hours)

- ENG 101 - Composition (3)
- ENG 102 - Composition (3)
- SPEECH 101 - Fundamentals of Speech Communications (3)

### Humanities and Fine Arts (9 hours)

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

### Mathematics (5 hours)

- MATH 207 - Calculus and Analytic Geometry I (5) (Meets MATH 2290)

### Physical and Life Sciences (9-10 hours)

- BIOLOGY 121 - Biology I (5) (Meets BIOL 1500/1501)
- PHYSICS 221 or 231 or 235- Mechanics, Waves and Heat or General Physics I or Engineering Physics I (4-5) (Meets PHYS 2141/2142)\*\*

### Social and Behavioral Sciences (9 hours)

- HISTORY 111 - History American People to 1865 (3) (Meets HIST 1110) OR*
- HISTORY 112 - History American People from 1865 (3) (Meets HIST 1120)*
- POLSCI 201 - National Government (3) (Meets POLS 2100)
- PSYCH 201 - General Psychology (3) (Meets PSYC 1101)

### II. ADDITIONAL COLLEGE REQUIREMENTS (0)\*

Human Diversity Requirement (0) (This requirement can be fulfilled within the humanities or social behavioral sciences category by selecting a course with an IAI code ending in *N* or *D*.)

### III. AREA OF CONCENTRATION/MAJOR FIELD (20-21 Hours)

- MATH 208 - Calculus and Analytic Geometry II (5) (Meets MATH 2292)
- MATH 209 - Calculus and Analytic Geometry III (5) (Meets MATH 2294)
- MATH 210 - Differential Equations (3) (Meets MATH 2271)
- MATH 212 - Linear Algebra (3) (Meets MATH 2449)
- PHYSICS 222 or 232 or 236- Electricity, Light and Modern Physics or General Physics II or Engineering Physics II (4-5) (Meets PHYS 2181/2182)\*\*

**REQUIRED A.A. DEGREE PROGRAM TOTAL: 60 Hours** (61-63 hours as written)

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

\*\*PHYSICS 235/236 sequence preferred for BA in Mathematics transfers. PHYSICS 231/232 or PHYSICS 221/222 will be accepted.

# Transfer Guide



## IV. TO BE COMPLETED AT CCC OR GSU (9 Hours)

Educational Technology (3)	(CCC EDUC 102 <b>OR</b> GSU EDUC 2101)
Introduction to Education (3)	(CCC EDUC 101 <b>OR</b> GSU EDUC 2310)
Special Education (3)	(CCC EDUC 103 <b>OR</b> GSU 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

(121-123 hours as written)

### For Additional Information:

**Governors State University**  
**Office of Admissions**  
**(708) 534-4490**  
[TransferGuide@govst.edu](mailto:TransferGuide@govst.edu)  
[College of Arts and Sciences website at  
www.govst.edu/cas](http://www.govst.edu/cas)

**City Colleges of Chicago**  
**Counseling or Transfer Center**  
**Daley College**  
**(773) 838-7935 or 838-7980**  
**Harold Washington College**  
**(312) 553-5778**  
**Kennedy-King College**  
**(773) 602-5285**  
**Malcolm X College**  
**(312) 850-7464**  
**Olive- Harvey College**  
**(773) 291-6251**  
**Truman College**  
**(773) 907-4735**  
**Wright College**  
**(773) 481-8227**

GSU Transfer Guide 8.27.2020

