

Associate of Arts or Science to Bachelor of Arts in Mathematics with Teacher Education

The following is presented as an articulation agreement between Prairie State College (PSC) 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 in Arts or Science (AA or AS) degree from PSC and Bachelor of Arts (BA) degree in Mathematics 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: (50 Hours)

(Refer to the AA/AS Degree Guidelines for a list of courses in Section I.)

Communications (9 hours)

- ENG 101 - Composition I (3)
- ENG 102 - Composition II (3)
- COMM 101 - Principles of Communication (3)

Humanities and Fine Arts (9 hours)

(Students can complete third world/non-western by selecting a course with an IAI code ending in **N**.)

- Humanities Course (3)*
- Fine Arts Course (3)*
- Third World or Nonwestern Cultures Fine Arts or Humanities course (3)*

Mathematics (15 hours)

- MATH 171 - Calculus with Analytic Geometry I (5) (Meets MATH 2290)
- MATH 172 - Calculus with Analytic Geometry II (5) (Meets MATH 2292)
- MATH 173 - Calculus with Analytic Geometry III (5) (Meets MATH 2294)

Physical and Life Sciences (8 hours)

- BIOL 100 **or** 112 - General **or** Organismal Biology (4) (Meets BIOL 1500/1501)
- PHYSI 120 **or** 210[^] - College **or** University Physics I (4) (Meets PHYS 2171/2172)

Social and Behavioral Sciences (9 hours)

- HIST 201 - *U.S. History: 1492 to 1877 (3) (Meets HIST 1110) **OR***
- HIST 202 - *U.S. History: 1877 to Present (3) (Meets HIST 1120)*
- POLSC 140 - Introduction to US Government and Politics (3) (Meets POLS 2100)
- PSYCH 101 - Introduction to Psychology (3) (Meets PSYC 1101)

II. AREA OF CONCENTRATION/MAJOR FIELD (13 Hours)

- ED 100 - Foundations of Education (3) (Meets EDUC 2310)
- MATH 216 - Differential Equations (3) (Meets MATH 2271)
- MATH 220 - Linear Algebra (3) (Meets MATH 2449)
- PHYSI 130 **or** 220[^] - College **or** University Physics II (4) (Meets PHYS 2181/2182)

REQUIRED A.A./A.S. DEGREE PROGRAM TOTAL: 62 Hours (63 hours as written)

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

[^]PHYSI 210/220 sequence preferred for students intending on pursuing a BA in Mathematics at GSU.

Transfer Guide



III. TO BE COMPLETED AT PSC OR GSU (6 Hours)

Educational Technology (3) (PSC ED 160 **OR** GSU EDUC 2101)
Special Education (3) (PSC ED 212 **OR** GSU SPED 2100)

IV. 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

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

www.govst.edu/cas

Prairie State College

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GSU Transfer Guide 2.3.2020

