

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

The following is presented as an articulation agreement between Joliet Junior College (JJC) 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 or Science (AA/AS) degree from JJC and a Bachelor of Arts (BA) degree in Mathematics with 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: (42 Hours)

Communications (9 hours)

- ENG 101 - Rhetoric (3)
- ENG 102 - Rhetoric (3)
- COMM 101 - Principles of Communication (3)

Humanities and Fine Arts (9 hours)

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

Mathematics (5 hours)

- MATH 170 - Calculus with Analytical Geometry I (5) (Meets MATH 2290)

Physical and Life Sciences (10 hours)

- BIO 151 - General Biology I (5) (Meets BIOL 1500/1501)
- PHYS 201 - Engineering Physics I (5) (Meets PHYS 2171/2172)

Social and Behavioral Sciences (9 hours)

- HIST 103 - History of the United States to 1865 (3) (Meets HIST 1110) **OR**
- HIST 104 - History of the United States, 1865 to Present (3) (Meets HIST 1120)
- PSCI 101 - American National Government (3) (Meets POLS 2100)
- PSYC 101 - General Psychology (3) (Meets PSYC 1101)

II. AREA OF CONCENTRATION/MAJOR FIELD (22 hours)

- EDUC 101 - Introduction to Education (3) (Meets EDUC 2310)
- MATH 171 - Calculus with Analytical Geometry II (4) (Meets MATH 2292)
- MATH 172 - Calculus with Analytical Geometry III (4) (Meets MATH 2294)
- MATH 210 - Linear Algebra (3) (Meets MATH 2449)
- MATH 220 - Differential Equations and Orthogonal Functions (3)
(Meets MATH 2271)
- PHYS 202 - Engineering Physics II (5) (Meets PHYS 2181/2182)

REQUIRED A.A./A.S. DEGREE PROGRAM TOTAL: 64 Hours

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

Transfer Guide



III. TO BE COMPLETE AT JJC OR GSU (6 Hours)

- Educational Technology (JJC EDUC 115 or GSU EDUC 2101) (3)
- Special Education (JJC EDUC 240 or GSU SPED 2100) (3)

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
(121 hours as written)

For Additional Information:
Governors State University
GSU Jaguar Transfer Evaluator at
<https://govst.transfer.degree/>

College of Arts and Sciences at
www.govst.edu/cas

Joliet Junior College
Career and Transfer Center
(815) 280-2449
Visit Joliet Junior College at www.jjc.edu

GSU Transfer Guide 1/23/2024

