

Associate of Arts to Bachelor of Sciences in Mathematics

The following is presented as an articulation agreement between Illinois Valley Community College (IVCC) and Governors State University (GovState) for the Mathematics degree program based on the current catalogs of both schools. The student would receive an Associate of Arts (AA) degree from IVCC and a Bachelor of Science in Mathematics (BA) degree from GovState.

I. TRANSFERABLE GENERAL EDUCATION (40 Hours) **Communications (9 Hours)**

- ENG 1001 - Composition I (3) (Meets ENGL-1000)
- ENG 1002 - Composition II (3) (Meets ENGL-1010)
- SPH 1001 - Fundamentals of Speech (3) (Meets COMM-1000)

Humanities and Fine Arts (9 Hours)

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

Mathematics (5 Hours)

- MTH 2001 - Calculus & Analytic Geometry I (5) (Meets MATH-2290)

Physical and Life Sciences (8 Hours)

Select one life science course and one physical science course. One course must have a lab.

- Life Science Course (4)*
- PHY 2003 - General Physics I (4)

Social and Behavioral Sciences (9 Hours)

- Social and Behavioral Science Courses from two disciplines (9)

II. AREA OF CONCENTRATION/MAJOR FIELD (20 Hours)

- PHY 2004 - General Physics II (4) (Meets PHYS-2143/PHYS-2144)
- MTH 2002 - Calculus & Analytic Geometry II (4) (Meets MATH-2292)
- MTH 2003 - Calculus & Analytic Geometry III (4) (Meets MATH-2294)
- MTH 2007 - Differential Equations (3) (Meets MATH 2271 and Math Selective)
- Computer Science Selective: CSI 1002 or CSI 1011 (3)

REQUIRED A.A. DEGREE PROGRAM TOTAL: 60 Hours

*** Refer to the IVCC catalog guidelines for a list of course choices for Section I-II.**

III. TO BE COMPLETED AT GOVSTATE (60 Hours)

Core Courses (18 Hours)

- MATH 2449 - Linear Algebra (3)
- MATH 3099 - Junior Seminar: Discrete Mathematics (3)
- MATH 4133 - Number Theory (3)
- MATH 4241 - Analysis of Real Numbers (3)
- MATH 4451 - Modern Algebra (3)
- MATH 4993 - Mathematics Senior Capstone (3)

Required Course Category Selective (9-10 Hours)

Select One Course from Each Category listed in the GovState Catalog.

Mathematics Selectives (12-14 Hours)

Select 12 to 14 hours from the approved list.

Electives (18-21 Hours)

A minimum of 4 hours of electives from the 3000-4000 Level.

Minimum Required for BA in Mathematics: 120 Hours

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

Illinois Valley Community College
Counseling & Transfer Center
(815) 224-2720

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

Visit IVCC at www.ivcc.edu

GovState Transfer Guide 08/17/2026

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