

Associate of Arts to Bachelor of Arts in Mathematics

The following is presented as an articulation agreement between Kankakee Community College (KCC) 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 (AA) degree from KCC and a Bachelor of Arts (BA) degree in Mathematics from GSU.

I. TRANSFERABLE GENERAL EDUCATION CORE CURRICULUM (48 Hours)

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

Communications (9 hours)

- ENGL 1613 - English I (3)
- ENGL 1623 - English II (3)
- SPCH 1553 - Introductory Speech (3)

Humanities and Fine Arts (9 hours)

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

Mathematics (13 hours)

- MATH 2515 - Calculus with Analytical Geometry I (5) (Meets MATH 2290)
- MATH 2524 - Calculus with Analytical Geometry II (4) (Meets MATH 2292)
- MATH 2534 - Calculus with Analytical Geometry III (4) (Meets MATH 2294)

Physical and Life Sciences (8 hours)

- Life Science Course with Lab (4)*
- PHYS 2614 - Physics I (4) (Meets PHYS 2171/2172)

Social and Behavioral Sciences (9 hours)

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

II. AREA OF CONCENTRATION/MAJOR FIELD (7 hours)

- PHYS 2624 - Physics II (4) (Meets PHYS 2181/2182)
- Select one of the following to meet Computer Science Selective:
 - COSC 1513, COSC 2513 or COSC 2613 (3)

III. ELECTIVES (9 hours)

REQUIRED A.A. DEGREE PROGRAM TOTAL 64 Hours

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

Note: Students can complete up to 80 hours at KCC by taking additional electives reducing the GSU Electives.

IV. TO BE COMPLETED AT GSU (56 hours)

Required Courses (18 hours)

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

Required Course Category Selective Hours (9 hours)

Select **one course from each** of the following categories.

- Category 1:** MATH 4250 - Applied Statistics – Time Series (3)
MATH 4557 - Probability (3)
STAT 4219 - Statistical Methods (3)

- Category 2:** MATH 4229 - Advanced Calculus (3)
MATH 4243 - Analysis II: Complex Variable (3)

- Category 3:** MATH 4337 - Modern Geometry (3)
MATH 4373 - Topology (3)

Mathematics Selectives (15-17 hours)

See GSU catalog or advisor for course options.

Electives (12-14 hours)

0-4 hours required to be completed at the 3000+ level in order to complete the minimum of
40 upper division hours.

Minimum Required for the BA in Mathematics: 120 Hours

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

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

Kankakee Community College
Transfer Center
(815) 802-8208

[Visit Kankakee Community College at
www.kcc.edu/transfer](http://www.kcc.edu/transfer)