

Associate of Arts or Science to Bachelor of Arts in Mathematics

The following is presented as an articulation agreement between College of DuPage (COD) and Governors State University (GSU) for the Mathematics degree program based on the current catalogs for both institutions. The student would receive an Associate in Arts or Science (AA/AS) degree from COD and a Bachelors of Arts (BA) degree in Mathematics from GSU.

I. TRANSFERABLE GENERAL EDUCATION CORE CURRICULUM: (52 Hours)

Communications (9 hours)

- English 1101 - English Composition I (3)
- English 1102 - English Composition II (3)
- Speech 1100 - Fundamentals of Speech Communications (3)

Humanities and Fine Arts (9 hours)

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

Mathematics (15 hours)

- MATH 2231 - Calculus & Analytic Geometry I (5) (Meets MATH 2290)
- MATH 2232 - Calculus & Analytic Geometry II (5) (Meets MATH 2292)
- MATH 2233 - Calculus & Analytic Geometry III (5) (Meets MATH 2294)

Physical and Life Sciences (10 hours)

- BIOLO 1151 - Principles of Biological Science I (5) (Meets BIOL 1500/1501)
- PHYSI 2111 - Physics for Science & Engineering I (5) (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 (9 Hours)

- MATH 2270 - Differential Equations (4) (Meets MATH 2271)
- PHYSI 2112 - Physics for Science & Engineering II (5) (Meets PHYS 2181/2182)

III. ADDITIONAL ASSOCIATE DEGREE REQUIREMENTS (3-6 Hours)

- Contemporary Life Skills Course (3)
- Global/Multicultural Studies (0-3) (can be completed in humanities or social behavioral sciences)

REQUIRED A.A. DEGREE PROGRAM TOTAL: 64 Hours

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

Note: Students can complete up to 80 hours at COD by taking courses from Section IV and/or additional electives reducing the GSU Electives.

IV. TO BE COMPLETED AT COD OR GSU (9-11 Hours)

Computer Science Selective (3-4) (COD CIS 1150 or GSU CPSC 2005 or CPSC 3120 or CPSC 3142/3143)

Discrete Mathematics (3) (COD MATH 2115 or GSU MATH 2150)

Linear Algebra (3-4) (COD MATH 2245 or GSU MATH 2449)

IV. TO BE COMPLETED AT GSU (45-47 Hours)

Required Courses (24 hours)

MATH 4133

MATH 4171

MATH 4241

MATH 4243

MATH 4337

MATH 4451

MATH 4557

MATH 4637

- Number Theory (3)

- History of Mathematics (3)

- Analysis I: Real Variables (3)

- Analysis II: Complex Variables (3)

- Modern Geometry (3)

- Modern Algebra (3)

- Probability (3)

- Mathematics Laboratory (3)

Selective Hours (6 hours)

Select 6 hours (2 courses) from the following upper-division mathematics and statistics courses:

MATH 4229

MATH 4373

STAT 4219

- Advanced Calculus (3)

- Topology (3)

- Statistical Methods (3)

Or other mathematics courses approved by the academic advisor.

Electives (15-17 hours)

Minimum Required for the BA in Mathematics: 120 Hours

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

TransferGuide@govst.edu
www.govst.edu/cas

College of DuPage
Academic Affairs
630-942-2880