



Associate of Arts or Science to Bachelor of Science in Chemistry

The following is presented as an articulation agreement between Moraine Valley Community College (MVCC) and Governors State University (GSU) for the Chemistry degree program based on the current catalogs of both schools. The student would receive an Associate or Arts or Science (AA/AS) degree from MVCC and a Bachelors of Science (BS) degree in Chemistry from GSU.

I. TRANSFERABLE GENERAL EDUCATION CORE CURRICULUM (49 Hours)

Communications (9 hours)

- COM 101 - Composition I (3)
- COM 102 - Composition II (3)
- COM 103 - Speech Fundamentals (3)

Humanities and Fine Arts (9 hours)

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

Mathematics (10 hours)

- MTH 150 - Analytic Geometry and Calculus I (5) (Meets MATH 2290)
- MTH 151 - Analytic Geometry and Calculus II (5) (Meets MATH 2292)

Physical and Life Sciences (12 hours)

- Biology Course (4)*
- CHM 131 - Chemistry (University-Oriented) I (4) (Meets CHEM 1141/1142)
- PHY 203 - Mechanics (4) (Meets PHYS 2171/2172)

Social and Behavioral Sciences (9 hours)

Social and Behavioral Science courses from at least two different disciplines (9)*

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

- CHM 132 - Chemistry (University-Oriented) II (4) (Meets CHEM 1143/1144)
- MTH 201 - Differential Equations (3) (Meets MATH 2271)
- PHY 204 - Heat, Electricity and Magnetism (4) (Meets PHYS 2181/2182)
- Free Electives (2)*

REQUIRED A.A./A.S. DEGREE PROGRAM TOTAL 62 Hours

* Refer to the MVCC AA/AS guidelines for a list of course choices in Sections I-II.

Transfer Guide



III. TO BE COMPLETED AT MVCC OR GSU (8-10 Hours)

Organic Chemistry I (MVCC CHM 203 or GSU CHEM 3531/3532) (4-5)
Organic Chemistry II (MVCC CHM 204 or GSU CHEM 3533/3534) (4-5)

IV. TO BE COMPLETE AT GSU (48-50 Hours)

Required Courses (34 hours)

CHEM 3099	- Chemistry Junior Seminar (3)
CHEM 3233	- Analytic Chemistry (3)
CHEM 3234	- Analytic Chemistry Laboratory (1)
CHEM 3641	- Physical Chemistry I: Lecture (3)
CHEM 3642	- Physical Chemistry I: Laboratory (1)
CHEM 3643	- Physical Chemistry II: Lecture (3)
CHEM 3644	- Physical Chemistry II: Laboratory (1)
CHEM 4331	- Biochemistry: Lecture I (3)
CHEM 4332	- Biochemistry: Laboratory (1)
CHEM 4443	- Advanced Inorganic Chemistry (3)
CHEM 4444	- Advanced Inorganic Chemistry Laboratory (1)
CHEM 4552	- Intro to Chemistry Software and Molecular Modeling (1)
CHEM 4743	- Instrumental Analysis (3)
CHEM 4744	- Instrumental Analysis Laboratory (1)
CHEM 4965	- Senior Capstone and thesis in Chemistry (3)
STAT 4219	- Statistical Methods (3)

Advanced Laboratory Selective (2 hours)

Select one of the following laboratory courses:

CHEM 4952	- Organic Synthesis & Structural Methods (2)
CHEM 4962	- Undergraduate Research Experience (2)

Advanced Selectives (6 hours)

See GSU Academics Catalog or Advisor for list of course choices.

Electives (6-8 hours)

Minimum Required for the BS in Chemistry: 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)

Moraine Valley Community College

Academic Advising

(708) 974-5721

[Visit Moraine Valley Community](#)

[College at www.morainevalley.edu](http://www.morainevalley.edu)

GSU Transfer Guide 1.24.2020

