



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

The following is presented as an articulation agreement between Moraine Valley Community College (MVCC) and Governors State University (GSU) for the Chemistry – Teacher Education degree program based on the current catalogs of both schools. The student would receive an Associate in Arts or Science (AA/AS) degree from MVCC and Bachelors of Science (BS) degree in Chemistry – Teacher Education from GSU. **The BS in Chemistry – Teacher Education program has special admissions requirements; please refer to the GSU catalog.**

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)*
- Non-Western Humanities 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)

- BIO 111 - General Biology I (4) (Meets BIOL 1500/1501)
- CHM 131 - Chemistry I (4) (Meets CHEM 1141/1142)
- PHY 203 - Mechanics (4) (Meets PHYS 2171/2172)

Social and Behavioral Sciences (9 hours)

- HIS 201 - American History I (3) (Meets HIST 1110) **OR**
- HIS 202 - American History II (3) (Meets HIST 1120)
- PSC 110 - American National Government (3) (Meets POLS 2100)
- PSY 101 - Introduction to Psychology (3) (Meets PSYC 2101)

II. AREA OF CONCENTRATION/MAJOR FIELD (15 Hours)

- BIO 112 - General Biology II (4) (Meets BIOL 1510/1511)
- CHM 132 - Chemistry II (4) (Meets CHEM 1143/1144)
- EDU 100 - Introduction to Education (3) (Meets EDUC 2310)
- PHY 204 - Heat, Electricity and Magnetism (4) (Meets PHYS 2181/2182)

REQUIRED A.S. DEGREE PROGRAM TOTAL: 62 Hours (64 hours as written)

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



III. TO BE COMPLETED AT MVCC OR GSU (14-16 Hours)

- Educational Technology (MVCC EDU 110 or GSU EDUC 2101) (3)
- 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)
- Special Education (MVCC EDU 111 or GSU SPED 2100) (3)

IV. TO BE COMPLETED AT GSU (57 Hours)

Required Courses (32 hours)

- BIOL 4080 - Special Topics in Biology (3)
- CHEM 3099 - Chemistry Junior Seminar (3)
- CHEM 3233 - Analytical Chemistry: Lecture (3)
- CHEM 3234 - Analytical 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 5145 - Environmental Chemistry (3)
- CHEM 5146 - Environmental Chemistry with Lab (1)
- PHYS 1200 - Earth and Space Science (3)
- STAT 4219 - Statistical Methods (3)

Chemistry Selective (2 hours)

- CHEM 4962 - Undergraduate Research (2) **OR**
- CHEM 1990 - Chemistry Research (1-3)

Required Education Courses (23 hours)

- EDUC 3440 - Educational Psychology II (3)
- EDUC 4301 - Secondary Microteaching 1 (1)
- EDUC 4302 - Secondary Microteaching 2 (1)
- EDUC 4330 - Principles of Science Education (3)
- EDUC 4340 - Teaching Secondary School Science (3)
- EDUC 4999 - Student Teaching: Senior Capstone (12)

Minimum Required for the BS in Chemistry with Teacher Education: 132 hours
(135-137 hours as written)

For Additional Information:

Governors State University

Office of Admission

(708) 534-4490

TransferGuide@govst.edu

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

[at www.govst.edu/cas](http://www.govst.edu/cas)

Moraine Valley Community College

Academic Advising

(708) 974-5721

[Visit Moraine Valley Community](http://www.morainevalley.edu)

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

GSU Transfer Guide 1.24.2020

