

Morton College and Governors State University

Transfer Guide for Associate of Science Chemistry - Teacher Education, 2010-2011

The following is presented as an articulation agreement between Morton College (MC) and Governors State University (GSU) for the Chemistry -Teacher Education degree program based on the 2010-11 catalogs of both schools. The student would receive an Associate of Arts (AA) or an Associate of Science (AS) degree from MC and a 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: (42 credits)

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

Communications (9 credits)

- ENG 101 - Rhetoric I (3)
- ENG 102 - Rhetoric II (3)
- SPE 101 - Principles of Public Speaking (3)

Humanities and Fine Arts (9 credits)

- One Humanities course (3)*
- One Fine Arts course (3)*
- Third World or Nonwestern Cultures Humanities course (3)*

Mathematics (5 credits)

- MAT 201 - Calculus I (5)

Physical and Life Sciences (10 credits)

- BIO 110 - Biology – Cellular Approach (5)
- CHM 105 - Inorganic Chemistry I (4)

Social and Behavioral Sciences (9 credits)

- HIS 105 or 106 - American History (3)
- POL 201 - US National Government (3)
- PSY 101 - Introduction to Psychology (3)

II. AREA OF CONCENTRATION/MAJOR FIELD (26 credits)

- BIO 111 - Biology: A System Approach (5)
- CHM 106 - Inorganic Chemistry II (4)
- MAT 202 - Calculus II (5)
- PHY 105 - Physics I (5)
- PHY 205 - Physics II (5)
- PEH 101 - Personal Community Health (2)

REQUIRED A.S. DEGREE PROGRAM TOTAL: 68 credits

***Should include at least one course in Non-Western Culture, refer to the MC AA/AS guidelines for a list of course choices in Section I.**

(over)

IV. TO BE COMPLETED AT MC OR GSU (8 credits):

MC	CHEM 205/206	- Organic Chemistry I & II (8)
GSU	CHEM 341/342/343/344	- Organic Chemistry I & II (8)

V. TO BE COMPLETED AT GSU:

Required Courses: (57 hours)

CHEM 315	- Analytical Chemistry (3)
CHEM 316	- Analytical Chemistry Lab (1)
CHEM 350	- Chemical Safety (1)
CHEM 366	- Physical Chemistry I: Lecture (3)
CHEM 367	- Physical Chemistry I: Laboratory (1)
CHEM 368	- Physical Chemistry II: Lecture (3)
CHEM 369	- Physical Chemistry II: Laboratory (1)
CHEM 505	- Environmental Chemistry Lecture (3)
CHEM 506	- Environmental Chemistry Laboratory (1)
CHEM 544	- Biochemistry: Lecture (3)
CHEM 545	- Biochemistry: Laboratory (1)
EDCP 500	- Introduction to Educational Technology (3)
EDUC 310	- Foundations of Education (3)
EDUC 433	- Principles of Science Education (3)
EDUC 434	- Teaching Secondary School Science (3)
EDUC 440	- Education Psychology in Action (3)
EDUC 499	- Student Teaching: Secondary Chemistry (12)
PHYS 305	- Earth and Space Science (3)
SPED 510	- Survey of Exceptional Students (3)
STAT 520	- Statistical Methods (3)

Chemistry Selective (1 hour)

Select one of the following which must be taken at the upper-division level:

CHEM 470	- Independent Study (1-4)
CHEM 480	- Internship (1-4)
CHEM 490	- Chemistry Research (1-4)

Required for the BS in Chemistry with Teacher Certification: 125 hours

For Additional Information:
Governors State University
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(708) 534-4490
gapply@govst.edu
www.govst.edu/articulation
www.govst.edu/cas

Morton College
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(708) 656-8000 ext 245