

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

The following is presented as an articulation agreement between Prairie State College (PSC) 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 of Science (AS) degree from PSC and a Bachelor 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 (50 Hours)

Communications (9 hours)

- ENG 101 - Composition I (3)
 - ENG 102 - Composition II (3)
 - COMM 101 - Principles of Communication (3)
- **Must have a C or better in ENG 101 & 102 to receive credit for the degree.*

Humanities and Fine Arts (9 hours)

- Fine Arts Course (3)*
- Humanities Course (3)*
- Non-Western Culture Fine Arts of Humanities course (3)*
[IAI Humanities or Fine Arts course with a N designation]

Mathematics (10 hours)

- MATH 171 - Calculus with Analytic Geometry I (5) (Meets MATH 2290)
- MATH 172 - Calculus with Analytic Geometry II (5) (Meets MATH 2292)

Physical and Life Sciences (13 hours)

- BIOL 100 **OR** 112 - General Education Biology OR Organismal Biology (4)
(Meets BIOL 1500/1501)
- CHEM 110 - General Chemistry I (5) (Meets CHEM 1141/1142)
- PHYSI 120 **OR** 210 - College or University Physics I (4) (Meets PHYS 2171/2172)

Social and Behavioral Sciences (9 hours)

- HIST 201 - *U.S. History: 1492 to 1877* (3) (Meets HIST 1110) **OR**
- HIST 202 - *U.S. History: 1877 to Present* (3) (Meets HIST 1120)
- POLSC 140 - Introduction to US Government and Politics (3) (Meets POLS 2100)
- PSYCH 101 - Introduction to Psychology (3) (Meets PSYC 1101)

II. CHEMISTRY MAJOR REQUIREMENTS (13 Hours)

- BIOL 111 - Cellular and Molecular Biology (4) (Meets BIOL 1510/1511)
- CHEM 130 - General Chemistry II (5) (Meets CHEM 1142/1143)
- PHYSI 130 **OR** 220 - College or University Physics II (4) (Meets PHYS 2181/2182)

REQUIRED A.A./A.S. DEGREE PROGRAM TOTAL: 62 Hours (63 hours as written)

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

Note: Students can complete up to 80 hours at PSC by taking additional courses from Section III.

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III. TO BE COMPLETED AT PSC OR GSU (17-21 Hours)

- Educational Technology (3) (PSC ED 160 or GSU EDUC 2101)
- Foundations of Education (3) (PSC ED 100 or GSU EDUC 2310)
- Special Education (3) (PSC ED 212 or GSU SPED 2100)
- Organic Chemistry I & II w/labs
(PSC CHEM 203/204 or GSU CHEM 3531/3532/3533/3534) (8-12)

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 (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
(137-141 hours as written)

For Additional Information: Governors State University

Office of Admission

(708) 534-4490

TransferGuide@govst.edu

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

Prairie State College

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[Visit Prairie State College at
www.prairiestate.edu](http://www.prairiestate.edu)



GSU Transfer Guide 2.10.2020