



Associate in Science to Bachelor of Science in Chemistry

The following is presented as an articulation agreement between South Suburban College (SSC) and Governors State University (GSU) for the Chemistry degree program based on the current catalogs of both schools. The student would receive an Associate of Science (AS) degree from SSC and a Bachelor of Science (BS) degree in Chemistry from GSU.

I. TRANSFERABLE GENERAL EDUCATION CORE CURRICULUM: (44 Hours)

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

Communications (9 hours)

- ENG 101 - Composition and Rhetoric (3)
- ENG 102 - Composition and Literature (3)
- SPE 108 - Oral Communications (3)

Humanities and Fine Arts (6 hours)

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

Mathematics (10 hours)

- MTH 190 - Calculus with Analytic Geometry I (5) (Meets MATH 2290)
- MTH 203 - Calculus with Analytic Geometry II (5) (Meets MATH 2292)

Physical and Life Sciences (13 hours)

- BIO 102 or 105 - Intro Biology or General Biology I (4) (recommended)
- CHM 113 - General Chemistry I (5) (Meets CHEM 1141/1142)
- PHY 210 - University Physics I (4) (Meets PHYS 2171/2172)

Social and Behavioral Sciences (6 hours)

Select social and behavioral sciences in at least two different disciplines (6)*

II. AREA OF CONCENTRATION/MAJOR FIELD (19 Hours)

- CHM 114 - General Chemistry II (5) (Meets CHEM 1143/1144)
- CHM 203 - Organic Chemistry I (5) (Meets CHEM 3531/3532)
- CHM 204 - Organic Chemistry II (5) (Meets CHEM 3533/3534)
- PHY 211 - University Physics II (4) (Meets PHYS 2181/2182)

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

* Refer to the SSC AA/AS guidelines for a list of course choices for Section I-II.

Transfer Guide



III. TO BE COMPLETE AT SSC OR GSU (9 hours)

Differential Equations (SSC MTH 205 or GSU MATH 2271) (3)
Humanities or Fine Arts Course (3)*
Social and Behavioral Science Course (3)*

* Refer to the SSC or GSU catalog for a list of course choices for Section III.

IV. TO BE COMPLETE AT GSU (48 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 (6-7 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
www.govst.edu/cas

South Suburban College
Counseling & Transfer Ctr
(708) 596-2000 Ext. 2241

GSU Transfer Guide 9.16.2016

