

Associate of Arts or Science to Bachelor of Science in Chemistry

The following is presented as an articulation agreement between the City Colleges of Chicago (CCC) and Governors State University (GovState) for the Chemistry degree program based on the current catalogs of both schools. The student would receive an Associate of Arts or Science (AA/AS) degree from one of the CCC and a Bachelors of Science (BS) degree in Chemistry from GovState.

I. GENERAL EDUCATION CORE CURRICULUM (42 Hours)

Communications (9 hours)

- ENGLISH 101 - Composition (3)
- ENGLISH 102 - Composition (3)
- SPEECH 101 - Fundamentals of Speech Communications (3)

Humanities and Fine Arts (9 hours)

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

Mathematics (5 hours)

- MATH 207 - Calculus and Analytic Geometry I (5) (Meets MATH 2290)

Physical and Life Sciences (10 hours)

- BIOLOGY 121 - Biology I (5) (recommended)
- CHEM 201 - General Chemistry I (5) (Meets CHEM 1141/1142)

Social and Behavioral Sciences (9 hours)

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

II. ADDITIONAL COLLEGE REQUIREMENTS (0)*

- Human Diversity Requirement (0) (This requirement can be fulfilled within the humanities or social behavioral sciences category by selecting a course with an IAI code ending in *N* or *D*.)

III. AREA OF CONCENTRATION/MAJOR FIELD (20 hours)

- CHEM 203 - General Chemistry II (5) (Meets CHEM 1143/1144)
- MATH 208 - Calculus and Analytic Geometry II (5) (Meets MATH 2292)
- PHYSICS 221 - Mechanics and Heat (5) (Meets PHYS 2171/2172)
- PHYSICS 222 - Electricity, Light and Modern Physics (5) (Meets PHYS 2181/2182)

REQUIRED A.A./A.S. DEGREE PROGRAM TOTAL: 60 Hours (62 hours as written)

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

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IV. TO BE COMPLETED AT CCC OR GovState (11-15 Hours)

Differential Equations (CCC MATH 210 or GovState MATH 2271) (3)
Organic Chemistry I & II (CCC CHEM 205 & 207 or GovState CHEM 3531/3532 & 3533/3534) (8-12)

V. TO BE COMPLETED AT GovState (43-47 Hours) Required Courses (34 hours)

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 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 GovState Academics Catalog or Advisor for list of course choices.

Electives (1-5 hours)

Minimum Required for the BS in Chemistry: 120 Hours

For more information: Governors State University

Jaguar Transfer Evaluator at
<https://govst.transfer.degree/>

College of Arts and Sciences
website at www.govst.edu/cas

City Colleges of Chicago Transfer Centers

Richard J. Daley College (773) 838-7690
Harold Washington College (312) 553-5778
Kennedy-King College (773) 602-5285

Malcolm X College (312) 850-7088
Olive- Harvey College (773) 291-6537
Harry S Truman College (773) 907-4424
Wilbur Wright College (773) 481-8200

GovState Transfer Guide 05/08/2024

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