

TRANSFER GUIDE
Catalog Years: 2025-2027

Bridgewater College: BS in CHEMISTRY

Associate Transfer Degree Plan in CHEMISTRY

COURSE REQUIREMENTS

| Complete at Community College | | | | Complete at Bridgewater College | | |
|------------------------------------|---------|---|--|---------------------------------|---------|--|
| BACHELOR'S DEGREE REQUIREMENT | | SATISFIED BY | | BACHELOR'S DEGREE REQUIREMENT | | |
| Course | Credits | CC Course | Notes | Course | Credits | Notes |
| Elective credit | 1-2 | SDV 100 or 101 | | CL 150 | 1 | Intro to BC Academic Community |
| Writing Intensive | 3 | ENG 111 | | CL 400 | 1-3 | |
| CL 200 | 3 | ENG 112 OR 113 | | CHEM 308 | 1 | Organic Spectroscopy |
| Creative/Artistic Practices | 3 | Any UCGS Arts | | CHEM 380 | 4 | Instrumental Analysis |
| Study of Human Narrative | 3 | Any UCGS Literature course | | CHEM 370 | 4 | Advanced Inorganic Chemistry |
| Study of the Past | 3 | Any UCGS History | | CHEM 415 | 3 | Physical Chemistry 1 |
| Scientific Study of People/Society | 3 | Any UCGS Social or Behavioral Science | | CHEM 427 | 4 | Physical Chemistry 2 |
| CHEM 161 | 4 | CHM 111 | | CHEM 460 | 2 | Chemistry Capstone |
| CHEM 162 | 4 | CHM 112 | | 2 Electives | 6-8 | Any CHEM or BCHM 350-455 |
| MATH 233 | 4 | MTH 263 | | ELECTIVES | 32 | Meet with a faculty advisor to discuss several options for organizing elective credits, such as: |
| MATH 234 | 4 | MTH 264 | | | | -Minors in Computer Science, Math, Data Analytics, Biology, Environmental Science, Biomedical Sciences |
| PHYS 221-222 or PHYS 218-219 | 8 | PHY 241-242 or PHY 201-202 | | | | -Second majors in various fields |
| CHEM 305 | 5 | CHM 241 + 245 | | | | |
| CHEM 306 | 5 | CHM 242 + 246 | | | | |
| Additional electives | 6-7 | CSC 221; MTH 245; MTH 161; MTH 162; MTH 167; BIO 101; BIO 102 | Pre-Pharmacy/Health take BIO 101 & 102 | | | |
| Pre-Transfer credits | 60 | | | Post-Transfer Credits | 60 | |

TRANSFER GUIDANCE

We offer a Guaranteed Admission Agreement:

- Applicable Associate Degrees: AA and AS
- Minimum GPA requirement: 2.5/4.0
- Course requirements: Students must earn a grade of 'C' or higher in VCCS courses for credit to be transferred into Bridgewater.
- Maximum credits applicable for transfer: 68

Testing requirements: Bridgewater College is test optional. Students using the GAA are not required to submit standardized test scores for admittance

IMPORTANT LINKS & DATES:

- Transfer Info, Application, & Financial Aid Information: www.bridgewater.edu/transfer
- Deposit: On or before June 1
- FAFSA-Free Applications for Federal Student Aid: For highest aid, submit by March 1. Visit www.Studentaid.gov for more info
- Admissions Applications: No Deadline- Rolling Admissions

WHAT SHOULD I CONSIDER WHEN SELECTING COURSES?

- Connect with the transfer counselor at Bridgewater within your first year for help choosing the correct courses for your program.

IS THIS DEGREE RIGHT FOR ME?

The B.S. in Chemistry provides the following skills:

- Integration of knowledge across the disciplines
- Development of critical thinking and communication skills
- Ability to question, examine and understand issues/ideas with increasing clarity and depth
- Gain the knowledge and skills to become a successful and ethical leader.
- Learn from faculty who have professional experience in the business world.

WHAT IS THE IMPACT ON MY DEGREE OF WORK I HAVE ALREADY COMPLETED?

- **Associate Transfer Degree Completion:** The completion of an Associate Degree results in all lower-division general education requirements being met, except for CL 150 (a transfer orientation class that introduces students to the BC Academic community) and CL 400 (a senior portfolio class).
- **Credit for Prior Learning:** AP, IB, and CLEP are evaluated for credits. See this link for AP Equivalencies: <https://bridgewater.app.box.com/s/yp8uq0l32pexh5tfywiufc7g9azwlk2d>
- **Catalog Year:** Catalog year determined by first semester of attendance at the community college post high-school graduation.

- **Dual Enrollment – Completion of Associate Degree in HS:** The completion of an Associate Degree concurrent with high school results in course work towards your degree and most general education courses satisfied. Students will be enrolled as a freshman for orientation and engagement purposes.

IS THIS COLLEGE RIGHT FOR ME?

- Small class sizes with academic advisors in each department. All in-person.
- 23 NCAA DIII Sports
- Commuting or on-campus housing.
- Robust career services, academic support services, and clubs and activities.
- Study Abroad in Europe, Latin America, Africa and Asia
- BC awards merit scholarships to transfer students based on the cumulative GPA from community college course work. www.bridgewater.edu/admissions-aid
- 100% of students receive financial assistance.
- There are 55 different majors and minors.
- The Student:Faculty ratio is 13:1, with the average class size being 19.

WHAT CAN I DO WITH THIS DEGREE?

- Explore possible careers, salaries, and job outlook at: TransferVirginia.org
- Find out more <https://www.bridgewater.edu/academics/divisions/chemistry-biochemistry/chemistry-major/>

PROGRAM SUCCESSES & HIGHLIGHTS

- Our graduates go on to graduate, pharmacy, and medical schools as well as careers in healthcare, forensics, and industry. Our stats are available on our department website.

WHAT ARE MY CHANCES FOR GETTING ACCEPTED?

- Students that maintain at least a 2.5 GPA, show proficiency in college level Mathematics and English, and are in good academic standing have a high possibility of being admitted to BC.

DO MORE WITH YOUR DEGREE!

- Add a minor in Biomedical Sciences, Biology, Computer Science, Math, Data Analytics, or Environmental Sciences.
- Check out www.bridgewater.edu/life-at-bridgewater/career-development/career-exploration

OTHER THAN CLASSES, ARE THERE OTHER PROGRAM REQUIREMENTS?

- All students in this program are strongly encouraged to complete an internship, summer research experience, and/or participate in independent research at BC.