



NSCC Guided Pathway

2021-22

STEM Foundation (STE) – Chemistry Pathway

Associate in Arts • STEM and Education Division

| Recommended Course Selection Sequence | | Required | Credits | Course Offered | CPL Option | Completion |
|--|--|----------|-----------|----------------|------------|--------------------------|
| CMP101 | Composition 1 | Ⓡ | 3 | | X | <input type="checkbox"/> |
| Humanities Elective | | Ⓡ | 3 | | | <input type="checkbox"/> |
| PHY201 or PHY101 | Physics 1: Mechanics Introductory Physics 1 | Ⓡ | 4 | | X | <input type="checkbox"/> |
| MAT251 | Calculus 1 | Ⓡ | 4 | | X | <input type="checkbox"/> |
| CHE103 | General Chemistry | Ⓡ | 4 | | X | <input type="checkbox"/> |
| CMP102-150 | Composition 2 Elective | Ⓡ | 3 | | X | <input type="checkbox"/> |
| Social Science/Behavioral Science Elective | | Ⓡ | 3 | | | <input type="checkbox"/> |
| MAT252 | Calculus 2 | Ⓡ | 4 | | X | <input type="checkbox"/> |
| PHY222 or PHY102 | Physical Properties of Matter Introductory Physics 2 | Ⓡ | 4 | | X | <input type="checkbox"/> |
| CHE104 | General Chemistry 2 | Ⓡ | 4 | | X | <input type="checkbox"/> |
| Humanities Elective | | Ⓡ | 3 | | X | <input type="checkbox"/> |
| Social Science Elective | | Ⓡ | 3 | | X | <input type="checkbox"/> |
| CHE201 | Organic Chemistry 1 | Ⓡ | 4 | Fall only | | <input type="checkbox"/> |
| CHE202 | Organic Chemistry 2 | Ⓡ | 4 | Spring only | | <input type="checkbox"/> |
| *Liberal Arts or STEM Elective | | Ⓡ | 10 | | | <input type="checkbox"/> |
| Total Program Credits: | | | 60 | | | |

Program Notes

- Open admissions
- Eligible Commonwealth Commitment program
- Eligible North Shore Promise program
- MassTransfer program
- Day program

Campus Information

- Lynn campus based

Additional Graduation Requirements

- Cumulative CLGPA at or above 2.0
- Submit your intent to graduate form at: www.northshore.edu/registrar

Advising Notes

- The recommended courses listed above are designed upon degree completion for a student to be eligible to transfer to a public Massachusetts state university or UMASS system institution with junior status in the major of chemistry.
- The following are course recommendations for fulfilling liberal arts elective course requirements for transfer:
 - *Salem State University: CPS100 and CPS101
 - *UMass Lowell: MAT301 and MAT302
 - *UMass Amherst: MAT301 and BIO105
 - *UMass Boston: BIO105
- Courses are listed in the recommended order you should take them.
- Many courses have prerequisite requirements that must be fulfilled to be eligible to enroll in the course.
- If you intend to graduate with an associate degree in two years, you should enroll in at least 15 credits if taking only fall/spring courses.
- Completing 30 credits each year helps students stay on track to timely graduation.
- Taking classes in the winter intersession and summer can accelerate your time to degree completion.
- All student degree audits for graduation purposes will be based off the official program of study the student is enrolled in.

Ⓡ Required course for degree
 X Center for Alternative Studies & Educational Testing (CAS) –
 Course competencies and prerequisites may be fulfilled through Credit for
 Prior Learning (CPL). Visit www.northshore.edu/cas for more information.



Congratulations NSCC Graduate!