



# NSCC Guided Pathway

2021-22

## STEM Foundation (STE) – Construction and Building Science Pathway

Associate in Arts • STEM and Education Division

Recommended Course Selection Sequence		Required	Credits	Course Offered	CPL Option	Completion
CMP101	Composition 1	Ⓡ	3			<input type="checkbox"/>
ECO103	Principles of Macroeconomics	Ⓡ	3			<input type="checkbox"/>
MAT151	Precalculus 1	Ⓡ	3			<input type="checkbox"/>
CBS103	Blueprint Reading for the Blueprint Trades	Ⓡ	2			<input type="checkbox"/>
CAD105	Computer Aided Design: Autocad	Ⓡ	3			<input type="checkbox"/>
CPS100	Information Technology	Ⓡ	3			<input type="checkbox"/>
MAT152	Precalculus 2	Ⓡ	3			<input type="checkbox"/>
CHE103	General Chemistry 1	Ⓡ	4			<input type="checkbox"/>
SPE102	Speech	Ⓡ	3			<input type="checkbox"/>
CBS101	Introduction to Sustainable Building and Construction Science	Ⓡ	3			<input type="checkbox"/>
PRO100	Introduction to the Professional Portfolio	Ⓡ	1			<input type="checkbox"/>
PHY101	Introduction to Physics 1	Ⓡ	4			<input type="checkbox"/>
ECO104	Principles of Microeconomics	Ⓡ	3			<input type="checkbox"/>
CBS102	Construction Materials & Methods	Ⓡ	3			<input type="checkbox"/>
CMP102-150	Composition 2 Elective	Ⓡ	3			<input type="checkbox"/>
EVS102	Introduction to Sustainability	Ⓡ	3			<input type="checkbox"/>
PHY102	Introduction to Physics 2	Ⓡ	4			<input type="checkbox"/>
CAD106	Computer Aided Design: 3D Autocad and Revit	Ⓡ	3			<input type="checkbox"/>
Liberal Arts Elective		Ⓡ	3			<input type="checkbox"/>
STEM Elective		Ⓡ	3			<input type="checkbox"/>

**Total Program Credits:** 60

### Program Notes

- Open admissions
- Eligible Commonwealth Commitment program
- Eligible North Shore Promise program
- MassTransfer program
- Day, evening, and online program

### Campus Information

- Lynn or Danvers campus

### Additional Graduation Requirements

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

### Advising Notes

- PHY201 and PHY203 can be taken instead of PHY 101 or PHY102 if students have taken MAT251 and MAT252.
- Students looking to transfer to a related 4-year degree are encouraged to complete MAT 251 as a Liberal Arts Elective.
- The recommended courses listed above are designed upon degree completion to enable a student to be eligible to transfer to a public Massachusetts state university or UMASS system institution (UMASS Amherst has a program related to this program) a STEM related field with junior status in their major. To determine best credit transfer options by field, seek advising from STEM advisors.
- 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](http://www.northshore.edu/cas) for more information.



**Congratulations NSCC Graduate!**