

Name

NPC ID

Reviewed by

STEM accelerated map – 2024-2025

For students who intend to major in any of the Sciences, Engineering, or Mathematics, and come in with robust high school grades and/or college credits, especially in math, we suggest an accelerated, rigorous, one-year AGEC-based program of study.

This map assumes students can attend full-time and will transfer to a university after two semesters. A student can complete an AGEC within a 12-month time frame if they already have some college credits, and/or are willing to take some electives over a summer term, and/or are able to take on up to 18 credits per semester.

The advantage of this accelerated pathway is that students can take other requirements for upper division courses (not currently offered at NPC) in their second year of study at a university. For example, organic chemistry.

Students should tailor this pathway according to their specific transfer goals. For example, the CIS 111-112 might be a useful sequence for a student intending to pursue an engineering degree.

First Block (Fall)

X	Course	Notes	
	BIO 181 General Biology I* or GLG 101 Introduction to Geology I – Physical Geology*		4
	CHM 151 General Chemistry I*		4
	MAT 152 Advanced Algebra* Or MAT 189 Pre-Calculus Algebra/Trigonometry*		3
	ENL 101 College Composition I*		3

Second Block (Spring)

X	Course	Notes	credits
	BIO 182 General Biology II or GLG 102 Introduction to Geology II – Historical Geology		4
	CHM 152 General Chemistry II		4
	ENL 102 College Composition II		3
	MAT 221 Calculus I*		4

Your Education Planner – Use this to keep track of which classes you take each semester

My Tasks:

- I've completed my FAFSA for the year I want to attend
- I've applied for all available scholarships (FTF, NPC Friends and Family, Claude Endfield)
- I've checked the online course schedule and found my classes that I plan to take
- I've registered for my classes – at least 2 weeks before the semester begins
- I've ordered my textbooks if needed
- I'm ready!

Semester _____ Year _____

Dept/Course	Credits	Grade

Semester _____ Year _____

Dept/Course	Credits	Grade

Semester _____ Year _____

Dept/Course	Credits	Grade

Semester _____ Year _____

Dept/Course	Credits	Grade

Key

* = Prerequisite (Speak with your academic advisor or check the notes section for more information.)

Notes: This Academic Plan is a suggestion of how this program can be completed as a full-time student and may need to be adjusted based on the semester you start or your personal circumstances. Students should consult a faculty or academic advisor as they design their individual completion path.

General education options are located in section IV, Programs, of the NPC college catalog. To be sure your general education course applies to your degree, speak with your academic advisor. The online version of the college catalog is located on our public website: <https://www.npc.edu/college-catalog>