Computer Science

Computer Science students follow the Business, Science, Technology, Engineering, and Mathematics (BSTEM) placement pathway.

Placements are generally available 2-3 days after students complete their SWC application. An email with your placements should be in your MySWC email. If not, log-in to your MySWC account and then click on this link, My SWC Placements, to see your specific placements.

The course requirements list the classes needed to complete the program of study.

The placement level indicates your starting point in math or quantitative reasoning for your program of study. Students may use a single math course to fulfill General Education math/quantitative reasoning and major requirements, if applicable.

Individual situations and needs are different. SWC STRONGLY recommends speaking with a counselor about your individual circumstances and goals in education planning.

Course Recommendations

BSTEM 1 Placement Level

Requirements for students in your major:

- MATH 130 Introduction to Computer Programming **or** MATH 250 Analytic Geometry and Calculus I

BSTEM 1 Placement Level - take only one of the following pairings:

- MATH 101* College Algebra with MATH 83* (NC 283**) **or**
- MATH 104* Trigonometry **with** MATH 86* (NC 286**)

NOTE:

You may take MATH 101 and MATH 104 in different semesters. If you successfully complete either MATH 101 or MATH 104 class with support, then you are eligible to take the other class without support.

Completion of MATH 101 or MATH 104 with a C or better allow access to MATH 130.

Completion of MATH 101 and MATH 104 with a C or better allow access to MATH 250.

BSTEM 2 Placement Level

Requirements for students in your major:

- MATH 130 Introduction to Computer Programming or MATH 250 Analytic Geometry and Calculus I

BSTEM 2 Placement Level - take only one of the following pairings:

- MATH 101* College Algebra **with** MATH 83* (NC 283**) **or**
- MATH 104* Trigonometry **with** MATH 86* (NC 286**)

NOTE:

You may take MATH 101 and MATH 104 in different semesters. If you successfully complete either MATH 101 or MATH 104 class with support, then you are eligible to take the other class without support.

Completion of MATH 101 or MATH 104 with a C or better allow access to MATH 130.

Completion of MATH 101 and MATH 104 with a C or better allow access to MATH 250.

BSTEM 3 Placement Level

Requirements for students in your major:

- MATH 130 Introduction to Computer Programming **and** MATH 250 Analytic Geometry and Calculus I

BSTEM 3 Placement Level - take only one of the following pairings::

- MATH 101* College Algebra **with** MATH 83* (NC 283**) **and**
- MATH 104* Trigonometry **with** MATH 86* (NC 286**) **or**
- MATH 250* Analytic Geometry and Calculus I **and** MATH 87* (NC 287**)

NOTE:

You may take MATH 101 and MATH 104 in different semesters. If you successfully complete either MATH 101 or MATH 104 class with support, then you are eligible to take the other class without support.

Completion of MATH 101 or MATH 104 with a C or better allow access to MATH 130.

Completion of MATH 101 and MATH 104 with a C or better allow access to MATH 250.

BSTEM 4 Placement Level

Requirements for students in your major:

- MATH 130 Introduction to Computer Programming **and** MATH 250 Analytic Geometry and Calculus I

BSTEM 4 Placement Level - take only one of the following pairings:

- MATH 101 College Algebra **and** MATH 104 Trigonometry **or**
- MATH 250* Analytic Geometry and Calculus I **and** MATH 87* (NC 287**)

NOTE:
MATH 250 with support is recommended for students who have NOT completed Precalculus and have completed Intermediate Algebra or those who want extra support.

Completion of MATH 101 AND MATH 104 with a C or better allow access to MATH 250.

Computer Science students at this level also need to complete MATH-130. This course can be at the same time or after other math courses.

BSTEM 5 Placement Level

Requirements for students in your major:

- MATH 130 Introduction to Computer Programming **and** MATH 250 Analytic Geometry and Calculus I

BSTEM 5 Placement Level - take either of the following:

- MATH 244 **or** MATH 250* Analytic Geometry and Calculus I **with** MATH 87* (NC 287**) **and/or**
- MATH 130 Introduction to Computer Programming.

NOTE:
MATH 250 with support is recommended for students who have NOT completed Precalculus and have completed Intermediate Algebra or those who want extra support

Completion of MATH 244 with a C or better will allow access to MATH 250.

You may take MATH 130 and MATH 250 in different semesters.

BSTEM 6 Placement Level

Requirements for students in your major:

- MATH 130 Introduction to Computer Programming **and** MATH 250 Analytic Geometry and Calculus I

BSTEM 6 Placement Level:

- MATH 130 Introduction to Computer Programming **and/or**
- MATH 250 Analytic Geometry and Calculus I

NOTE:
You may take MATH 130 and MATH 250 in different semesters.

BSTEM 7 Placement Level

Requirements for students in your major:

- MATH 130 Introduction to Computer Programming **and** MATH 250 Analytic Geometry and Calculus I

BSTEM 7 Placement Level:

- MATH 130 Introduction to Computer Programming **and/or**
- MATH 250 Analytic Geometry and Calculus I

NOTE:
You may take MATH 130 and MATH 250 in different semesters.

Endnotes

* MATH 81-87 are support courses. Look for paired sections with an S in the schedule, e.g. MATH 110-S01 and MATH 82-S01.

** Noncredit (NC) MATH co-requisite support courses are equivalent to credit co-requisite support courses. The benefits of the courses include no tuition and not appearing on your credit transcript.