

Major Academic Plan (MAP) for Catalog Year 2026-2027

The catalog is the final authority on CATC and major requirements; this is intended as a tool for planning purposes. Student course sequencing may vary depending on course offerings and other variables.

<p>Fall Semester 1</p> <p>CSCI 235 Programming I: Problem Solving^{1,3} MATH 235 Calculus I*¹ or CSCI 243 Discrete Mathematics & Functional Programming¹</p> <p><i>CORE 101: First Year Seminar</i> <i>CORE 131: H. Human Flourishing (1)</i> <i>First Year CATC options-</i></p> <ul style="list-style-type: none"> ▪ <i>COMM 101: Oral Comm (2)</i> ▪ <i>ENGW 103: First-Year Writing</i> ▪ <i>Language Core Competency or Thematic Core Course</i> 	<p>Spring Semester 1</p> <p>CSCI 245 Programming II: Object-Oriented Design* CSCI 243 Discrete Mathematics & Functional Programming¹, if not complete</p> <p><i>First Year CATC Options</i> <i>Language Core Competency</i> <i>BITH 211/ARCH 211: Old Testament</i></p>	<p>Summer 1</p> <p>Consider study abroad, internship, or research options – Wheaton-In summer program, WIN (Honey Rock), Wheaton in the Black Hills, non-major internship, or summer research</p>
<p>Fall Semester 2</p> <p>CSCI 351 Introduction to Computer Systems^{F*} MATH 245 Linear Algebra*</p> <p><i>Thematic Core or Core Competency Courses (4-8)</i> <i>BITH 213/ARCH 213: New Testament</i></p>	<p>Spring Semester 2</p> <p>CSCI 335 Software Development^{S*} CSCI 345 Data Structures & Algorithms^{S*}</p> <p><i>Thematic Core Course</i> <i>BITH 315: Christian Thought*</i> <i>Advanced Integrative Seminar? *</i></p>	<p>Summer 2</p> <p>Consider study abroad, internship, or research options</p>
<p>Fall Semester 3</p> <p>CSCI elective² PHYS 231*¹ or MATH 236 or above</p> <p>Consider semester off campus or abroad – GPS <i>Advanced Integrative Seminar? *</i></p>	<p>Spring Semester 3</p> <p>CSCI elective²</p> <p><i>Thematic Core (4-8)</i> <i>Advanced Integrative Seminar? *</i></p>	<p>Summer 3</p> <p>Consider study abroad, internship, or research options</p>
<p>Fall Semester 4</p> <p>CSCI elective²</p> <p><i>Complete CATC Coursework</i></p>	<p>Spring Semester 4</p> <p>CSCI 494 Social & Ethical Issues (capstone)*</p> <p><i>Complete CATC Coursework</i></p>	<p>Summer 4</p>

Notes or Special Guidance for Majors:

*Course has a prerequisite

^F Fall only course

^S Spring only course

[#] Offered every other year

¹ Computer Science courses that meet CATC tags (with a maximum of 3 themes counting for Christ at the Core Thematic Core from the major): CSCI 235 (AAQR), CSCI 243 (AAQR), MATH 231 (AAQR), PHYS 231 (SP)

² Select 12 additional credits of Computer Science electives above 300, excluding CSCI 493 Mentoring Seminar, CSCI 495 Independent Study, & CSCI 496 Internship. Note: CSCI elective courses are on a two-year rotation.

³ Appropriate substitutions for students placed out of CSCI 235 are:

- 4 hours of computer science above 300 (excluding CSCI 496 Internship).
- MATH numbered MATH 200 or above, or
- PHYS 232

See the program website for [more information](#) about the Computer Science curriculum and the sequencing of courses.