



Pre-Approved Prerequisite Courses

The following is a list of pre-approved **online** options that will meet the required prerequisites for admission to the Master of Science Cybersecurity program.

Note: This is not an all-inclusive list. If you have the courses available to you at your local community college or university, those can be considered. Highlighted courses indicate recommended.

Introduction to Computer Science Prerequisite Options

INFOST350x – Introduction to Application Development

- Offered through: UW Flexible Option Information Science & Technology (UW-Milwaukee)
- Prerequisite: none
- Semester availability: monthly start dates

APC 300 – Programming 1

- Offered through: UW Applied Computing
- Prerequisite: none
- Semester availability: Fall, Spring, Summer

UWX CS130 Introduction to Programming

- Offered through: UW Extended Campus Associate of Arts and Sciences
- Prerequisite: UWX MA116 or equivalent
- Semester availability: Spring, Summer, Fall

COMPSCI 250 - Introductory Computer Programming

- Offered through: UW-Milwaukee
- Prerequisite: Math Placement Level 30
- Semester availability: Fall, Summer

CSCI 130 – Introduction to Programming

- Offered through: UW-Parkside
- Prerequisite: MATH 111
- Semester availability: Fall, Spring, Summer

CS 141 – Introduction to Programming

- Offered through: UW-Stout
- Prerequisite: none
- Semester availability: Fall

Math Prerequisite Options: Choose a Calculus Course or a Statistics Course

U3600-114 – Calculus 1

- Offered through: UW Independent Learning
- Prerequisite: Completion of a college-level pre-calculus mathematics course with a C or better or the equivalent, or completion of U3600-109 Algebra for Calculus or similar college algebra course and a trigonometry course with a C or better or the equivalent, or four-years of above-average work in college-prep mathematics, including one semester of trigonometry.
- **This course is not structured by semester and has ongoing student registration.**

UWX MA221 Calculus 1

- Offered through: UW Extended Campus Associate of Arts and Sciences
- Semester availability: Spring, Summer
- Prerequisite: Grade C or better in UWX MA116 and UWX MA113 or placement into UWX MA221

MATH 114 Calculus 1

- Offered through: UW-Eau Claire
- Prerequisite: MATH 109 and MATH 113, or MATH 112, or four years of above-average work in college-prep mathematics, including one semester of trigonometry and a suitable mathematics placement test score.
- Semester availability: Summer

MATH 221 Calculus

- Offered through: UW-Madison
- Prerequisite: MATH 112 or 114 or placement into MATH 211
- Semester availability: Spring, Summer

MATH 153 Calculus 1

- Offered through: UW-Stout
- Prerequisite: Math placement score or MATH-121 required. Not open to students with credit in MATH-154, MATH-156, MATH-157, or MATH-158.
- Semester availability: Summer

MATH 166 Calculus 1

- Offered through: UW-River Falls
- Prerequisite: MATH 147, or 149, or four years of above-average work in college-prep mathematics, including one semester of trigonometry and a suitable mathematics placement test score.
- Semester availability: Summer

MATH 111 Applied Calculus

- Offered through: UW-Steven's Point
- Prerequisites: MATH 100 or MATH 107, or suitable placement test score.

- Semester availability: Fall, Spring, Summer

U3600-246 - Elementary Statistics

- Offered through: UW Independent Learning
- Prerequisite: Completion of an introductory-level Algebra course or U3600-110 College Algebra with a C or better or the equivalent.
- **This course is not structured by semester and has ongoing student registration.**

UWX MA117 Elementary Statistics

- Offered through: UW Extended Campus Associate of Arts and Sciences
- Prerequisite: Grade of C or better in UWX MA093 or UWX MA108 or placement into UWX MA116
- Semester availability: Fall, Spring

U296-241 – Business Statistics

- Offered through: UW Independent Learning
- Prerequisite: Math 104, 106, 108, 204, 206, or 171 with a grade of C or better, OR qualified to enroll in Math 106 or 171. Not open to students who have completed Economics 472 or 473.
- **This course is not structured by semester and has ongoing student registration.**

MATH 246 Elementary Statistics

- Offered through: UW-Eau Claire
- Prerequisite: Grade of C or above in MATH 20, or 2 years of college-prep algebra + suitable math placement score, or concurrent enrollment in MATH 50 + suitable placement score, or grade of C or above in MATH 50.
- Semester availability: Summer

MATH 260 Introductory Statistics

- Offered through: UW-Green Bay
- Prerequisite: MATH 101 with at least a C, or WPT-MFND score > 465 and WPT-AALG score > 525
- Semester availability: Fall, Spring

CGS MAT 215 Elementary Statistical Analysis

- Offered through: UW-Milwaukee
- Prerequisite: Math Placement Level 30 or higher, or a grade of C or better in CGS MAT 102, CGS MAT 103, CGS MAT 105, CGS MAT 108, CGS MAT 115, or CGS MAT 116.
- Semester availability: Spring, Summer

MATH 1830 Elementary Statistics

- Offered through: UW-Platteville
- Prerequisite: MATH 10 or MATH 12 or MATH 15 with a C- or better or mathematics proficiency level of 10 or above
- Semester availability: Summer

MATH 216 Elementary Statistical Concepts

- Offered through: UW-River Falls
- Prerequisite: WPT Math Formula score of 40+, ACT Math Score 20+, or Math 30. Cannot be taken after receiving a C- or better in another statistics course.
- Semester availability: Summer

MATH 226 Fundamentals of Statistics

- Offered through: UW-River Falls
- Prerequisite: MATH 146 or equivalent. Cannot be taken after receiving a C- or better in a more advanced statistics course.
- Semester availability: Summer

MATH 130 Elementary Statistics

- Offered through: UW-Superior
- Prerequisite: Adequate math placement score or completion of MATH 095 with a C- or better.
- Semester availability: Fall, Spring, Summer

MATH 225 Elementary Statistical Methods

- Offered through: UW-Stevens Point
- Prerequisite: MATH 95 or suitable placement test score.
- Semester availability: Spring, Summer

MATH 109 Elementary Statistics

- Offered through: UW-Oshkosh
- Prerequisite: Mathematics 103 with a grade of C or better or placement.
- Semester availability: Fall, Spring