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.

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**Introduction to Computer Science Prerequisite Options**

**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