APPLIED COMPUTING, BS

The B.S. in Applied Computing is a fully online 21-course, 61-credit undergraduate program.

As technology continues to expand into every field and industry, from the environment to education to politics, the market for skilled hands-on technicians grows increasingly competitive. The Bachelor of Science in Applied Computing was designed to produce graduates who can perform programming, software engineering, graphic applications, networking, and operating systems management in a variety of environments, while at the same time promoting power skills such as business communications, ethics, and project management.

The applied nature of the degree implies that graduates will have the competencies to solve real-world business problems through the application of technology. Its curriculum puts a deeper focus on fundamental computer science, software engineering, tech security issues, computing solutions for business problems, and data management. A poll of industry representatives indicates that they see a skills gap in computer and information technology related positions which the multidisciplinary focus of this degree would fill.

Accreditation

The UW Bachelor of Science in Applied Computing program is approved by the University of Wisconsin Board of Regents and approved by the Higher Learning Commission (http://www.ncahlc.org/).

Admissions Process and Requirements

A successful applicant will have:

- A minimum combined grade point average of 2.0 for college credits taken;
- About 60 transferable college credits or an associate degree from an accredited university;
- prerequisite work in college algebra;
- completed online application for undergraduate study; and
- transcripts sent directly from previous institutions to UWM.

Tuition, Fees, and Financial Aid

Tuition is $495 per credit or $30,195 total for 61 credits. Textbooks are purchased separately and are not included in tuition. Students who take at least six credits each term may be eligible for financial assistance.

General Education Requirements (GERs)

UW-Milwaukee has General Education Requirements (https://catalog.uwm.edu/policies/undergraduate-policies/#generaleducationtext) that must be met in order to earn a bachelor's degree. Please review the requirements and consult with your academic advisor.

Program Requirements

Code	Title	Credits
APC 300	Programming 1	3
APC 310	Math for Computer Science	3
APC 320	Introduction to Business	3
APC 330	Technical and Professional Communication	3
APC 340	Legal and Ethical Responsibilities of the IT Professional	3
APC 350	Programming 2	3
APC 360	Database Management 1	3
APC 370	System Analysis and Design	3
APC 380	Project Management Techniques	3
APC 390	Object Oriented Programming	3
APC 400	Applied Communication Networks	3
APC 410	Database Management 2	3
APC 420	Computer Security 1	3
APC 430	Applied Data Structures and Algorithms	3
APC 440	Web Development	3
APC 450	Operating Systems Theory and Practice	3
APC 460	Software Engineering	3
APC 470	IS Strategy and Management	3
APC 480	Computer Security 2	3
APC 490	Capstone Project Preparation	1
APC 495	Capstone Project	3
Total Credits		**61**

College of Engineering and Applied Science Dean's Honor List

GPA of 3.500 or above, earned on a full-time student's GPA on 12 or more graded credits in a given semester.

Honors College Degree and Honors College Degree with Distinction

Granted to graduating seniors who complete Honors College requirements, as listed in the Honors College (https://catalog.uwm.edu/honors-college/) section of this site.

Commencement Honors

Students with a cumulative GPA of 3.500 or above, based on a minimum of 40 graded UWM credits earned prior to the final semester, will receive all-university commencement honors and be awarded the traditional gold cord at the December or May Honors Convocation. Please note that for honors calculation, the GPA is **not** rounded and is truncated at the third decimal (e.g., 3.499).

Final Honors

Earned on a minimum of 60 graded UWM credits: Cum Laude - 3.500 or above; Magna Cum Laude - 3.650 or above; Summa Cum Laude - 3.800 or above.

Contact Information