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.ncuhlc.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.

Requirements

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>APC 300</td>
<td>Programming 1</td>
<td>3</td>
</tr>
<tr>
<td>APC 310</td>
<td>Math for Computer Science</td>
<td>3</td>
</tr>
<tr>
<td>APC 320</td>
<td>Introduction to Business</td>
<td>3</td>
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<tr>
<td>APC 330</td>
<td>Technical and Professional Communication</td>
<td>3</td>
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<tr>
<td>APC 340</td>
<td>Legal and Ethical Responsibilities of the IT Professional</td>
<td>3</td>
</tr>
<tr>
<td>APC 350</td>
<td>Programming 2</td>
<td>3</td>
</tr>
<tr>
<td>APC 360</td>
<td>Database Management 1</td>
<td>3</td>
</tr>
<tr>
<td>APC 370</td>
<td>System Analysis and Design</td>
<td>3</td>
</tr>
<tr>
<td>APC 380</td>
<td>Project Management Techniques</td>
<td>3</td>
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Outcomes and Objectives
Students completing the B.S. in Applied Computing will leave the program as professionals with the following established competencies:

- Demonstrate a solid foundation in core computer science
- Demonstrate a solid foundation in software engineering practices
- Recognize and address security issues
- Implement a computing solution for a business problem
- Demonstrate effective oral and written communication skills
- Demonstrate a solid foundation in data management

Honors in the 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 Degree and Honors Degree with Thesis
Granted to graduating seniors who complete Honors College requirements, as listed in the Honors College (http://catalog.uwm.edu/opportunities-resources/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
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