



University of Maryland University College

Undergraduate Certificate in Computer Studies

Campus: Asia/Europe On-site and Online

<p>Degree Objective - This certificate in computer studies provides students with an introduction to skills and knowledge within the area of computer studies. The credits earned toward a certificate are applicable toward UMUC associate's and bachelor's degrees. www.ed.umuc.edu/undergrad/certificates/computer_studies_certificate.html</p>	<p>Portable Jobs and Careers - This certificate can assist in obtaining portable jobs in many fields, such as Computer support specialist: Provide technical assistance to computer system users. Answer questions or resolve computer problems for clients in person, via telephone, or from a remote location. May provide assistance concerning the use of computer hardware and software, including printing, installation, word processing, electronic mail, and operating systems.</p>
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Academic Residency - At least 9 credits must be taken with UMUC.

CERTIFICATE REQUIREMENTS	Credits Required	Credits Completed
Core Courses (Total of 6 credits)		
CMIS 102 Introduction to Problem Solving and Algorithm Design (3)	3	
IFSM 201 Concepts and Applications of Information Technology (3)	3	
Additional Computer-Related Courses (Total of 12 credits from any of the following courses)		
CMIS 141 Introductory Programming (3)	12	
CMIS 170 Introduction to XML (3)		
CMIS 242 Intermediate Programming (3)		
CMST 100 Various Topics (1 credit each up to a maximum of 6 credits)		
CMST 103 Application Software (duplicates CMST 100B, F, G)		
Any UL CMIS Any upper-level (300-400) CMIS course		
Any UL IFSM Any upper-level (300-400) IFSM course		
Any UL CMST Any upper-level (300-400) CMST course		
Total Credits	18	

- Notes:
- * Degree-seeking students must complete LIBS 150 (or present its equivalent in transfer) during the first 18 credits of enrollment.
 - * The classes listed may need to be taken in order, as indicated. Consult your catalog or an advisor for clarification.
 - * Some courses listed may require prerequisites or placement tests.
 - * This certification may be completed while pursuing an associate's or bachelor's degree.

Last Revised: 22 July 2011