



University of Maryland University College

Undergraduate Certificate in Mathematics

Campus: Asia/Europe On-site and Online

Degree Objective - This certificate in mathematics provides students with an introductory program to the study of any of the quantitative disciplines. This certificate is not a terminal program for students who wish to continue working toward associate's or bachelor's degrees.
www.ed.umuc.edu/undergrad/certificates/certificate_in_mathematics.html

Portable Jobs and Careers - This certificate can assist in obtaining portable jobs in many fields:
 Aerospace as an aircraft flight engineer and engineering technician, business, finance, and administration as an actuary, applied mathematician, statistician, cost estimator, and tax preparer; education as an instructor/teacher; health and human services in research, or in any field which requires the ability to reason carefully and express oneself clearly.

Academic Residency - At least 9 credits must be taken with UMUC.

CERTIFICATE REQUIREMENTS	Credits Required	Credits Completed
Core Courses (Total of 6 credits)		
MATH 108 Trigonometry and Analytic Geometry (3)	3	
MATH 130 Calculus A (3)	3	
MATH 131 Calculus B (3)	3	
MATH 132 Calculus C (3)	3	
Additional Required Courses (Total of 6-8 credits from any of the following courses)		
MATH 240 Introduction to Linear Algebra (4)	6-8	
MATH 241 Calculus III (4)		
MATH 246 Differential Equations (3)		
STAT 200 Introduction to Statistics (3)		
Total Credits	18-20	

- Notes:
- * Possible prerequisite needed: MATH 107.
 - * 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