



# UMBC

Certificate Programs  
Effective February 2008

Department of Economics, Accounting Program

## Pre-Professional Studies in Accounting (52 credits)

The growth in public, private, non-profit and governmental accounting activities and the effects of the Sarbanes-Oxley Act and other legislation are driving demand for accountants and auditors in all sectors. The objective of this program is to provide students the course entry requirements to sit for the CPA exam in Maryland or to enter an MS in Accounting or MS in Taxation program.

While open to all majors, the target audience is the FIEC, ECON, IS or BTA major who is also interested in the accounting and auditing field. The combination of financial and economic knowledge and accounting and auditing skills will provide the student a competitive advantage in this growing field upon their graduation. This certificate is only available to UMBC students pursuing an existing major.

Courses required to complete the certificate include:

	Taken	Grade	Planned
<b>Accounting courses (27 credits)</b>			
ECON 121 Principles of Accounting I	_____	_____	_____
ECON 122 Principles of Accounting II	_____	_____	_____
ECON 301 Intermediate Accounting I	_____	_____	_____
ECON 302 Intermediate Accounting II	_____	_____	_____
ECAC 321 Auditing Theory and Practice	_____	_____	_____
ECAC 329 Cost Accounting	_____	_____	_____
ECAC 330 Taxation	_____	_____	_____
ECAC 401 Advanced Accounting	_____	_____	_____
<i>And one elective of the following:</i>			
ECAC 317 Accounting Information Systems	_____	_____	_____
ECAC 351 Advanced Cost Accounting	_____	_____	_____
ECAC 420 Information Systems Auditing	_____	_____	_____
<b>Business Related Subjects (22 credits)</b>			
ECON 101 Principles of Microeconomics	_____	_____	_____
ECON 102 Principles of Macroeconomics	_____	_____	_____
ECON 374 Fundamentals of Financial Man.	_____	_____	_____
STAT 351 Applied Statistics for Business/Econ or STAT 355 Intro to Probability and Statistics	_____	_____	_____
ECAD 210 Practice of Management or ECAD 489 Seminar in Management and Admin	_____	_____	_____
ECAD 360 Business Law	_____	_____	_____
<i>And one elective of the following:</i>			
ECON 320 Elements of Quantitative Methods	_____	_____	_____
ECON 408 Managerial Economics	_____	_____	_____
ECON 471 Money and Capital Markets	_____	_____	_____
ECON 482 International Finance	_____	_____	_____
ECAD 425 Marketing	_____	_____	_____
ECAD 489 Seminar in Management and Admin (not used above)	_____	_____	_____
IS 325 Management Science	_____	_____	_____
TRANS Business Communication (if transferred in)	_____	_____	_____
<b>And one required Ethics Course (3 credits)</b>			
ECAD 385 Business Ethics, or PHIL 399B Business Ethics, or PHIL 350 Ethical Theory	_____	_____	_____

**Note:** The requirements to sit for the CPA exam in Maryland (and most states) include specific coursework and a total of 150 semester hours of coursework. Students needing additional credits toward the 150 semester hours have a number of options that will enhance their career opportunities. These include additional certificates such as the Auditing for Information Systems Certificate and the Management Science Certificate, or additional coursework that would be beneficial to sitting for the CPA exam such as Advanced Taxation, Accounting Theory, Government and Not-for-Profit Accounting, and Advanced Auditing. Additionally, students may want to pursue a Masters degree in Accounting, Taxation, or a related field.