

UMBC UGC Change in Existing Course: ECON 320 – Elements of Quantitative Methods for Management

Date Submitted: 8/30/2016

Proposed Effective Date: Immediate

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COURSE INFORMATION: (please provide all information in the “current” column, and only the information changing in the “proposed” column)

change		current	proposed
<input type="checkbox"/>	Course Number(s)	ECON 320	
<input checked="" type="checkbox"/>	Formal Title	Elements of Quantitative Methods for Management	Quantitative Methods for Management
<input type="checkbox"/>	Transcript Title (≤30c)		
<input type="checkbox"/>	Recommended Course Preparation		
<input checked="" type="checkbox"/>	Prerequisite NOTE: Unless otherwise indicated, a prerequisite is assumed to be passed with a “D” or better.	You must have completed ECON 101, and either STAT 121, or STAT 350, or STAT 351, or STAT 355, or a 400-level STAT course with a grade of “C” or better before taking this class.	ECON 101 AND (STAT 121 OR STAT 350 OR STAT 351 OR STAT 355 OR STAT 453 OR CMPE 320), both with a “C” or better.
<input type="checkbox"/>	Credits	3	
<input type="checkbox"/>	Repeatable?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/>	Max. Total Credits	3	Max. Total Credits: This should be equal to the number of credits for courses that cannot be repeated for credit. For courses that may be repeated for credit, enter the maximum total number of credits a student can receive from this course. E.g., enter 6 credits for a 3 credit course that may be taken a second time for credit, but not for a third time. Please note that this does NOT refer to how many times a class may be retaken for a higher grade.
<input type="checkbox"/>	Grading Method(s)	<input checked="" type="checkbox"/> Reg (A-F) <input type="checkbox"/> Audit <input type="checkbox"/> Pass-Fail	<input type="checkbox"/> Reg (A-F) <input type="checkbox"/> Audit <input type="checkbox"/> Pass-Fail

CURRENT CATALOG DESCRIPTION:

This course is designed to teach selected topics in mathematics, statistics and models of decision-making to economics and administrative sciences students interested in improving their ability to learn techniques of modern management.

PROPOSED CATALOG DESCRIPTION (no longer than 75 words): leave blank if no changes are being proposed to the catalog description. NOTE: information about prerequisites should NOT appear in the catalog description.)

This course is designed to teach selected topics in mathematics, statistics and models of decision-making to students interested in improving their ability to learn the quantitative methods applied to problems in economics, finance, and business. Applications and use of computer software for problem-solving are emphasized.

RATIONALE FOR CHANGE:

The course name change is intended to shorten the name. The change in prerequisites incorporates a broader range of courses that are adequate preparation in statistics. The description change highlights the use of computer software and applications.