

UMBC UGC Program Changes & Other Request: Information Systems, B.S.

Date Submitted: August 24, 2020

Proposed Effective Date: Spring 2021

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Specifics (see instructions):

Information Systems

- IS 300 – Management Information Systems
- IS 310 – Software and Hardware Concepts
- IS 410 – Introduction to Database Design
- IS 420 – Database Application Development
- IS 425 – Decision Support Systems
- IS 436 – Structured Systems Analysis & Design
- IS 450 – Data Communications and Networks
- IS 451 – Network Design and Management
- IS 3xx or 4xx – Upper Level IS Elective
(Students may not use IS 397, IS 399, IS 400, IS 467, IS 469, IS 478, IS 479, or any course being used to satisfy an IS certificate requirement.)

Mathematics and Computer Science

- MATH 155 – Applied Calculus
- MATH 215 – Finite Mathematics for Information Sciences
- STAT 351 – Applied Statistics for Business and Economics
- IS 147 – Introduction to Computer Programming or
 - CMSC 201 – Computer Science I for Majors
- IS 247 – Computer Programming II or
 - CMSC 202 – Computer Science II for Major
- One additional approved programming course (**See your IS advisor for further information**)

Administrative Science

- MGMT 210 – The Practice of Management
- ECON 101 – Principles of Microeconomics (SS)
- ECON 102 – Principles of Macroeconomics (SS)
- ECON 121 – Principles of Accounting I
- ECON 122 – Principles of Accounting II
- ENGL 393 – Technical Communication

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- ENGL 393 – Technical Communication or
 - IS 369 - Research Seminar: Writings in Information Systems

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Rationale (see instructions):

IS369 – Research Seminar: Writings in Information Systems is a course we have offered for several years. The course is a writing intensive course that is tailored for the research writing in the fields related to IS. It is appropriate for our majors to take this course to meet the writing intensive requirement. Therefore, we would like to allow students to have the option of taking ENGL393 or IS369 to meet the writing intensive requirement for the IS Major. No changes are being made to the number of credits in the majors.