

### GENERAL EDUCATION REQUIREMENTS

- IT 101 Information Technology
- EXP \_\_\_\_\_ Expository Writing I<sup>1</sup>
- EXP \_\_\_\_\_ Expository Writing II<sup>1</sup>
- \_\_\_\_\_ Literature/Cinema/EMS<sup>2</sup>
- MA \_\_\_\_\_ Mathematical Science I<sup>3</sup>
- MA \_\_\_\_\_ Mathematical Science II<sup>3</sup>
- NASC \_\_\_\_\_ Natural Science (4cr)
- \_\_\_\_\_ Global Studies: GLS 100, 101, 102, 105, or 116
- HI \_\_\_\_\_ History
- PH 101 Problems of Philosophy
- PS/SO \_\_\_\_\_ Behavioral Science
- EC 111 Principles of Microeconomics
- EC 112 Principles of Macroeconomics
- FS 111 First Year Seminar (1cr)

### BUSINESS CORE REQUIREMENTS

- GB 110 Legal and Ethical Environment of Business
- GB 112 Tools & Concepts in Accounting & Finance
- GB 212 Practice & Applications in Accounting & Finance
- GB 213 Business Statistics
- GB 214 Marketing-Operations Fundamentals
- GB 215 Human Behavior and Organizations
- GB 310 Business Processes and Systems
- GB 320 General Business Field Project
- GB 410 Global Strategy

Office Notes:

**IMPORTANT NOTICE!** Students are responsible for understanding all university policies, procedures and requirements. Such information can be found in the Undergraduate Course Catalogue, Registrar's website, and the Student Handbook. Please be aware that overall and major averages must be at least 2.000 for graduation. This information is to help the student in monitoring progress toward the degree. Responsibility for meeting all degree requirements rests with the student.

### MAJOR REQUIREMENTS

- CS 150 Introduction to Data & Information Management
- CS 180 Programming Fundamentals
- CS 240 Business Processing & Comm. Infrastructure
- CS 350 Database Management Systems
- CS 360 Business System Analysis & Modeling
- CS \_\_\_\_\_ Computer Information Systems Elective<sup>4</sup>
- CS \_\_\_\_\_ Computer Information Systems Elective<sup>4</sup>
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### ELECTIVES<sup>5, 6</sup>

- MA \_\_\_\_\_ Math Elective
- \_\_\_\_\_ Humanities/Social Science Elective
- \_\_\_\_\_ Business Related Elective
- \_\_\_\_\_ Arts & Science Elective
- \_\_\_\_\_ Arts & Science Elective
- \_\_\_\_\_ Arts & Science Elective
- \_\_\_\_\_ Arts & Science Elective
- \_\_\_\_\_ Unrestricted Elective
- \_\_\_\_\_ Unrestricted Elective

### COURSE FOCUS REQUIREMENTS

- U.S. Diversity Intensive (D)
- International Intensive (I)
- Communication Intensive (C)
- Communication Intensive/Major (CS 360)

Approved Minor in \_\_\_\_\_

**Total credits required 122**

**Note: Transfer students with at least 15 credits in transfer will complete 121 credits.**

**All courses are 3 credits unless otherwise indicated.**

1. Placement in this course is determined by the English and Media Studies department.
2. Requirement may be fulfilled with any LIT/CIN/EMS or MLCH 402, MLFR 304, MLIT 304, MLSP 301, 404, or 405.
3. The Math sequence consists of either MA 123 & MA 126 or MA 131 & MA 139, depending upon departmental placement.
4. Any 3-credit CIS course, not otherwise required, can fulfill the CIS elective requirement except CS 213. Major electives should be selected in consultation with a faculty mentor. Any substitutions for these major requirements require the permission of the chairperson.
5. CIS majors are required to take a MA elective, which can be fulfilled by a MA course numbered 200 or higher which does not duplicate material presented in any previously taken course.
6. Elective guidelines are available on the Registrar's website. An optional 12-credit minor can fulfill the applicable elective requirements.

## Computer Information Systems

### Required Courses

1. CS 150 Introduction Data and Information Management
2. CS 180 Programming Fundamentals
3. CS 240 Business Processing and Communication Infrastructure
4. CS 350 Database Management Systems
5. CS 360 Business Systems Analysis and Modeling
6. CS Elective (see below)
7. CS Elective (see below)
8. CS Elective (see below)

### Computer Information Systems major prerequisite structure:

Courses	Prerequisites
CS 150	IT 101
CS 180	IT 101
CS 240	IT 101
CS 350	CS 150
CS 360	CS 150
CS Elective	vary by course
CS Elective	vary by course
CS Elective	vary by course

- Students who have already started the CIS major are strongly encouraged to meet with a faculty mentor to develop an academic plan for course planning.
- Students who are interested in CIS and/or cannot rule out CIS as a potential major are encouraged to start their CIS courses (150 and/or 180) in their sophomore year. If they decide that CIS is not for them, these courses will count as arts and science electives.
- Electives can be chosen from any CS course except CS 213. Refer to the registration book for any other exceptions.
- Qualified students are highly encouraged to include an internship in their course sequence to provide on-the-job experience prior to graduation.