

**UNHM  
BACHELOR OF SCIENCE  
COMPUTER INFORMATION SYSTEMS  
(128 Credits)**

**For Students Entering  
September 2010**

Name: \_\_\_\_\_ Advisor \_\_\_\_\_

General Education	Course Title/#	Source	Date	Cr.	Grade
<b>GROUP 1</b> Writing Skills*					
<b>GROUP 2</b> Quantitative Reasoning*					
<b>GROUP 3</b> Three courses-Biological Sciences, Physical Sciences, Technology. (No more than 2 courses from one area) Proficiency in computer technology basics and use of office applications is expected. Students without this background are required to take CIS 411 to fulfill a Group 3 General Education requirement.					
<b>GROUP 4</b> Historical Perspectives					
<b>GROUP 5</b> Foreign Culture					
<b>GROUP 6</b> Fine Arts					
<b>GROUP 7</b> Social Science					
<b>GROUP 8</b> Works of Philosophy, Literature & Ideas					

**Writing Intensive requirement**

Course Title/#

ENGL 401 \_\_\_\_\_  
 WI course in major \_\_\_\_\_  
 600/700-level WI course \_\_\_\_\_  
 other WI course \_\_\_\_\_

All undergraduates are required to complete four "writing-intensive" courses, which must include English 401 (First-Year Writing) and three additional "writing-intensive" courses, one of which must be in the student's major and one must be at the 600-level or above.

A student may take a 600/700-level WI course in the major but must still have a total of 4 WI courses.

\* Must be taken within the first 32 credits.

## Computer Information Systems Major Requirements

Each required course must be completed with a minimum grade of C-. Students must attain a minimum GPA of 2.0 in major courses required for graduation. Transfer students must complete at least 24 credits of CIS courses at UNHM.

### Math and Technology General Education Requirements

Course #	Title	Source	Date	Cr.	Grade
MATH 420 or MATH 424 or MATH 425 (may be used to fill a QR requirement)					
Proficiency in computer technology basics and use of office applications is expected. Students without this background are required to take CIS411 (may be used to fill an ETS requirement).					

### Introductory Core – 4 courses (16 credits)

Course #	Course Title	Source	Date	Cr.	Grade
CIS 405 (may be used to fill an ETS requirement)	Introduction to Internet and Web Authoring				
CIS 425	Introduction to Computer Programming				
CIS 510W	Fundamentals of Computer Information Systems				
CIS 542	Operating Systems Applications				

### Intermediate Core – 4 courses (16 credits)

CIS 505	Intermediate Web Authoring				
CIS 520	Database Design and Development				
CIS 550	Networking Concepts				
CIS 560W	Computer Law and Ethics				

### Integrative and Professional Experience – 5 courses (16 credits)

CIS 610W	System Analysis and Design				
CIS 615	Information Security				
CIS 685	Professional Development Seminar (1 cr)				
CIS 690	Internship Experience (3 cr)				
CIS 790	Capstone Project				



