UNIVERSITY OF SAINT MARY FOUR-YEAR ACADEMIC PLAN

HEALTHCARE INFORMATICS

This four-year plan is valid according to the USM Undergraduate Catalog and is subject to change. This guide is merely a recommendation. Your actual program may vary. Other factors may impact your time to degree and course sequencing. See the current USM Undergraduate Catalog at **http://www.stmary.edu/catalog** for more information, including USM academic policies, curriculum, pre-requisites, and course information.

Healthcare Informatics — Four-Year Degree Completion Plan

The Department of Information Systems & Technology seeks to 1) provide an understanding and appreciation of the ways in which information technology affects society as a whole in conjunction with business, education, non-profit organizations, and government; 2) develop the basic understandings, knowledge, skills, and attributes needed by managers and/or professionals in a technology related environment; 3) provide technology students with the business background and competencies to pursue information technology related opportunities; 4) provide students the skill sets needed for handling information technology issues and requirements; 5) assist students in the development of information technology career oriented skills; 6) provide business, accounting, and information technology education in a total college environment, respectful of the importance of general education essential in a rapidly changing society and world; 7) encourage the growth of comprehensive Christian ethics as integrated in all information technology activities, and 8) encourage critical thinking skills as the student develops his/her study and communication skills in the areas of ethics, change, and leadership.

The information technology major requires 51 credit hours — 36 credits of core courses and 15 credits of non-core classes.

Freshman Year (30 Credits)			
Fall (15 credits)		**Spring (15 credits)**	
EN111 English Comp I	3 credits	EN 112 English Comp II	3 credits
IT120 Intro to MIS	3 credits	HC210 Tech. and Decision Making	3 credits
BI109 Biology for Today	3 credits	General Education	6 credits
First Year Experience	3 credits	First Year Experience	3 credits
General Education	3 credits		

Sophomore Year (36 Credits)			
Fall (18 credits)		**Spring (18 credits)**	
HC250 Healthcare Technologies	3 credits	HC320 Informatics for Healthcare Prof	3 credits
MA330 Introductory Statistics	3 credits	EC232 Principles of Microeconomics	3 credits
MGT231 Principles of Management	3 credits	General Education	12 credits
General Education	9 credits		

Junior Year (30 Credits)			
Fall (15 credits)		**Spring (15 credits)**	
IT560 Rel. Database Design & Dev.	3 credits	HC410 Healthcare Information Sys.	3 credits
PH442 Bio Ethics	3 credits	IT Elective	3 credits
Electives	9 credits	Electives	9 credits

Senior Year (32 Credits)			
Fall (16 credits)		**Spring (16 credits)**	
ITAC462 Acct and Info Systems	3 credits	IT591 Senior Seminar	3 credits
IT Elective	3 credits	HC 501 Internship	3 credits
Electives	10 credits	Electives	10 credits

Healthcare Informatics Electives Available:			
Healthcare Terminology	3 credits	Healthcare Security	3 credits
Healthcare Coding	3 credits	Healthcare Internship	3 credits
Healthcare Administration	3 credits	Special Topics in Healthcare	3 credits