

University of Southern Mississippi  
College of Science and Technology  
**Pre-Health Informatics and Information Management Curriculum**

The “pre-health informatics & information management curriculum” is *a list of courses that are required for admission to professional school. It is NOT an academic major, a minor, or an emphasis area.*

The following two-year **Recommended Course Sequence** meets only the minimal requirements for admission to the *two-year professional program* within the **School of Health Related Professions at the University of Mississippi Medical Center** in Jackson.

Link to UMMC SHRP: <http://shrp.umc.edu/index.html>

Link to Health Informatics and Information Management: <http://shrp.umc.edu/HIM/index.html>

Following satisfactory completion of all requirements for this professional program, students will be awarded the *Bachelor of Science in Health Information Management from the University of Mississippi.*

*Students must consult the specific admission requirements and application deadlines for the school(s) to which they plan to apply, including UMMC.*

- anatomy and physiology with laboratories (8 hours)
- college algebra or higher math (3 hours)
- English composition (6 hours)
- speech (3 hours)
- humanities (6 hours) and fine arts (3 hours)
- social/behavioral sciences (6 hours)
- accounting (3 hours)
- basic computer concepts and applications (3 hours)
- electives (19 hours)

Admission to the Health Informatics and Information Management program depends on the preparation and level of academic achievement of candidates, is highly competitive, and is determined solely by the School of Health Related Professions itself. ***Work experience or observation in a Health Records Department is required prior to the time of application to the UMMC.***

The **suggested course sequence** below is merely a guideline. Students must consult the USM Undergraduate Bulletin, the USM Class Schedule Guide for each semester, and their academic advisor. During the last semester of the Sophomore year, students should develop a more detailed plan for the Junior and Senior years because many upper level courses are offered in specific semesters (Fall or Spring only) and/or on a rotating two-year cycle.

**YEAR 1**

<b>Fall</b>		<b>Spring</b>	
BSC 110&L <b>OR</b> BSC 111&L	4 h	BSC 111&L <b>OR</b> BSC 110&L	4 h
ENG 101	3 h	ENG 102	3 h
MAT 101 <sup>a</sup>	3 h	CSC 100 <sup>b</sup>	3 h
Two required courses <sup>c</sup>	6 h	Two required courses <sup>c</sup>	6 h

<sup>b</sup>, Calculus is required for most majors in the College of Science and Technology. Placement in MAT courses depends on the student’s ACT subscore.

Students may enroll in Calculus directly if the ACT mathematics *subtest score is*  $\geq 26$ ; otherwise, they must take prerequisite courses, typically College Algebra (MAT 101) and/or Trigonometry (MAT 103). Entering freshmen with an ACT mathematics *subtest score of*  $\leq 16$  must take Intermediate Algebra (MAT

099) during the first semester.

Students with an ACT mathematics *subtest score of 17-19* are **STRONGLY ENCOURAGED** to take Intermediate Algebra before taking College Algebra.

Students may take Trigonometry if the ACT mathematics *subtest score is  $\geq 24$*  or if they have a grade of C or better in College Algebra.

Students entering Calculus (MAT 167) directly may use this course to satisfy the UMMC math requirement.

<sup>b</sup>, A basic computer concepts and applications course should include computer concepts, forms of I/O, recording data and programming.

<sup>c</sup>, Students must take:

- one (1) Fine Arts course (select from ART 130, DAN 130, MUS 365, THE 100)
- two (2) Humanities courses (select from HIS 101, HIS 102, PHI 151, REL 131); if a student is pursuing a B.S. degree from Southern Miss, one Humanities must be a HIS course.
- two (2) Social and Behavioral Sciences courses: select one from (ANT 101, GHY 101, SOC 101) and one from (ECO 101, PS 101, PSY 110)
- SCM 111
- sufficient elective hours to achieve a total of 60 hours of acceptable transfer credit (exclusive of physical education, military science, dogmatic religion and vocation courses).

### **Strategy for Success**

- Students should focus on doing well in their studies.
- Students **could start getting some hands-on exposure** to a Health Records Department.

### **YEAR 2**

<b>Fall</b>		<b>Spring</b>	
BSC 250&L	4 h	BSC 251&L	4 h
Two required courses <sup>c</sup>	6 h	ACC 200	3 h
Elective courses <sup>d</sup>	9 h	Elective courses <sup>d</sup>	10 h

<sup>d</sup>, Electives should be selected from a broad range of academic subjects such as management, business communication, statistics, additional computer science, and psychology.

- Students should continue to focus on doing well in their studies.
- Students **must get hands-on exposure** in a Health Records Department, if they have not done so yet.
- Students typically join **AED**, the national Health Preprofessional Honor Society, in the Spring semester. Applications are available in TEC 103 and online.

**The application process may begin at the end of this year.** Application deadlines vary and are subject to change; The deadline for the Fall 2009 entering class was March 9, 2009.

- Applicants must have successfully completed (grade of C or better) a minimum of 60 hours of academic credit (exclusive of physical education, military science, dogmatic religion and vocation courses) from a regionally accredited institution of higher learning. To do so within a two-year period, students would have to take courses in the summer semester.
- Applicants must have a minimum overall GPA of 2.0 on a 4.0 scale.

### **YEAR 3, YEAR 4<sup>c</sup>**

<b>Fall</b>		<b>Spring</b>	
Classes to fulfill major, minor, etc.	15-18 h	Classes to fulfill major, minor, etc.	15-18 h

°, Optional.

2/2009