

## **MANAGEMENT INFORMATION SYSTEM UNDERADUATE MAJOR**

The management information systems program is administered by the Department of Computer Science. The major must complete 58 semester hours of core requirements and 15-16 semester hours in one of two options. The purpose of the degree program is to provide a management education with career orientation toward the analysis and design of computer-based management systems.

### **CORE REQUIREMENTS**

The following courses are required of all majors: COSC 1010, 1030, 2030, 1200, 2210, 2220, 4840, and 4850; ACCT 2010 and 2020; ENGL 4010; MGT 3210; MATH 2200 or 2350 and MATH 2205 or 2355; MKT 3210; STAT 2010; and IMGT 2400, 3400, and 3450.

The foreign language requirements is two semesters of a single foreign language (or one semester at the 2<sup>nd</sup> or 3<sup>rd</sup>-semester level), American Sign Language, or satisfactory score on one of the following; Departmental Examination, College Level Examination Program, Advanced Placement Examination. Refer to languages department section in this bulletin for detailed information.

Additional requirements: 9 upper-division hours, in non COSC courses. All COSC, MATH, and STAT courses must have a grade of C or better.

**Business Option.** 15 hours of 3000+ level accounting, business administration, decision science, finance, information management, management, marketing, or computer science, of which a maximum of 9 hours can be in computer science. Suggested course: IMGT 4990.

**Computer Science Option.** COSC 2150, 2300, 3020 and 6 hours of 3000+ accounting, decision science, finance, information management, management, marketing, or computer science. Suggested courses: COSC 4750, 4820; IMGT 4990.

Examples of appropriate electives for the Business and Computer Science Options include: ACCT 3210, 4310, 4330, and 4670; COSC 4760; DSCI 3210; FIN 3250; and MKT 4430.

### **SUGGESTED B.S. PROGRAM IN MANAGEMENT INFORMATION SYSTEMS** ***Course Sequence of Major requirements***

In addition to taking the courses listed below, students must also choose courses that satisfy the following University Studies Program requirements: Writing 1 (WA), Writing 2 (WB), Writing 3 (WC), three cultural context courses (CH, CS, CA), oral communications (O), U.S. and Wyoming Constitutions requirement (V), Global Awareness (G), Information Literacy (L), U.S. Diversity (D), Intellectual Community (I), two science (S, SB, SP, SE) and Physical Activity (P). In addition, the student's program must fulfill the university requirement of 48 semester credit hours in upper division (junior/senior) or graduate-level courses. Students are free to satisfy program requirements in any order that complies with course prerequisites.

<b>FRESHMAN YEAR: Fall</b>	<i>Hrs.</i>
ES 1000	1
COSC 1010	4
COSC 1200	3
MATH 2350	4

<b>FRESHMAN YEAR: Spring</b>	<i>Hrs.</i>
COSC 1030	4
MATH 2355	4

<b>SOPHOMORE YEAR: Fall</b>	<i>Hrs.</i>
COSC 2030	4
IMGT 2400	3
ACCT 2010	3
Foreign Language I	4

<b>SOPHOMORE YEAR: Spring</b>	<i>Hrs.</i>
STAT 2010	4
ACCT 2020	3
Foreign Language II	4
Concentration option course	3

<b>JUNIOR YEAR: Fall</b>	<i>Hrs.</i>
COSC 2210	3
IMGT 3400	4
IMGT 3450	3
MGT 3210	3

<b>JUNIOR YEAR: Spring</b>	<i>Hrs.</i>
MKT 3210	3
COSC 2220	4
Concentration option course	3
Upper division non-COSC (UDNC)	3

<b>SENIOR YEAR: Fall</b>	<i>Hrs.</i>
COSC 4840	3
ENGL 4010	3
Concentration option course	3
UDNC	3

<b>SENIOR YEAR: Spring</b>	<i>Hrs.</i>
COSC Project	3
Concentration option courses	6
UDNC	3