INFORMATION SYSTEMS AND DECISION SCIENCES (ISM)

The Management Information Systems (MIS) major provides the skills and knowledge necessary for information systems development and support positions in both business and non-business organizations.

Requirements for the B.A./B.S. Degree: Within the 120 semester hour program listed in the General Requirements section, students must complete a set of six MIS courses and two approved MIS electives. MIS majors must earn a "C" or better in all required MIS courses; they can use grade forgiveness for only one upper-level MIS course.

Required MIS Courses:

ISM 3232 Business Application Development* 3
ISM 3113 Systems Analysis and Design* 3
ISM 4212 Database Administration 3
ISM 4220 Business Data Communications 3
ISM 4300 Managing Information Resources 3
One of the following:
ISM 4234 Object Oriented Design (C++)
ISM 4XXX Web Application Development/Java 3
Plus Approved MIS Electives** 6
Total 24

*ISM 3232 (Business Application Development) is to be taken before, or concurrently with, ISM 3113 (Systems Analysis and Design) which is a prerequisite for all other required MIS courses. Normally ISM 3113 should be completed by the end of the first semester of the junior year.

**No more than three hours of ISM 4950 may be counted as MIS electives. (ISM 4905 will not count as an MIS elective.)

Requirements for a Minor in MIS (for Business majors only):

Students majoring in Business Administration may minor in MIS. The requirements are

1. ISM 3232 Business Application Development 3
2. ISM 3113 Systems Analysis and Design (PR/CR ISM 3232) 3
3. ISM 4212 Database Administration 3
4. Approved MIS Elective 3
Total MIS hours 12

2. A grade point average of 2.0 or better must be achieved in the minor course work at USF and in all minor courses completed at any institution.

3. At least 9 hours of the required 12 credit hours must be taken in residence at USF.