About This Major . . .

The Bachelor of Science in Computer Information Systems is a degree in demand today as organizations face the challenges of technology management. This program provides graduates with basic business management skills and computer information expertise to manage computer systems in today’s organizations. Graduates of this program are employed in such occupations as systems analysts, analyst/programmers, database administrators, network administrators, web page designers and help desk specialists.

Graduates assist businesses with creating, obtaining, and maintaining computer information systems that solve problems and assist in facilitating routine business events. As businesses increasingly rely on technology to provide a competitive advantage, employees with an understanding of both business concepts and computer systems are required. Computer information systems studies require students to examine computer systems from organizational, social, psychological, and technical perspectives. Graduates from this program will have taken a variety of courses that were developed based on national guidelines for quality degrees in information systems.

POLICIES:
1. It is your responsibility to determine whether you have met the requirements for your degree. Please see the MSC Catalog for a complete list of graduation requirements.
2. You must turn in your “Intent to Graduate” form to the Registrar’s Office by September 15 if you plan to graduate the following May, and by February 15 if you plan to graduate the following December.
3. This program sheet must be submitted with your graduation planning sheet to your advisor during the semester prior to the semester of graduation, no later than October 1 for spring graduates, no later than March 1 for fall graduates.
4. Your advisor will sign and forward the Program Sheet and Graduation Planning Sheet to the Department Head for signature.
5. Finally, the Department Head or the department administrative assistant will take the signed forms to the Registrar’s Office. (Students cannot handle the forms once the advisor signs.)
6. If your petition for graduation is denied, it will be your responsibility to reapply for graduation in a subsequent semester. Your “Intent to Graduate” does not automatically move to a later graduation date.
7. NOTE: The semester before graduation, you will be required to take a Major Field Achievement Test (exit exam).

NAME: _______________________________  STUDENT ID # _______________________________

LOCAL ADDRESS AND PHONE NUMBER: ________________________________________________

( ) __________

I, (Signature) ________________________________________________________________, hereby certify that I have completed (or will complete) all the courses listed on the Program Sheet. I further certify that the grade listed for those courses is the final course grade received except for the courses in which I am currently enrolled and the courses which I complete next semester. I have indicated the semester in which I will complete these courses.

Signature of Advisor Date 20

Signature of Department Head Date 20

Signature of Registrar Date 20
Students should work closely with a faculty advisor when selecting and scheduling courses prior to registration.

Degree Requirements:
- Must earn 120 semester hours total and meet the academic residency requirements to earn a baccalaureate degree at Mesa State College.
- 40 upper division credits (i.e., 300-level and 400-level courses).
- 2.00 cumulative GPA or higher in all MSC coursework and no grade less than C for all courses in the major.
- Excess KINA courses beyond the two required and pre-collegiate courses (usually numbered below 100) cannot be used for graduation.
- Program sheets are for advising purposes only. Because a program may have requirements specific to the degree, check with your advisor for additional guidelines, including prerequisites, grade point averages, grades, exit examinations, and other expectations. It is the student's responsibility to be aware of, and follow, all guidelines for the degree being pursued. Any exceptions or substitutions must be approved by the faculty advisor and/or Department Head. Courses related to teacher licensure must also be approved by the Teacher Education Dept.
- When filling out the program sheet a course can be used only once.
- See the “Undergraduate Graduation Requirements” in the Mesa State College catalog for additional graduation information.

GENERAL EDUCATION REQUIREMENTS (31 Semester Hours)
See the current Mesa State College catalog for a list of courses that fulfill the requirements below. If a course is on the general education list of options and a requirement for your major, you must use it to fulfill the major requirement and make a different selection within the general education requirement.

<table>
<thead>
<tr>
<th>Course No</th>
<th>Title</th>
<th>Sem.hrs</th>
<th>Grade</th>
<th>Term/Trns</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 111</td>
<td>English Composition</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENGL 112</td>
<td>English Composition</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(ENGL 129, Honors English, may be substituted for ENGL 111 &amp; ENGL 112.)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Math: MATH 121 or higher (3 semester hours, must receive a grade of “C” or better, must be completed by the time the student has 60 semester hours.)

*Math 121 or higher level math as approved by advisor

Humanities (3 semester hours)

Social and Behavioral Sciences (6 semester hours)

Natural Sciences (7 semester hours, one course must include a lab)

History (3 semester hours)
HIST

Fine Arts (3 semester hours)

Course No | Title                          | Sem.hrs | Grade | Term/Trns |
|-----------|--------------------------------|---------|-------|-----------|

OTHER LOWER DIVISION REQUIREMENTS

<table>
<thead>
<tr>
<th>Course No</th>
<th>Title</th>
<th>Sem.hrs</th>
<th>Grade</th>
<th>Term/Trns</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 112</td>
<td>English Composition</td>
<td>3</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Math: MATH 121 or higher (3 semester hours, must receive a grade of “C” or better, must be completed by the time the student has 60 semester hours.)

*Math 121 or higher level math as approved by advisor

Humanities (3 semester hours)

Social and Behavioral Sciences (6 semester hours)

Natural Sciences (7 semester hours, one course must include a lab)

History (3 semester hours)
HIST

Fine Arts (3 semester hours)

Bachelor of Science: Computer Information Systems
Posted 1/29/08

2007-2008 Program Sheet, Page 2 of 3
**SUGGESTED COURSE SEQUENCING FOR A MAJOR IN COMPUTER INFORMATION SYSTEMS**

This is a recommended sequence of course work. Certain courses may have prerequisites or are only offered during the Fall or Spring semesters. It is the student’s responsibility to meet with their advisor and check the 2 year course matrix on the Mesa State website for course availability.

### FRESHMAN YEAR

**Fall Semester**
- CISB 210 Fundamentals of Information Systems 3
- ENGL 111 English Composition 3
- MATH 121 Calculus for Business 3
- General Education Social/Behavioral Science 3
- General Education Natural Science with Lab 3-4
  - 15-16

**Spring Semester**
- CISB 205 Advanced Business Software 3
- ENGL 112 English Composition 3
- STAT 200 Probability and Statistics 3
- General Education History 3
- General Education Social/Behavioral Science 3
- KINE 100 Health and Wellness 1
  - 16

### SOPHOMORE YEAR

**Fall Semester**
- ACCT 201 Principles of Financial Accounting 3
- CSCI 110 Beginning Programming 3
- ECON 201 Principles of Macroeconomics 3
- KINA Activity 1
- MARK 231 Principles of Marketing 3
- General Education Natural Science 3
  - 16

**Spring Semester**
- ACCT 202 Principles of Managerial Accounting 3
- TECI 260 Info Tech Hardware & Sys. Software
  or CISB 260 Information Systems Architecture 3
- ECON 202 Principles of Microeconomics 3
- MANG 201 Principles of Management 3
- General Education Fine Arts 3
- KINA Activity 1
  - 16

### JUNIOR YEAR

**Fall Semester**
- CISB 392 Information Systems Theory and Practice 3
- MANG 341 Quantitative Decision Making
  or CISB 341 Quantitative Decision Making 3
- CISP 331 Advanced Business Programming 3
- General Education Humanities or Social/Behavioral Science 3
- General Education Applied Studies 3
  - 15

**Spring Semester**
- CISB 400 Data Comm. & Network Management 3
- CISB 442 Systems Analysis and Design 3
- General Education Humanities 3
- Elective 3
  - 12

### SENIOR YEAR

**Fall Semester**
- CISB 451 Database Administration 3
- BUGB 349 Legal Environment of Business 3
- FINA 301 Managerial Finance 3
- CISB 460 Electronic Commerce Systems 3
- Elective 3
  - 15

**Spring Semester**
- CISB 471 Advanced Information Systems 3
- Electives 11-12
  - 14-15