About This Major . . .

The Bachelor of Applied Science in Computer Information Systems combines the technical skills and business proficiency necessary for success in today's business world. A unique program, the BAS allows students who have already earned an associate of applied science degree to build upon their technical specialties with general education courses and junior and senior level computer information systems courses. This allows associate degree holders to gain a 4-year degree in approximately four additional full-time semesters, depending upon prior coursework.

Computer Information Systems courses to be taken include coursework in project management, systems analysis and design, database administration, networking, electronic commerce, productivity tools, decision support, systems development and implementation including programming, and information systems theory. BAS students will be technically and academically prepared for leadership positions within the information technology functional areas in their chosen industries.

Prospective students not holding an associate of applied science degree can begin their college career at MSC in a chosen field of study with a 2-year degree and then progress to a 4-year degree using the BAS. This degree will provide students upward mobility in their area of employment as they move into supervision/management positions.

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 and Information Systems Analyst exit exams.

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.

_____   _____20_____
Signature of Advisor   Date

_____   _____20_____
Signature of Department Head   Date

_____   _____20_____
Signature of Registrar   Date

Students should work closely with a faculty advisor when selecting and scheduling courses prior to registration.

Degree Requirements:

- As an entrance requirement, a student must have a proficiency in advanced computer literacy, which is defined as having taken CISB 101 (or equivalent); and CISB 260 or *TECI 260 (or equivalent).
- Must earn 120 semester hours total and meet the academic residency requirements to earn a baccalaureate degree at Mesa State College.
- 33 upper division credits (i.e., 300-level and 400-level courses).
- 2.00 cumulative GPA or higher in all MSC coursework
- 2.00 cumulative GPA or higher in coursework toward the major content area
- 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, <u>you must use it to fulfill the major requirement</u> and make a different selection within the general education requirement.

Course No Title   Sem.hrs Grade Term/Trns

English (6 semester hours, must receive a grade of "C" or better and must be completed by the time the student has 60 semester hours.)
ENGL 111 English Composition   3   _____ _____
ENGL 112 English Composition   3   _____ _____
(ENGL 129, Honors English, may be substituted for ENGL 111 & ENGL 112.)

Math: (3 semester hours, must receive a grade of "C" or better, must be completed by the time the student has 60 semester hours.)
MATH 113 College Algebra   4*   _____ _____
*3 credits apply to the General Ed requirements and 1 credit applies to elective credit

Humanities (3 semester hours)
_____ ____ _____ ____ _____ _____

Social and Behavioral Sciences (6 semester hours)
ECON 201   Principles of Macroeconomics   3   _____ _____
ECON 202   Principles of Microeconomics   3   _____ _____

Fine Arts (3 semester hours)
_____ ____ _____ ____ _____ _____

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

History (3 semester hours)
HIST ____ _____ ____ _____ _____

Course No Title   Sem.hrs Grade Term/Trns

OTHER LOWER DIVISION REQUIREMENTS (6 semester hours)
Kinesiology (3 semester hours)
KINE 100   Health and Wellness   1   _____ _____
KINA 1____ _____ 1   _____ _____
KINA 1____ _____ 1   _____ _____

Applied Studies (3 semester hours)
_____ ____ _____ ____ _____ _____

BACHELOR OF APPLIED SCIENCE DEGREE DISTINCTION REQUIREMENTS (6 semester hours) Must receive a grade of "C" or better.
STAT 200   Probability and Statistics   3   _____ _____
CISB 206   Business Database Application Programming   3   _____ _____
  OR
*CSCI 110   Beginning Programming   3   _____ _____
*Courses require additional pre-requisites beyond those required for the major.

B.A.S. COMPUTER INFORMATION SYSTEMS MAJOR REQUIREMENTS (66 semester hours)

Required Computer Information Systems Courses (30 semester hours) Must receive a grade of C or better.
CISB 205   Advanced Business Software   3   _____ _____
CISB 210   Fundamentals of Information Systems   3   _____ _____
CISB 331   Advanced Business Programming   3   _____ _____
CISB 392   Information Systems Theory and Practice   3   _____ _____
CISB 400   Data Communications & Network Mgmt   3   _____ _____
CISB 442   Systems Analysis and Design   3   _____ _____
CISB 451   Database Administration   3   _____ _____
CISB 460   Electronic Commerce Systems   3   _____ _____
CISB 471   Advanced Information Systems   3   _____ _____
CISB ____ _____ 3   _____ _____

Electives (11 semester hours; must be Upper Division.) All college level courses appearing on your final transcript, **not listed above** that will bring your total semester hours to 120 hours. MARK 350 or MANG 341 or CISB 341, ACCT 202 must be included as an elective.
*MATH 113   College Algebra   1   _____ _____
_____ ____ _____ ____ _____ _____
_____ ____ _____ ____ _____ _____
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_____ ____ _____ ____ _____ _____

Bachelor of Applied Science Core (36 Semester Hours) 36 Semester Hours taken as part of a state approved Associate of Applied Science degree.*
_____ ____ _____ ____ _____ _____
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*An Associate of Applied Science degree is required.

Institution_____ Date Received_____

Special requirements: To be admitted to the B.A.S. degree, an applicant must possess an A.A.S. degree from an accredited school in computer information systems, computer programming, electronic engineering technology, information technology, network technology, telecommunications, or related area such as computer aided design or graphics design. Please see the Business department head for complete requirements and application form. Requests for more than 6 hours of cooperative education internship must be approved by the advisor. All degree requirements must be completed as described above. Any exceptions or substitutions must be recommended in advance by the faculty advisor and approved by the Department Head. Students are required to participate in exit examinations or other programs deemed necessary to comply with the college accountability requirement.