



2008-09 PETITION/PROGRAM SHEET
Degree: Bachelor of Science
Major: Computer Information Systems
www.mesastate.edu/schools/sbps/cis

About This Major . . .

The Bachelor of Science in Computer Information Systems is a degree required today as organizations face the challenges of technology management. This program provides graduates with 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, help desk specialists, and IT Managers.

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 necessary. 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

Signature of Department Head

Date

Signature of Registrar

Date

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.
- 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.

Course	No	Title	Sem.hrs	Grade	Term/Trns
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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	_____	_____	_____
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ENGL 112	English Composition	3	_____	_____	_____
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(ENGL 129, Honors English, may be substituted for ENGL 111 & ENGL 112.)

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	_____	3	_____	_____	_____
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*Math 121 or higher level math as approved by advisor, which might require student taking additional MATH remedial courses.

Humanities (3 semester hours)

_____	_____	3	_____	_____	_____
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Social and Behavioral Sciences (6 semester hours)

_____	_____	3	_____	_____	_____
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_____	_____	3	_____	_____	_____
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Natural Sciences (7 semester hours, one course must include a lab)

_____	_____	3	_____	_____	_____
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_____	_____	3	_____	_____	_____
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History (3 semester hours)

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

_____	_____	3	_____	_____	_____
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Course	No	Title	Sem.hrs	Grade	Term/Trns
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OTHER LOWER DIVISION REQUIREMENTS (6 semester hours)

Kinesiology (3 semester hours)

KINE 100	Health and Wellness	1	_____	_____	_____
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KINA 1	_____	1	_____	_____	_____
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KINA 1	_____	1	_____	_____	_____
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Applied Studies (3 semester hours)

_____	_____	3	_____	_____	_____
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BACHELOR OF SCIENCE DEGREE DISTINCTION

REQUIREMENTS (6 semester hours) Must receive a grade of "C" or better.

STAT 200	Probability and Statistics	3	_____	_____	_____
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Humanities or Social/Behavioral Sciences: (3 semester hours)

_____	_____	3	_____	_____	_____
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MAJOR REQUIREMENTS (60 semester hours)

Computer Information Systems Core (33 semester hours)

CISB 205	Advanced Business Software	3	_____	_____	_____
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CISB 210	Fundamentals of Information Systems	3	_____	_____	_____
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CISB 331	Advanced Business Programming	3	_____	_____	_____
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CISB 392	Information Systems Theory and Practice	3	_____	_____	_____
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CISB 400	Data Communications and Network Management	3	_____	_____	_____
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CISB 442	Systems Analysis and Design	3	_____	_____	_____
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CISB 451	Database Administration	3	_____	_____	_____
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CISB 460	Electronic Commerce Systems	3	_____	_____	_____
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CISB 471	Advanced Information Systems	3	_____	_____	_____
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CISB 206	Business Database Application Programming	3	_____	_____	_____
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OR

*CSCI 110	Beginning Programming	3	_____	_____	_____
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CISB 260	Information Systems Architecture	3	_____	_____	_____
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OR

*TECI 260	Information Technology Hardware & System Software	3	_____	_____	_____
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*Courses require additional pre-requisites beyond those required for the major.

Required Business Support Courses (27 Semester Hours)

ACCT 201	Principles of Financial Accounting	3	_____	_____	_____
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ACCT 202	Principles of Managerial Accounting	3	_____	_____	_____
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BUGB 349	Legal Environment of Business	3	_____	_____	_____
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ECON 201	Principles of Macroeconomics	3	_____	_____	_____
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ECON 202	Principles of Microeconomics	3	_____	_____	_____
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FINA 301	Managerial Finance	3	_____	_____	_____
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MANG 201	Principles of Management	3	_____	_____	_____
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MARK 231	Principles of Marketing	3	_____	_____	_____
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MANG 341	Quantitative Decision Making	3	_____	_____	_____
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OR

CISB 341	Quantitative Decision Making	3	_____	_____	_____
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Electives (All college level courses appearing on your final transcript, **not listed above** that will bring your total semester hours to 120 hours. It is highly recommended that at least 3 hours must be individualized studies such as Cooperative Education, Directed Readings or Independent Study.) (17 semester hours; 10 hours of upper division may be needed.)

Course No	Title	Sem.hrs	Grade	Term/Trns
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

Course No	Title	Sem.hrs	Grade	Term/Trns
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

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 the assigned advisor and check the 2 year course matrix on the Mesa State website for course availability.

FRESHMAN YEAR

Fall Semester			Hours	Spring Semester			Hours
CISB 210	Fundamentals of Information Systems	3		CISB 205	Advanced Business Software	3	
ENGL 111	English Composition	3		ENGL 112	English Composition	3	
MATH 121	Calculus for Business	3		STAT 200	Probability and Statistics	3	
General Education Social/Behavioral Science		3		General Education History		3	
General Education Humanities		3		General Education Social/Behavioral Science		3	
			<u>15</u>				<u>15</u>

SOPHOMORE YEAR

Fall Semester			Hours	Spring Semester			Hours
ACCT 201	Principles of Financial Accounting	3		ACCT 202	Principles of Managerial Accounting	3	
CISB 206	Business Database Application Programming	3		CISB 260	Information Systems Architecture	3	
OR CSCI 110	Beginning Programming	3		OR TECI 260	Info Tech Hardware & Sys. Software	3	
ECON 201	Principles of Macroeconomics	3		ECON 202	Principles of Microeconomics	3	
MARK 231	Principles of Marketing	3		MANG 201	Principles of Management	3	
General Education Natural Science		3		General Education Fine Arts		3	
			<u>15</u>				<u>15</u>

JUNIOR YEAR

Fall Semester			Hours	Spring Semester			Hours
CISB 392	Information Systems Theory and Practice	3		CISB 400	Data Comm. & Network Management	3	
MANG 341	Quantitative Decision Making	3		CISB 442	Systems Analysis and Design	3	
OR CISB 341	Quantitative Decision Making	3		General Education Natural Science with Lab		4	
CISB 331	Advanced Business Programming	3		KINA	Activity	1	
General Education Humanities or Social/Behavioral Science		3		KINA	Activity	1	
General Education Applied Studies		3		Elective		3	
			<u>15</u>				<u>15</u>

SENIOR YEAR

Fall Semester			Hours	Spring Semester			Hours
CISB 451	Database Administration	3		CISB 471	Advanced Information Systems	3	
BUGB 349	Legal Environment of Business	3		KINE 100	Health and Wellness	1	
FINA 301	Managerial Finance	3		Electives		11	
CISB 460	Electronic Commerce Systems	3					<u>15</u>
Elective		3					
			<u>15</u>				