

Name:

Year of Declared Major: **14-15****FALL****SPRING****YEAR 1****CR. SEM. GR.**

ACCT 201 (Financial) <sup>1</sup>	3	_____	_____
CIS 110 (Comp Concepts)	3	_____	_____
ENGL 111 (Written Com)	3	_____	_____
MATH <b>172</b> or 107	3/4	_____	_____
General Course Req <sup>2</sup>	<u>3</u>	_____	_____
	15/16		

**CR. SEM. GR.**

ACCT 202 (Managerial)	3	_____	_____
CIS 210 (Bus Applications)	3	_____	_____
Written Communication <sup>3</sup>	3	_____	_____
COMM <b>111</b> , 235, 237, or <b>241</b> <sup>4</sup>	3	_____	_____
General Course Req <sup>2</sup>	<u>3</u>	_____	_____
	15		

**YEAR 2**

BA 273 (Stats for Bus)	3	_____	_____
CIS 330 (Database Mgmt)	3	_____	_____
ECON 201 (Macro)	3	_____	_____
General Education Req <sup>5</sup>	3	_____	_____
Major Elective <sup>6</sup>	<u>3</u>	_____	_____
	15		

CIS 345 (Managing Networks)	3	_____	_____
CIS 310 (Analysis Bus Sys)	3	_____	_____
ECON 202 (Micro)	3	_____	_____
Major Elective <sup>6</sup>	3	_____	_____
Major Elective <sup>6</sup>	<u>3</u>	_____	_____
	15		

<sup>1</sup> ACCT 101 and ACCT 102 may be substituted for ACCT 201.

<sup>2</sup> General Course Requirements: Choose one or a combination of Humanities, Math, Natural Sciences or Social Sciences courses. (See UAA General Course Requirement Classification List for eligible courses.) It is recommended that no more than 3 credits in Arts, 6 credits in Humanities, and 7 credits in Natural Sciences be used to fulfill this 6 credit requirement. Any English course used to satisfy the Humanities requirement must be different from the Written Communications requirement and have a course number higher than ENGL 111.

<sup>3</sup> Written Communication Skills Requirement can be satisfied with CIO 260A, ENGL 211, ENGL 212, ENGL 213, or ENGL 214. Option to take CIO 260A for the Written Communication Skills Requirement applies to AAS degrees only. Students planning to pursue baccalaureate degrees can maximize transferability of their credits by taking **ENGL 212**.

<sup>4</sup> Students planning to pursue a BBA degree can maximize transferability of their credits by taking **COMM 111** or **241**.

<sup>5</sup> Choose humanities or natural sciences course from the General Education Requirement (GER) list that satisfies both the AAS and Baccalaureate degrees. See the UAA Catalog for the current GER list.

<sup>6</sup> Please see your CIS Department advisor for approval. No more than 3 credits of internship can be used to fulfill program electives.

## Fall:

CIS 490	Bus Analytics and Processes using SAP (to be petitioned)
CIS 430	Client-Server Programming for Business Applications
CIS 390	Selected Topics in MIS (1-6)
CIS 395	Programmer/Analyst Internship
CIS 495	Systems Analyst/User Support Internship
CIS 365	Object-Oriented Programming
CIS 375	E-Training Design and End-User Support
CIS 470	Data Warehouses and Business Intelligence
ECON 312	Econometrics for Business and Economics
ECON 429	Business Forecasting (currently not offered)

## Spring:

CIS 361	Adv. Contemporary Bus. App Development
CIS 460	Web Development in the .NET
CIS 390	Selected Topics in MIS (1-6)
CIS 395	Programmer/Analyst Internship
CIS 495	Systems Analyst/User Support Internship
CIS 445	Advanced Network Management
CIS 385	Multimedia Authoring
ECON 312	Econometrics for Business and Economics
CIS 498	MIS Seminar/Project

**NOTE:** A grade of C or higher is required to continue in each higher CIS course.

A minimum of 12 credits from the major requirements must be earned at UAA (CIS 210, CIS 310, CIS 330, CIS 345, and the major electives).

A total of 60-61 credits is required for this degree. Students planning on seeking a BBA degree in the College of Business and Public Policy must complete all business courses with a grade of C or better.

**This is a suggested sequence for taking courses and is not intended to take place of the program requirements listed in the UAA Catalog. Please contact your advisor for more information.**

## AAS BUSINESS COMPUTER INFORMATION SYSTEMS

The AAS Business Computer Information Systems (CIS) degree prepares students for entry-level positions such as network administrator, programmer, web designer, help desk technician, user consultant, database administrator, etc. Career opportunities exist in private firms, government agencies, oil firms, and other businesses that use computers to manage information. The program emphasizes problem-solving techniques to analyze, design, program, implement, and manage solutions to business problems. Graduates will have a foundation on which to build a career in information systems.

Meet with your advisor to learn about the AAS Business Computer Information Systems and employment options in this field.

### Contact

Information Systems and Decision Sciences Department Chair  
Dr. Minnie Yen at (907) 786-4117 or [ylyen@uaa.alaska.edu](mailto:ylyen@uaa.alaska.edu)

or

The College of Business and Public Policy Student Advising Center (SAC)  
(907) 786-4100 or [sac@uaa.alaska.edu](mailto:sac@uaa.alaska.edu)

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### Learn and develop your abilities

- Designing and developing web pages
- Using contemporary technologies and programming languages
- Managing data communications
- Managing computer networks
- Designing a database
- Creating, modifying, and testing code, forms, and script
- Analyzing user's computer related requirements

### Seek a specific job

- Programmer
- Help Desk Technician
- Computer Support Specialist
- Network Administrator
- Web Designer
- Web Developer

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