Management Information Science A.S. Degree - Cal-GETC GE

This program map represents one possible path for completing this program. **Please see a counselor** to create an educational plan that is customized to meet your needs. This path is not a guarantee of course availability or financial aid applicability.

Catalog: 2025-26

Total Units: 72-73

First Year

Semester 1
15-16 Units

CAT.	COURSE	TITLE	UNIT	GE AREA
Maj	CISC 310	Introduction to Computer Information Science	3	
Maj	CISA 315	Introduction to Electronic Spreadsheets	2	
ME	CISC 320 / 323	Operating Systems	1	
Elec	INDIS 313[*]	Freshman Seminar	3	
GE	ENGL C1000[**] / ENGWR 488[H] / ESLW 340	Academic Reading and Writing	3-4	Cal-GETC Area 1A
GE		Social & Behavioral Sciences	3	Cal-GETC Area 4

*INDIS 313 - Freshman Seminar is specifically designed for First Time in College students. This course is a non-required elective. If you're not a First Time in College student and/or you only would like to take required courses, you do not need to take this course.

**If you don't place directly in ENGL C1000 (check your eServices account), you will need to take ENGWR 80/ENGL C1000 combo course.

Semester 2
15 Units

CAT.	COURSE	TITLE	UNIT	GE AREA
Maj	CISA 305[+]	Beginning Word Processing	2	
Maj	CISP 301	Algorithm Design and Implementation	4	
Maj	CISC 305[+]	Introduction to the Internet	1	
Maj	CISA 340	Presentation Graphics	2	
GE	MATH 300[*]	Introduction to Mathematical Ideas	3	Cal-GETC Area 2
GE		Critical Thinking and Composition	3	Cal-GETC Area 1B

+ Prerequisite for CISA 305: CISC 300 or 310 with a grade of "C" or better

+ Prerequisite for CISC 305: CISC 300, 310, or 320 with a grade of "C" or better

*If you don't place directly in MATH 300 (check your eServices account), you will need to take MATHS 95/MATH 300 combo course.

Second Year

Semester 3   16 Units

CAT.	COURSE	TITLE	UNIT	GE AREA
Maj	CISP 360 [+]	Introduction to Structured Programming	4	
ME		*Major Elective (List A)	2	
ME		*Major Elective (List B)	3	
GE		**Social and Behavioral Sciences	3	Cal-GETC Area 4
GE		Biological Science	3	Cal-GETC Area 5B
GE		***Associate Lab Component	1	Cal-GETC Area 5C

See Lists in Semester 5.

+ Prerequisite for CISP 360: CISP 301 with a grade of "C" or better

**Cal-GETC Area 4 requires 2 courses from different disciplines. Select a course from Cal-GETC Area 4 from a different discipline than the previously completed Cal-GETC Area 4 course.

***Cal-GETC Area 5C will not be required if a laboratory activity is included in 5A or 5B.

Semester 4   14 Units

CAT.	COURSE	TITLE	UNIT	GE AREA
ME	CISP 400 [+] / 401 [+]	Major Elective	4	
ME		*Major Elective (List A)	2	
ME		*Major Elective (List B)	3	
Maj	CISA 323 [+]	Database Management using Microsoft Access	2	
GE		Physical Science	3	Cal-GETC Area 5A

See Lists in Semester 5.

+ Prerequisite for CISP 400: CISP 360 with a grade of "C" or better

+ Prerequisite for CISP 401: CISP 360 with a grade of "C" or better

+ Prerequisite for CISA 323: CISC 300 or 310 with a grade of "C" or better

Placement Information

*C*heck your eServices account under "Academic Records" to determine your Math and English placements.

Department Notes

- Students are encouraged to contact the CIS faculty for sequence adjustments.

- Department contact: Sheley Little

Littlem@scc.losrios.edu

Important Links

- SCC General Counseling

- Computer Science - Management Information Science

- Business & Industry Meta Majors

Third Year

Semester 5   12 Units

CAT.	COURSE	TITLE	UNIT	GE AREA
GE		Oral Communication	3	Cal-GETC Area 1C
GE		Arts	3	Cal-GETC Area 3A
GE		Humanities	3	Cal-GETC Area 3B
GE		Ethnic Studies	3	Cal-GETC Area 6

*Major Electives:

List A (A minimum of 4 units from the following:)

CISA 306 Intermediate Word Processing

CISA 316 Intermediate Electronic Spreadsheets

CISC 324 Intermediate Linux Operating System

CISC 355 Introduction to Data Communication

CISC 360 Information & Communication Technology Essentials (A+)

CISP 350 Database Programming

List B (A minimum of 6 units from the following:)

CISC 355 Introduction to Data Communications

CISD 357 or CISP 357 Introduction to Data Science

CISD 358 or CISP 358 Data Analysis

CISN 300 Network Systems Administration

CISN 303 Network Administration - Linux Server

CISN 306 Advanced Network Systems Administration

CISN 308 Internetworking with TCP/IP

CISP 310 Assembly Language Programming for Microcomputers

CISP 350 Database Programming

CISP 400 Object Orientated Programming with C++

CISP 401 Object Orientated Programming with Java

CISP 430 Data Structure

CISP 440 Discrete Structure for Computer Science

CISP 457 Introduction to Systems Analysis & Design

CISS 300 Introduction to Information Systems Security

CISS 315 Ethical Hacking

CISS 310 Networking Security Fundamentals

CISW 327 Networking to Web Development coding HTML & CSS

CISW 400 Client-side Web Scripting (only offered in the Fall Semester)

CISW 410 Middle Web Scripting