

# COMPUTER INFORMATION SYS (CIS)

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## **CIS 141 Analytics and Technology 3 Hours**

An introduction to the breadth of information technology and the role of computer based devices for everyday problem solving in life, work and research. Practical experience with current as well as emerging technologies is provided. Students who have earned credit in CSCI 145C may not enroll in CIS 141. **Colonnade/Statewide General Education Code E-SB | SB**

*Recent Term(s) Offered: spring 2022; summer 2022; fall 2022; spring 2023; fall 2023; spring 2024; fall 2024*

## **CIS 205 Technology in Society and Business 3 Hours**

Examination of the impact of digital information technology on domestic and international businesses and societies, along with ethical and social impacts on professional and personal decision-making. **Colonnade/Statewide General Education Code K-LG**

**Prerequisite(s):** 21 hours of Foundations and Explorations Courses, or junior status

*Recent Term(s) Offered: spring 2022; fall 2022; spring 2023; fall 2023; spring 2024; fall 2024*

## **CIS 226 Introduction to Visual Programming 3 Hours**

A study in the algorithmic approach of the analysis of problems and their solutions. A visual programming language will be introduced and used in solving assigned problems. Laboratory work will be required outside of class meetings.

*Recent Term(s) Offered: None*

## **CIS 248 Systems Integration 3 Hours**

Continuing coverage of programming with emphasis on integrating and designing useful graphical user interfaces to enter, edit and retrieve information from existing databases. Secondary emphasis will be on generating complicated detailed reports.

**Prerequisite(s):** CIS 246 with a minimum grade of C or CS 226 with a minimum grade of C or CIS 226 with a minimum grade of C

**Restriction(s):** Enrollment is limited to students in Computer Information Systems (706)

*Recent Term(s) Offered: None*

## **CIS 320 Personal Technologies with Artificial Intelligence 3 Hours**

The management and deployment of personal productivity technologies, including management of facilities, workstations and support services. Particular emphasis is placed on using technology tools to increase productivity and quality.

**Prerequisite(s):** CIS 141

*Recent Term(s) Offered: fall 2022*

## **CIS 321 Emerging Technologies with Artificial Intelligence 3 Hours**

Overview of the most recent tools and techniques in information technology and their utilization in the business environment.

**Prerequisite(s):** CIS 141

*Recent Term(s) Offered: spring 2022; fall 2022; spring 2023; fall 2023; spring 2024; fall 2024*

## **CIS 449 Independent Study in Computer Information Systems 3 Hours**

Directed study and research in one area of computer information systems.

**Prerequisite(s):** BDAN 305

*Recent Term(s) Offered: None*