## Computer Information Systems / BS Degree

# Suggested Course Sequence

For students entering the major in catalog year 2023-24

SEMESTER	FALL 2023		SPRING 2024	
	INT 100 Principles of Academic Integrity	0		
	FYS 100 First Year Seminar	1		
	ENG 151 College Writing I	3	ENG 152 College Writing II	3
	IS 135 Computer Applications for Business	3	IS 150 Relational Database Design & SQL	3
	IS 140 Information Systems Architecture and Design	3	IS 231 Network Technologies	3
	Communication Intensive (CI)	3	Quantitative Literacy (QL) Recommended: MATH 136 Intro to Statistics	3-4
	Social Science I** (SS)	3	Humanities I* (HUM)	3
CREDITS	16 CF	REDITS	15-16 C	REDIT
YEAR 2				
SEMESTER	FALL 2024		SPRING 2025	
	IS 201 Modern Information Systems	3	IS 232 TCP and IP Communication Protocols for Windows and UNIX	3
	IS 240 Computer Programming I	3	IS 241 Computer Programming II	3
	IS 252 Advanced SQL Query Design	3	IS 235 Advanced Windows Server Architecture & Administration	3
	MGT 210 Business Writing 200-Level Writing Intensive (WI)	3	Fine Arts (FA)	3
	Scientific Reasoning - Lab (SR-L)	4	SEE MATH or Science (QL, SR, or SR-L)	3-4
CREDITS	16 CF	REDITS	15 - 16 CR	EDITS
YEAR 3				
YEAR 3 SEMESTER	FALL 2025		SPRING 2026	
YEAR 3 SEMESTER		3	SPRING 2026 CDF 308 Technology Law	3
	FALL 2025  IS 320 Human-Computer Interaction IS 365 Writing for IS Applications	3	SPRING 2026 CDF 308 Technology Law	3
	IS 320 Human-Computer Interaction	3		3
	IS 320 Human-Computer Interaction IS 365 Writing for IS Applications	3	CDF 308 Technology Law	3
	IS 320 Human-Computer Interaction IS 365 Writing for IS Applications 300/400-Level Writing Intensive (WI) MGT 300/MKT 301 Applied Business Analytics Social Science II** (SS)	3 3 3	CDF 308 Technology Law  IS 330 Business Application Programming IS 355 Exchange Server and Messaging Systems Humanities II* (HUM)	3 3 3
	IS 320 Human-Computer Interaction IS 365 Writing for IS Applications 300/400-Level Writing Intensive (WI) MGT 300/MKT 301 Applied Business Analytics	3	CDF 308 Technology Law  IS 330 Business Application Programming IS 355 Exchange Server and Messaging Systems	3
SEMESTER	IS 320 Human-Computer Interaction IS 365 Writing for IS Applications 300/400-Level Writing Intensive (WI) MGT 300/MKT 301 Applied Business Analytics Social Science II** (SS) General Elective or Minor Course	3 3 3	CDF 308 Technology Law  IS 330 Business Application Programming IS 355 Exchange Server and Messaging Systems Humanities II* (HUM)	3 3 3
	IS 320 Human-Computer Interaction IS 365 Writing for IS Applications 300/400-Level Writing Intensive (WI) MGT 300/MKT 301 Applied Business Analytics Social Science II** (SS) General Elective or Minor Course	3 3 3 3	CDF 308 Technology Law  IS 330 Business Application Programming IS 355 Exchange Server and Messaging Systems Humanities II* (HUM) General Elective or Minor Course	3 3 3
SEMESTER	IS 320 Human-Computer Interaction IS 365 Writing for IS Applications 300/400-Level Writing Intensive (WI) MGT 300/MKT 301 Applied Business Analytics Social Science II** (SS) General Elective or Minor Course	3 3 3 3	CDF 308 Technology Law  IS 330 Business Application Programming IS 355 Exchange Server and Messaging Systems Humanities II* (HUM) General Elective or Minor Course	3 3 3
SEMESTER  CREDITS YEAR 4	IS 320 Human-Computer Interaction IS 365 Writing for IS Applications 300/400-Level Writing Intensive (WI) MGT 300/MKT 301 Applied Business Analytics Social Science II** (SS) General Elective or Minor Course  FALL 2026	3 3 3 3 <b>REDITS</b>	CDF 308 Technology Law  IS 330 Business Application Programming IS 355 Exchange Server and Messaging Systems  Humanities II* (HUM)  General Elective or Minor Course  15 CR  SPRING 2027 IS 432 Network Security-Firewalls, IDS, and	3 3 3 3 EDITS
SEMESTER  CREDITS YEAR 4	IS 320 Human-Computer Interaction IS 365 Writing for IS Applications 300/400-Level Writing Intensive (WI) MGT 300/MKT 301 Applied Business Analytics Social Science II** (SS) General Elective or Minor Course  FALL 2026 IS 350 IS Internship	3 3 3 3	CDF 308 Technology Law  IS 330 Business Application Programming IS 355 Exchange Server and Messaging Systems  Humanities II* (HUM)  General Elective or Minor Course  15 CR  SPRING 2027	3 3 3
SEMESTER  CREDITS YEAR 4	IS 320 Human-Computer Interaction IS 365 Writing for IS Applications 300/400-Level Writing Intensive (WI) MGT 300/MKT 301 Applied Business Analytics Social Science II** (SS) General Elective or Minor Course  FALL 2026 IS 350 IS Internship IS 444 Mobile Application Development	3 3 3 3 <b>REDITS</b>	IS 330 Business Application Programming IS 355 Exchange Server and Messaging Systems Humanities II* (HUM) General Elective or Minor Course  15 CR  SPRING 2027 IS 432 Network Security-Firewalls, IDS, and Counter Measures	3 3 3 3 EDITS
SEMESTER  CREDITS YEAR 4	IS 320 Human-Computer Interaction IS 365 Writing for IS Applications 300/400-Level Writing Intensive (WI) MGT 300/MKT 301 Applied Business Analytics Social Science II** (SS) General Elective or Minor Course  15 CF  FALL 2026 IS 350 IS Internship IS 444 Mobile Application Development (Offered fall)	3 3 3 3 <b>REDITS</b>	IS 330 Business Application Programming IS 355 Exchange Server and Messaging Systems Humanities II* (HUM) General Elective or Minor Course  15 CR  SPRING 2027 IS 432 Network Security-Firewalls, IDS, and Counter Measures IS 481 IT Project Management	3 3 3 3 EDITS
SEMESTER  REDITS YEAR 4	IS 320 Human-Computer Interaction IS 365 Writing for IS Applications 300/400-Level Writing Intensive (WI) MGT 300/MKT 301 Applied Business Analytics Social Science II** (SS) General Elective or Minor Course  FALL 2026  IS 350 IS Internship IS 444 Mobile Application Development (Offered fall) Humanities III* (HUM)	3 3 3 3 <b>REDITS</b>	IS 330 Business Application Programming IS 355 Exchange Server and Messaging Systems Humanities II* (HUM) General Elective or Minor Course  15 CR  SPRING 2027 IS 432 Network Security-Firewalls, IDS, and Counter Measures IS 481 IT Project Management Humanities IV* (HUM)	3 3 3 3 EDITS
SEMESTER  CREDITS YEAR 4	IS 320 Human-Computer Interaction IS 365 Writing for IS Applications 300/400-Level Writing Intensive (WI) MGT 300/MKT 301 Applied Business Analytics Social Science II** (SS) General Elective or Minor Course  15 CF  FALL 2026 IS 350 IS Internship IS 444 Mobile Application Development (Offered fall)	3 3 3 3 <b>REDITS</b>	IS 330 Business Application Programming IS 355 Exchange Server and Messaging Systems Humanities II* (HUM) General Elective or Minor Course  15 CR  SPRING 2027 IS 432 Network Security-Firewalls, IDS, and Counter Measures IS 481 IT Project Management	3 3 3 3 EDITS

#### **PROGRAM POLICIES**

Specific information regarding program policies and tracks (if applicable) may be found in the Stevenson University Catalog. Please consult with your academic advisor/success coach if you need additional information.

Prerequisite and co-requisite information is listed in the course descriptions.

No student, regardless of major, will be permitted to advance to the next course without earning a grade of "C" or better in the prerequisite course(s). When a grade below a "C" is earned in a major course, the student must repeat that course. A course may be repeated once without special permission.

#### **COURSE INFORMATION**

FYS-100 First Year Seminar 1-credit course required for all first-year students.

INT-100 Principles of Academic Integrity 0-credit Blackboard course required for all students.

### SU0-101

Online Learning Strategies and Success O-credit Blackboard course to prepare for taking SU online classes.

#### **GENERAL EDUCATION NOTES**

Stevenson Educational Experience (SEE) courses are identified in blue.

- Specific courses that fulfill SEE requirements are listed in the SU Catalog, on the SU Now Portal, and through Student Planning.
- Students must complete all SEE and major requirements and earn a minimum of 120 credits
- A minimum of 15 credits must be taken at the 300/400 level.
- \*HUMANITIES classes must be from at least three different disciplines.
- \*\*SOCIAL SCIENCE classes must be from two different disciplines