University of Dubuque

Computer Information Technology

2026-2027 Catalog

*Information subject to change

First Year

FALL			SPRING		
COURSE #	COURSE TITLE	HRS	COURSE #	COURSE TITLE	HRS
WVS 101	World View Seminar I	3	WVS 201	World View Seminar II	3
MATH 112	College Algebra	3	CIS 284	Operating Systems	3
CIS 166	Data Analysis	3	MATH 150	Precalculus	4
CIS 213	Networking I	3		Gen. Ed.	3
	Gen. Ed.	3		Gen. Ed.	3
	FALL TOTAL	15		SPRING TOTAL	16
	CUMULATIVE TOTAL	15		CUMULATIVE TOTAL	31

Second Year

FALL			SPRING		
COURSE #	COURSE TITLE	HRS	COURSE #	COURSE TITLE	HRS
CIS 215	Fund. of Programming with Java	3	MATH 230	Intro. to Statistics	3
CIS 313	Networking II	3	CIS 315	Advanced Java	3
	Gen. Ed.	3		Gen. Ed.	3
	Gen. Ed.	3		Gen. Ed.	3
	Gen. Ed.	3		Gen. Ed.	3
	FALL TOTAL	15		SPRING TOTAL	15
	CUMULATIVE TOTAL	46		CUMULATIVE TOTAL	61

Third Year

FALL			SPRING		
COURSE #	COURSE TITLE	HRS	COURSE #	COURSE TITLE	HRS
CIS 332	Database Systems I	3	CIS 205	Web Publishing	3
CIS 338	Security I	3	CIS 207	PC Internals	3
CIS 310	Servers	3	CIS XXX	CIS Elective	3
BAC 201	Principles of Management	3	BAC 241	Principles of Financial Accounting	3
	Gen. Ed.	3		Gen. Ed.	3
	FALL TOTAL	15		SPRING TOTAL	15
	CUMULATIVE TOTAL	76		CUMULATIVE TOTAL	91

Fourth Year

FALL			SPRING		
COURSE #	COURSE TITLE	HRS	COURSE #	COURSE TITLE	HRS
CIS 404	Systems Analysis & Design	3	CIS 405	Project Management	3
CIS 495	Information Policies	1	CIS XXX	CIS Elective	3
BAC 340	Effective Business Communication	3		Gen. Ed. (science - anytime)	4
CIS XXX	CIS Elective	3		Elective	3
	Gen. Ed.	3			
	Elective	3			
	FALL TOTAL	16		SPRING TOTAL	13
	CUMULATIVE TOTAL	107		CUMULATIVE TOTAL	120

General Education Requirements to be taken when "Gen. Ed." is listed (13 courses): COM 101, ENG 101, ENG 104, Natural Science (4 cr.), Env. Stewardship, Social Development, Intercultural Engagement, Literature, Fine & Performing Arts, Judeo Christian Traditions, Hist./Phil./Politics, Physical Wellness (2 cr. + 1 cr.), Personal/Fin. Stewardship

Suggestions:

*It is recommended that you take ENG 101, COM 101, & ENG 104 within your first 4 semesters