

Course Sequences and Curriculum Pattern

Computer Information Systems Major

Freshman	Credit hours		Credit hours
Fall		Spring	
ENG 101 English Composition	3	ENG 102 English Composition	3
HUM 101 Intro. to Humanities	3	MTH 103 College Algebra	3
CIS 150 Intro. to Computer Science	3	PSY 100 Intro. to Psychology	3
PE 101 Physical Education	1	CIS 206 Intro. to Web Technology	3
EDU 100 College Orientation	1	PE 102 Physical Education or PE 306	1/2
SS* Elective	3	HUM 102 Intro. to Humanities	3
	14		16/17
Sophomore			
HIS 235 African American History I	3	HIS 236 African American History II	3
ENG 201 Pract. In Writing or ENG 202	3	CIS 212 Formal Thinking	3
CIS 207 Advance Web Technology	3	CIS 215 Essentials of Project Management	3
CIS 250 Fundamental of Prog. Lang.	3	Elective	3
NS 101	4	MTH 200 Elementary Statistic	3
	16		15
Junior			
CIS 300 Information Security & Policy	3	CIS 316 Project. Risk & Leadership Mang.	3
CIS 302 Computer Infor. Systems	3	MTH 262 Discrete Mathematics	3
CIS 315 Project Cost & Schedule Manag.	3	CIS 370 Computer Ethics	3
CIS 350 Intro. to Software Engineering	3	CIS 371 Research Methods	3
*Humanities Elective	3	CS 415 Digital Forensics and Investigations	3
	15		15
Senior			
CIS 413 Electronic Commerce	3	CIS 412 Database Manage. Systems II	3
CIS 410 Database Manage. Systems I	3	CIS 330 Network & Data Communication	3
CIS 416 Internship***	6	CS 430 Network Security	3
Foreign Languages	3	CIS 475 Seminar**	2
	15	Electives	3
			14

- A grade of "C" or better is required for all CS or CIS courses
- The minimum number of semester hours in major needed for graduation is: 53.
- The minimum number of semester hours needed for graduation is: 120.
- *See General Requirements.
- *Initial math course is based on math placement test.
- *Humanities electives: ART 211, ENG 205, MUS 211, PHI 210, or REL 210
- ** Sign Language is not considered a substitute for the Foreign Language requirement
- *** CS 416 Internship can be completed with two semester work (Fall and Spring: Senior Year)
- *** Grade I will be assigned and will replace to the subsequent semester,
- ****CS 475 is a senior seminar course for Department of Computer Science Requirement