

Computer Science Technology Master Schedule

Fall 1st-year Students

	Course	Hours
Core	CIS117 Database Mgmt. Apps	3
Core	CIS 161 Intro to Networking	3
Cyber Security Track Requirement	CIS 280 Network Security	3
IT Admin Track Requirement	CIS 287 SQL Server	3
Academic	Fine Art/Humanities Elective	3
Academic	MTH 116t Mathematical Apps	3

Spring 1st-year Students

Core	CIS 207 Intro to Web Dev	3
Core	CIS 269 Hardware Support	3
Core	CIS 171 Linux I	3
Cyber Security Track Requirement	CIS 245 Cyber Defense	3
IT Admin Track Requirement	CIS 162 Advanced Networking	3
IT Admin Track Requirement	CIS 277 Network Services Administration	3
Academic	MTH 131, MTH 100, BIO, CHM, GEO 101, PHS, or PHY	3-4

Summer Semester

Core	CIS 130 Intro to Info Systems	3
Core	CIS 212 Visual Basic Programming	3
Core	CIS 251 C++ Programming	3
Academic	Speech or Humanities/Fine Arts Elective	3
Academic	CIS 146 Microcomputer Apps	3

Fall 2nd-year Students

Core	CIS 268 Software Support	3
Cyber Security Track Requirement	CIS 246 Ethical Hacking	3
Cyber Security Track Requirement	CIS 214 Security Analysis (Pen Testing)	3
IT Admin Track Requirement	CIS 260 Network Security and Risk Management	3
Academic	ENG 101	3

Spring 2nd-year Students

Core	CIS 294 Special Topics	3
Core	WKO 106 Workplace Skills	3
Cyber Security Track Requirement	CIS 282 Computer Forensics	3
IT Admin Track Requirement	CIS 267 Enterprise Virtualization	3
Academic	Social Science Elective	3

CIS 284 may be substituted for any 200 level course
 Except for CIS 280 Network Security 3

Total Hours

69-70

Revised 5/25/2017