

KISHWAUKEE COLLEGE
Computer Information Systems Degree #437 Programming Option
Current Credit Hours 62-63/Proposed Credit Hours 60-61

Catalog Year: 2017

Course	Title	Current Hours	Proposed Hours
Fall Semester - First Year			
CIS 101	Introduction to Computers	3	3
CIS 110	Visual Basic Programming	3	0
CIS 111	Logic and Program Design	3	3
CIS 115	Internet Fundamentals	2	2
CIS 118	Foundations of Web Site Development	3	3
ENG 103	Composition I OR		
ENG 109	Intro to Technical Report Writing	3	3
	Total	17	14
Spring Semester - First Year			
CIS 119	JavaScript	0	3
CIS 123	Management Information Systems	3	3
CIS 140	Networking Fundamentals	4	4
COM 100	Oral Communication	3	3
MAT 150	College Algebra OR		
MAT 210	Finite Mathematics	3-4	3-4
Social Science Elective		3	0
	Total	16-17	16-17
Fall Semester - Second Year			
CIS 150	C++ Programming I	3	3
CIS 160	Java Programming I	3	3
CIS 170	Introduction to UNIX	3	3
CIS 237	Database Management and SQL	3	0
Humanities Elective		3	3
Social Science Elective		0	3
	Total	15	15
Spring Semester - Second Year			
CIS 236	CIS Project OR		
CIS 296	CIS Internship	3	3
CIS 237	Database Management and SQL	0	3
CIS 238	Systems Analysis and Design	3	0
CIS 250	C++ Programming II	3	3
CIS 260	Java Programming II	3	3
CIS 265	Server-Side Programming	0	3
CIS Electives		2	0
	Total	14*	15
	Program Total	62-63	60-61

* Current catalog has error: 13-14

CIS Electives: *There are no CIS electives available in this option in the new proposal*

CIS	110	Visual Basic Programming	3	remove
CIS	121	Web Animation-Flash	2	remove
CIS	122	Web Site Creation Software	2	remove
CIS	142	PC Repair and Configuration	3	add
CIS	150	C++ Programming I	3	
CIS	182	Windows Server Fundamentals I	3	
CIS	210	Visual Basic Programming II	3	remove
CIS	238	Systems Analysis and Design	3	remove
CIS	250	C++ Programming II	3	
CIS	270	Fundamentals of Linux Administration	3	
CIS	282	Windows Server II Networking	3	
CIS	283	Network Security+	3	

Other relevant courses with consent of CIS department

Note: CIS courses not on electives list

CIS	105	Introduction to Microsoft Windows	1
CIS	106	Computer Information Systems Seminar	.5-3
CIS	133	Spreadsheets/Excel	3
CIS	135	Database/Access	3
CIS	143	Wireless Communication	2
CIS	145	Cisco Networking I	4
CIS	146	Cisco Networking II	4
CIS	147	Cisco Networking III	4
CIS	148	Cisco Networking IV	4
CIS	184	Windows Professional Configuration	3
CIS	206	CIS Advanced Topics Seminar	1-4