

Computer Programming Degree (CPRD)

Associate in Science Degree in Computer Studies and Information Processing (AS_COMI)

Knight Campus, Warwick only

The Computer Programming concentration prepares students to enter a modern programming environment. The program stresses problem definition and solution design using different programming languages in the development of applications.

Note: All students must obtain a grade of at least C in all computer course requirements and must maintain a 2.0 GPA. Many courses require prerequisites, corequisites and/or testing. [See course descriptions for details.](#)

RECOMMENDED COURSE SEQUENCE

General Education Requirements

COURSE NO.	COURSE TITLE	COURSE NOTES	CREDITS
ENGL 1010 OR 2100	Composition I OR Technical Writing		3
Humanities, Math/Science OR Social Science Elective		See this page for complete list of courses that fulfill the HUMN, MSCI or SSCI attribute. MATH 1139 or above recommended.	6
MATH Elective	For students who plan to transfer to a four-year institution, choose from: MATH 1139, 1200, 2077, 2110, 2111, 2138, 2141, 2142, 2243, 2362 *Note: Most baccalaureate Computer Science Programs will have a Calculus requirement. For students who do not plan to transfer, choose from: MATH 1139, 1200, 1240, 1241, 2077, 2110, 2111, 2138, 2141, 2142		3
Math/Science OR Social Science Elective		See this page for complete list of courses that fulfill the MSCI or SSCI attribute. MATH 1139 or above recommended.	3
Social Science Elective		See this page for complete list of courses that fulfill the SSCI attribute.	3
COMM Elective	COMM 1100, 1110 OR 1180		3
Total General Education Requirements Credits			21

Major Requirements

COURSE NO.	COURSE TITLE	COURSE NOTES	CREDITS
COMI 1100	Introduction to Computers		3
COMI 1150	Programming Concepts		3
COMP 1200	Database Design & Management		3
COMI 2015	Introduction to Microsoft Project		1
COMP 2430	Operating Systems		4
COMI 1800 OR 1840	Computer Networking Software OR Windows Server		3
COMP 1230	Systems Analysis and Design	Computer Studies Department recommends COMP 1230 in final semester.	4
Programming Language Sequence	Take six credit sequence of COMI 1510, 2510 OR COMI 1225, 2225	Computer Studies Department recommends COMI 1150 as a prerequisite.	6
Programming Language Electives	Take six credits from programming attribute PROG.		6
Electives	Take any six credits from COMI/COMP/CNVT. See suggested electives below.		6
ACCT, BUSN OR LAWS Elective	Select three credits from Accounting, Business, Law Enforcement OR Legal Studies.	See course descriptions.	3
Total Major Requirements Credits			42

Total Program Credits 63

Suggested electives for Database emphasis

COMI 1225, 1260, 2010, 2036