

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

Students planning to transfer to RIC or URI should please check the recommendations on [this page](#).