

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

This is the suggested plan of study to graduate in four years with a Bachelor of Science in Computer Sciences, as well as room for a second major (36 credits) in another discipline. This plan assumes the student has not taken three years of high school foreign language.

Details of this plan vary depending on course rotation. Sequence and timing of Gen Ed courses is flexible and can be adjusted based on course availability and requirements within second majors and/or minors.

Please consult the online course catalog for detailed course descriptions.

YEAR ONE

Fall	Credit	Spring	Credit
CSCI 140 Foundations of Computer Science	3	CSCI 195 Programming I	3
CSCI-270 Networks and Data Communications	3	CSCI 250 Introduction to Cybersecurity	3
Oral Communication	3	IL 101 Information Literacy	1
ENGL 101 English Composition	3	KIN 149 Wellness Concepts	1
Creative Arts	3	PHIL 100/200	3
		Natural Science	3
Total Credits	15	Total Credits	14

YEAR TWO

Fall	Credit	Spring	Credit
CSCI 281 Discrete Structures	3	CSCI 310 Data Structures	3
CSCI 295 Programming II	3	Second Language 102	3
CSCI 499 Internship in Computer Science	3	Theology, Philosophy, Catholic Studies, Justice	3
THEO 100/200	3	DEI	3
Second Language 101	3	Elective	3
KIN Activity or Smartian Skills	1		
Total Credits	16	Total Credits	15

YEAR THREE

Fall	Credit	Spring	Credit
CSCI 300 Systems Analysis and Design	3	CSCI 294 Contemporary Programming Topics	3
CSCI 330 Web Programming	3	CSCI 320 Computer Architecture	3
Theology, Philosophy, Catholic Studies, 300+	3	CSCI 393 Algorithm Design and Analysis	3
Humanities	3	DEI	3
WI Course from another Department	3	Elective	3
Total Credits	15	Total Credits	15

YEAR FOUR

Fall	Credit	Spring	Credit
CSCI 400 Programming Language Concepts	3	CSCI 360 Database Management Systems	3
WI CSCI 435 Legal & Ethical Issues in Computing	3	CSCI 410 Operating Systems	3
Humanities	3	Elective non-CIS	3
Elective non-CIS	3	Elective non-CIS	3
Elective	3	Elective	3
Total Credits	15	Total Credits	15