

2019 Curriculum in Computer Science Department of Computer Science

Student Name _____
ID# _____

GPA _____
Hours _____

Freshman Year (0-34)

First Semester	CR	HR	TRSF	Second Semester	CR	HR	TRSF
Intro to Computer Science (CSCI 150)	3	—	—	Programming I (CSCI 210)	3	—	—
*College Algebra & Trig I (MATH107)	4	—	—	*College Algebra & Trig II (MATH108)	4	—	—
English Composition I (ENGL 101)	3	—	—	English Composition II (ENGL 102)	3	—	—
World Civilization I (HIST 103)	3	—	—	World Civilization II (HIST 104)	3	—	—
Humanities Elective I _____	2	—	—	Humanities Elective II _____	3	—	—
Physical Education _____	1	—	—	Freshman Orientation (OREN 101)	1	—	—
Freshman Orientation (OREN 100)	1	—	—				

Sophomore Year (35-65)

First Semester	CR	HR	TRSF	Second Semester	CR	HR	TRSF
Programming II (CSCI 220)	3	—	—	Data Structures (CSCI 230)	3	—	—
Comp. Org. & Assem. Lang. (CSCI 225)	3	—	—	Social Science Elective _____	3	—	—
Calculus I (MATH 207)	4	—	—	Principles of Economics (ECON 201)	3	—	—
Physical Education _____	1	—	—	Calculus II (MATH 208)	4	—	—
Natural Science Elective _____	4	—	—	Computer Architecture (CSCI 335)	3	—	—
				English Proficiency Exam (EPE)	0	—	—

Junior Year (67-95)

First Semester	CR	HR	TRSF	Second Semester	CR	HR	TRSF
Technical Writing (ENGL 203/204)	3	—	—	Programming Language (CSCI 320)	3	—	—
Discrete Math Structures (CSCI 300)	3	—	—	Database Management (CSCI 340)	3	—	—
App. Stat. & Stat. Comp (CSCI 360)	3	—	—	Design & Analy. of Algorithms (CSCI 350)	3	—	—
Computer Networks (CSCI 370)	3	—	—	Information Security (CSCI 380)	3	—	—
Computer Science Elective _____	3	—	—	Theory of Computation (CSCI 445)	3	—	—

Senior Year (97-126)

First Semester	CR	HR	TRSF	Second Semester	CR	HR	TRSF
Software Engineering (CSCI 430)	3	—	—	Operating Systems (CSCI 435)	3	—	—
Ethic. & Soc. Issues in Comp (CSCI 481)	3	—	—	Senior Design Project (CSCI 453)	3	—	—
Linear Algebra (MATH 407)	3	—	—	Business Communication (BUSN 400)	3	—	—
Computer Science Elective _____	3	—	—	Computer Science Elective _____	3	—	—
Computer Science Elective _____	3	—	—	Natural Science Elective _____	4	—	—

* Students may be exempted (but credit hours must be replaced) based on Mathematics placement policy and/or SAT/ACT (math) scores.

** A minimum grade of “C” is required in ENGL 101, 102, ECON 201, BUSN, CSCI, and MATH courses. Course work in natural science must include the equivalent of a two-semester sequence (with lab) for science majors.

*** The Computer Science Electives need to be 300 or 400 level computer science courses.

SPECIAL NOTE: Please refer over to the list of suggested electives.

I hereby verify that the information contained in this curriculum, including all credit hours, grades, and transfer course(s), is complete and correct to the best of my knowledge. Any deviation from the registrar’s record may result in denial of application for graduation and/or delaying graduation.

Student’s Signature

Date

Advisor

Department Head

List of Suggested Electives

Humanities Elective I	Humanities Elective II	Social Science Elective	Natural Science Elective
FPAR 101	PHIL 201	POLS 200	BIOL 111
FPAR 110	PHIL 203	POLS 201	BIOL 112
FPAR 203	PHIL 204	SOCI 240	BIOL 120
FPAR 204	PHIL 205	SOCI 241	BIOL 121
MUSC 102	PHIL 211	PSYC 270	BIOL 230
MUSC 103	PHIL 212	PSYC 272	BIOL 231
MUSC 110	PHIL 237	ECON 201	CHEM 200
MUSC 111	PHIL 347	ECON 202	CHEM 221
MUSC 112	PHIL 348	ECON 203	CHEM 222
MUSC 113		ECON 204	CHEM 231
MUSC 208		HIST 210	CHEM 232
MUSC 304		HIST 211	CHEM 233
MUSC 305			CHEM 234
			PHYS 210
			PHYS 211
			PHYS 301
			PHYS 302
			PHYS 303
			PHYS 304
			PHYS 310
			PHYS 311
			PHYS 313
			PHYS 314