

ABRAHAM S. FISCHLER COLLEGE OF EDUCATION & SCHOOL OF CRIMINAL JUSTICE SAMPLE FOUR YEAR CURRICULUM | 2023-2024 CATALOG SECONDARY COMPUTER SCIENCE EDUCATION DEGREE CURRICULUM SHEET | 2022-2023 CATALOG

	Freshman Year		
Fall		Winter	
Course	Credits	Course	Credits
UNIV 1000: First Year Seminar	3	COMP 2000 or COMP 2020 (Open Written Composition)	3
COMP 1500: College Writing (Open Written Composition)	3	HIST 1030 or HIST 1040 (preferred)	3
MATH 2100: Calculus I	4	ESOL 3340: Survey of TESOL for Teachers	3
EDUC 2010: Foundations of Education	3	MATH 2020: Applied Statistics	3
ESOL 2903: Cross Cultural Studies	3	EDUC 3535: Educational Assessment	3
Total Credits	16	Total Credits	15
	Sophomore Year		
Fall		Winter	
Course	Credits	Course	<u>Credits</u>
Social and Behavioral Science	3	Open Science	3
CSIS 1800: Introduction to Computer and Information Science	3	CSIS 2050: Discrete Mathematics	4
CSIS 2101: Fundamentals of Computer Programming	4	EDUC 4010: Foundations of Curriculum Development	3
EDUC 3525: Practices of Instruction	3	CSIS 3101: Advanced Computer Programming	4
EDUC 3350: Survey of ESE for Teachers	3		
Total Credits	16		14
	Junior Year		
Fall		Winter	
Course	Credits	Course	Credits
Social and Behavioral Science	3	CSIS 4020: Mobile Computing	3
Open Arts and Humanities	3	Open Science	3
CSIS 3400: Data Structures	3	SECE 4560: Methods of Teaching Secondary Reading	3
CSIS 3020: Web Programming	3	CSIS 3750: Software Engineering	4
Total Credits	12	Total Credits	13
	Senior Year		
Fall		Winter	
Course	Credits	Course	Credits
		TECH 4950: Internship in Information Technology	3
SECE 4380: Methods of Teaching Computer Science	3	Elective	3
ESOL 4565: Second Language Learning	3	SECE 4320: Secondary Classroom Management	3
EDUC 4510: Race, Society, and Ethics	3	Elective	3
CSIS 4010: Computer Security	3		
Total Credits	12	Total Credits	12