Cleveland State University

Bachelor of Arts in English and Computer Science

Name _____   **I.D. No.**_____

ENGLISH + COMPUTER SCIENCE DEGREE MAP (Effective Fall 2024)

First Year							
Fall Semester	**Credits**	**Major**	**Gen Ed**	**Spring Semester**	**Credits**	**Major**	**Gen Ed**
ENG 100/101 College Writing I	3		W/C	ENG 102 College Writing II	3		W/C
MTH 148 Mathematics for Business Majors I or MTH 181 Calculus I	3 or 4	X	M/QL	Natural Science Lecture Elective + Lab	4		NS + NS Lab
CIS 151 Invitation to Computing OR ESC 151 C Programming	3	X		CIS 260 Introduction to Programming	4	X	
Arts & Humanities Elective (ALAAME)**	3		A&H	MTH 149 Mathematics for Business Majors II or MTH 182 Calculus II	4		M/QL
ESC 100 or ASC 101 Orientation*	1		INTRO				
Semester Total	13 or 14			Semester Total	15		

Second Year							
Fall Semester	**Credits**	**Major**	**Gen Ed**	**Spring Semester**	**Credits**	**Major**	**Gen Ed**
CIS 265 Data Structures & Algorithms	4	X		Social Sciences Electives	3		SS
Natural Science Lecture Elective	3		NS	ENG 200-level elective	3	X	E
Social Science (ALAAME)**	3		SS	African American Experience	3		AAE
ENG 306 Literary Analysis	3	X		CIS 390 Introduction to Algorithms	3	X	
MTH 220 Introduction to Discrete Mathmatics	3	X	M/QL	Arts & Humanities Elective**	3		A&H
Semester Total	16			Semester Total	15		

Third Year							
Fall Semester	**Credits**	**Major**	**Gen Ed**	**Spring Semester**	**Credits**	**Major**	**Gen Ed**
Upper level CIS (408, 424,430, 434, 490)	3	X		Foreign Language	4	X	
CIS 467 Artificial Intelligence	3	X		General Elective* 300/400 level	3		
ENG 301/506: Digital Writing and Technologies	3	X		CIS 335 Language Processors	3	X	
General Elective* 300/400 level	3		A&H/WAC	ENG 310 Traditional Grammar	3	X	
Foreign Language	4			ENG Elective 300/400-level	3	X	
Semester Total	16			Semester Total	16		

Fourth Year							
Fall Semester	**Credits**	**Major**	**Gen Ed**	**Spring Semester**	**Credits**	**Major**	**Gen Ed**
CIS 492 Special Topics in Comp Sci	3	X		Upper level CIS (368, 408, 424,430, 434, 490)	3	X	
ENG 400 Critical Research Methods	3	x		ENG 495 Senior Seminar	3	X	CAP
ENG Elective 300/400 level	3	x		ENG Elective 300/400-level	3		
General Elective 300/400 level	3			General Elective 300-400	3		
General Elective	2			U.S. Diversity	3		DIV
Semester Total	14			Semester Total	15		
Degree Total hours:	120						

Gen Ed Key:

INTRO = Introduction to University Life Requirement (one course)
W/C = Writing/Composition Requirement (two courses; **C or better** require
M/QL = Mathematics/Quantitative Literacy Requirement (two courses)
NS = Natural Sciences (two courses, one of which must have a lab)
* ESC 100 is waived for transfer students.
** of the SS and A&H courses focused outside the US, one must be focused on Africa, Latin America, Asia or the Middle East (ALAAME)

SS = Social Sciences Req (2 courses, one of which must be focused outside the US**)
A&H = Arts & Humanities Requirement (2 courses, one must be focused outside the US**)
DIV = Social Diversity Req (2 courses; one US Diversity and one African American Exp.)
WAC/SPAC = Writing/Speaking Across the Curriculum Req (3 courses, one in the major)
CAP = Capstone Requirement

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