Cleveland State University
College of Arts & Sciences and Washkewicz College of Engineering
Bachelor of Arts English and Computer Science

English + Computer Science Degree Map (Effective Fall 2025)

First Year

Fall Semester	Credits	Major	CC	Spring Semester	Credits	Major	CC
ENG 100 Intensive College Writing or ENG 101 College Writing I	3		FYV	ENG 102 College Writing II or ESC 102 Technical Writing	3		RPW
MTH 148 Business Math I or MTH 181 Calculus I	3 or 4		FQR	MTH 149 Business Math II or MTH 182 Calculus II	4		DDL/ FQR
Human Culture and Creativity (CC)	3		HCC	CIS 260 Introduction to Programming	4		
CIS 151 Invitation to Computing	3	X		Science Inquiry (CC)	3		SI
Inquiry Launch (CC)	3		IL	Science Investigations (CC)	1		SIL
Semester Total	15 or 16			Semester Total	15		

Second Year

Fall Semester	Credits	Major	CC	Spring Semester	Credits	Major	CC
CIS 265 Data Structures & Algorithms	4	X		CIS 390 Introduction to Algorithms	3	X	
Science Inquiry (CC)	3		SI	ENG 200 Level Elective	3	X	
Society and Human Behavior (CC)	3		SHB	African American History and Culture (CC)	3		AAHC
ENG 306 Literary Analysis	3	X	WAC	General Elective	3		
MTH 220 Intro to Discrete Math	3			General Elective	3		
				ESC 130 Engineering & Computer Science Career Preparation*	1		
Semester Total	16			Semester Total	16		

Third Year

Fall Semester	Credits	Major	CC	Spring Semester	Credits	Major	CC
CIS Major Elective 300/400 Level	3	X		CIS 335 Language Processors	3	X	
CIS 467 Artificial Intelligence	3	X		ENG 310 Traditional Grammar	3	X	
ENG 301/506: Digital Writing and Tec.	3	X		ENG Elective 300/400 Level	3	X	
Global Human Perspectives (CC)	3		GHP	General Elective	3		
General Elective	3			General Elective	3		
Semester Total	15			Semester Total	15		

Fourth Year

Fall Semester	Credits	Major	CC	Spring Semester	Credits	Major	CC
CIS Major Elective 300/400 Level	3	X		CIS Major Elective 300/400 Level	3	X	
ENG 400 Critical Research Methods	3	X	WAC	ENG 495 Senior Seminar	3	X	CAP
ENG Elective 300/400 Level	3	X		ENG Elective 300/400 Level	3	X	
General Elective	3			General Elective	2		
General Elective	3			Diversity in Society (CC)	3		DS
Semester Total	15			Semester Total	14		

Total Degree Hours: 121-122 including optional 1 credit ESC 130 course

*ESC 130 Engineering & Computer Science Career Preparation is an optional course for the interested students

The plan above is a suggested guide to ensure that all General Education, College, University, and Major requirements are met within 4 years of study. Students may deviate from the suggested placement of Gen Ed courses, although the M/QL and W/C requirements need to be completed during the first year.

General Electives ensure that a student accumulates the minimum credit hour totals needed for graduation. Students must have a **minimum of 120 total credit hours**. Depending upon elective choices made, students may not need as many electives as indicated above or may need additional electives.

Core Curriculum Key:		
IL = Inquiry Launch	HCC = Human Culture and Creativity	SI = Scientific Inquiry
FYV = Finding Your Voice	GHP= Global Human Perspectives	SIL = Scientific Investigations Lab
RPW = Research & Professional Writing	WAC = Writing Across the Curriculum Req	DS = Diverse Society
AAHC = African-American History and Culture	CAP = Capstone Requirement	DDL= Data & Digital Literacy
FQR = Formal & Quantitative Literacy	SHB = Society & Human Behavior	

Last Updated February 8 2025