

# Data Science Track (Computer Science Major)

## University Writing Proficiency and Placement Information

Writing Proficiency earned by . . . circle one: ENGL 111    ACT/SAT/CLT (Score:       )    AP    CLEP    IB

Refer to each term's "Core Options" document for available choices.

**If transfer student has ENGL 111 composition only**, enroll in a 200-level Effective Communication course.

**If transfer student has a 200-level (or above) composition course**, check for Speech course. If no Speech listed, enroll in COMM 211.

**If transfer student has a 200-level composition course AND a Speech course**, he or she is proficient.

**If student has no test scores**, enroll in ENGL 102.

**ACT English = 24-25, SAT W/L 31-32, CLT W/G 30-31:** take Writing Step-Up Exam in first semester.

<b>ACT English 20-23, SAT W/L 28-30, CLT W/G 24-29:</b> ENGL 111	3	<b>Wellness Proficiency</b>	
<b>ACT English 16-19, SAT W/L 23-27, CLT W/G 19-23:</b> ENGL 102	2	Complete in University Seminar or check the	
<b>ACT English ≤ 15, SAT W/L ≤ 22, CLT W/G ≤ 18:</b> ENGL 100	1	<i>Advising Handbook</i> for instructions.	0

## Core Curriculum Requirements

	Cr	<input checked="" type="checkbox"/>		Cr	<input checked="" type="checkbox"/>
GSCI 100 University Seminar	1		Effective Communication Option (WPR)**	3	
BIBL 111 Essential Christianity	3		MATH 210 Statistics	3	
BIBL 115 Old Testament Literature	3		Historical Inquiry Option*	3	
BIBL 116 New Testament Literature	3		Artistic Expression Option*	3	
Christian Stewardship: FIN 138 Personal Finance	3		Behavioral and Social Sciences Option*	3	
Healthy Relationships: PSYC 138 (Preferred) or 112	3		Humanities Option*	3	
Reading and Imagination: ENGL 123*	3		BIBL 360 - 370 Book Study (WPR)*	3	
Natural Science without Lab Option*	3		ICST 350 Global Connections*	3	
Natural Science with Lab Option*	4		THEO 320 Pentecost	3	
*Refer to each term's "Core Options" document for available choices.			**ENGL/COMM 205 or 341; ENGL 211, 212, or 236		
WPR = Writing Proficiency Required: ENGL 111 or ACT English ≥ 26			If student has ENGL 201 in transfer, enroll in COMM 211.		

## Program Requirements

	Cr	<input checked="" type="checkbox"/>		Cr	<input checked="" type="checkbox"/>
CPSC 111 Introduction to Computer Science	3		MATH 231 Calculus I	4	
CPSC 211 Data Structures	3		MATH 232 Calculus II	4	
CPSC 225 Computer Hardware Organization	3		MATH 233 Calculus III	4	
CPSC 231 Introduction to File Processing	3		MATH 212 Discrete Mathematics	3	
CPSC 311 Systems Analysis and Design	3		MATH 310 Probability and Statistical Inference	3	
CPSC 415 Operating Systems	3		MATH 331 Linear Algebra	3	
CPSC 435 Artificial Intelligence	3		MATH 448 Data Science	3	
CPSC 441 Database Management Systems	3				
CPSC 448 Big Data	3				
CPSC 497 Internship					
CPSC 493 Senior Project	3				

**Minimum total credits to graduate    124**

\*Refer to each term's advising handbook for options

WPR = Writing Proficiency Required

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