Huntington University
Guide to Typical Programs, 2021-2025

Computer Science *(B.S. Degree)*
Mathematics Track
Advisor: Dr. Lehman

Note that this is a "Typical Program." Actual programs will vary. See the Academic Catalog for official details.

Fall 2021			**J-Term 2022**		**Spring 2022**			**Summer 2022**
CS 111:	Intro to Computer Science	4	Required J-Term	2	CS 216:	Programming II	3	
MA 165:	Intro to Discrete Mathematics	3			MA 172:	Calculus II	4	
MA 171:	Calculus I	4			HS 116:	Hist Persp on Cult & Civ II	3	
HS 115:	Hist Persp on Cult & Civ I	3			EN 151:	Perspectives on Literature	3	
EN 121:	Academic Writing & Research	3				Core Curriculum Social Sci	3	
	total	**17**	**total**	**2**		**total**	**16**	**total**
Fall 2022			**J-Term 2023**		**Spring 2023**			**Summer 2023**
* CS 315:	Comp Arch & Assemb Lang	4	Required J-Term	2	* CS 245:	Syst Analysis & Design Methods	3	
BT ___:	Introductory Bible	3			* CS 286:	Visual Programming	3	
CO 215:	Public Speaking	3			MI 285:	Understand the Christian Faith	3	
EX 101:	Wellness for Life	2				Core Curriculum Social Sci	3	
115:	Intro to AR/DM/MU/TH	2				Elective [300+ level][2]	3	
	total	**14**	**total**	**2**		**total**	**15**	**total**
Fall 2023			**J-Term 2024**		**Spring 2024**			**Summer 2024**
* CS 325:	Data Structures	4	Required J-Term	2	PH 212:	Principles of Physics II	4	
* CS 415:	Database Mgmt Systems	3			BT____:	Bible Elective [300+ level]	3	
PH 211:	Principles of Physics I	4				Electives	8	
PL____:	Intro to Philosophy/Ethics	3						
	total	**14**	**total**	**2**		**total**	**15**	**total**
Fall 2024			**J-Term 2025**		**Spring 2025**			**Summer 2025**
* CS 425:	Principles of Networking	4			* CS 355:	Operating Systems	3	
CS 435:	Sr Project I: Analysis & Design	3			CS 436:	Sr Project II: Implementation	3	
	Electives	9			* MA 311:	Linear Algebra	3	
					* PH 261:	Analog & Digital Electronics	2	
						Creative Studio Arts	1	
						Elective [300+ level][2]	3	
	total	**16**	**total**			**total**	**15**	**total**

NOTES:

1. Students who take mathematics or computer science courses must demonstrate satisfactory mathematics placement scores prior to enrolling in their intended mathematics or computer science courses *(see mathematics placement policy in Catalog under Academic Information)*.
2. Majors must be careful in selection of electives so that a sufficient number of upper division courses are taken. A minimum of 36 hours of 300+ courses is required for graduation.

*Indicates alternating year course.

Underlining indicates required for major.