

Huntington University

Guide to Typical Programs, 2021-2025

Computer Science (B.S. Degree)

Digital Media 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: <u>Intro to Computer Science</u> 4 HS 115: Hist Persp on Cult & Civ I 3 EN 121: Academic Writing & Research 3 115: Intro to AR/DM/MU/TH 2 Core Curriculum Social Sci 3 <p style="text-align: right;">total 16</p>	Required J-Term 2 <p style="text-align: right;">total 2</p>	CS 216: <u>Programming II</u> 3 MA 161: <u>Math for Manager & Soc Sci</u> ² 4 HS 116: Hist Persp on Cult & Civ II 3 EN 151: Perspectives on Literature 3 EX 101: Wellness for Life 2 Creative Studio Arts 1 <p style="text-align: right;">total 16</p>	total
Fall 2022	J-Term 2023	Spring 2023	Summer 2023
* CS 315: <u>Comp Arch & Assemb Lang</u> 4 DM 105: <u>Tools & Media Mgmt</u> 2 MA 165: <u>Intro to Discrete Mathematics</u> 3 BT ____: Introductory Bible 3 Core Curriculum Social Sci 3 <p style="text-align: right;">total 15</p>	Required J-Term 2 <p style="text-align: right;">total 2</p>	* CS 245: <u>Syst Analysis & Design Methods</u> 3 * CS 286: <u>Visual Programming</u> 3 DM 178: <u>3D Computer Graphics I</u> 3 CO 215: Public Speaking 3 MI 285: Understand the Christian Faith 3 <p style="text-align: right;">total 15</p>	total
Fall 2023	J-Term 2024	Spring 2024	Summer 2024
* CS 325: <u>Data Structures</u> 4 * CS 415: <u>Database Mgmt Systems</u> 3 DM 278: <u>3D Computer Graphics II</u> 4 Laboratory Science 4 <p style="text-align: right;">total 15</p>	Required J-Term 2 <p style="text-align: right;">total 2</p>	* CS 175: <u>Web Scripting</u> 3 DM 378: <u>3D Computer Graphics III</u> 4 Laboratory Science 4 Elective 5 <p style="text-align: right;">total 16</p>	total
Fall 2024	J-Term 2025	Spring 2025	Summer 2025
* CS 425: <u>Principles of Networking</u> 4 CS 435: <u>Sr Project I: Analysis & Design</u> 3 PL ____: Intro to Philosophy/Ethics 3 Electives 6 <p style="text-align: right;">total 16</p>	total	* CS 355: <u>Operating Systems</u> 3 CS 436: <u>Sr Project II: Implementation</u> 3 * PH 261: <u>Analog & Digital Electronics</u> 2 BT ____: Bible Elective [300+ level] 3 Electives [300+ level] ³ 3 <p style="text-align: right;">total 14</p>	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. MA 171 may be taken in place of MA 161.
3. 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.