

# Huntington University

## Guide to Typical Programs, 2019-2023

# 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 2019	J-Term 2020	Spring 2020	Summer 2020
<u>CS 111: Intro to Computer Science</u> 4 <u>DM 105: Tools &amp; Media Mgmt</u> 2 <u>MA 165: Intro to Discrete Mathematics</u> 3 HS 115: Hist Persp on Cult & Civ I 3 EN 121: Academic Writing & Research 3 <b>total 15</b>	Required J-Term 2 <b>total 2</b>	<u>CS 216: Programming II</u> 3 <u>DM 178: 3D Computer Graphics I</u> 3 <u>MA 161: Math for Manager &amp; Soc Sci<sup>2</sup></u> 4 HS 116: Hist Persp on Cult & Civ II 3 EN 151: Perspectives on Literature 3 <b>total 16</b>	<b>total</b>
Fall 2020	J-Term 2021	Spring 2021	Summer 2021
* <u>CS 315: Comp Arch &amp; Assemb Lang</u> 4 <u>DM 278: 3D Computer Graphics II</u> 4 BR 111: Biblical History and Literature 3 Core Curriculum Social Sci 3 Creative Studio Arts 1 <b>total 15</b>	Required J-Term 2 <b>total 2</b>	* <u>CS 245: System Anal &amp; Design Meth</u> 3 * <u>CS 286: Visual Programming</u> 3 <u>DM 378: 3D Computer Graphics III</u> 4 CO 215: Public Speaking 3 MI 285: Understand the Christian Faith 3 <b>total 16</b>	<b>total</b>
Fall 2021	J-Term 2022	Spring 2022	Summer 2022
* <u>CS 325: Data Structures</u> 4 * <u>CS 415: Database Mgmt Systems</u> 3 EX 101: Wellness for Life 2 115: Intro to AR/DM/MU/TH 2 Laboratory Science 4 <b>total 15</b>	Required J-Term 2 <b>total 2</b>	* <u>CS 175: Web Scripting</u> 3 Core Curriculum Social Sci 3 Laboratory Science 4 Elective 5 <b>total 15</b>	<b>total</b>
Fall 2022	J-Term 2023	Spring 2023	Summer 2023
* <u>CS 425: Principles of Networking</u> 4 <u>CS 435: Sr Project I: Anal &amp; Design</u> 3 PL____: Intro to Philosophy/Ethics 3 Electives 6 <b>total 16</b>	<b>total</b>	* <u>CS 355: Operating Systems</u> 3 <u>CS 436: Sr Project II: Implementation</u> 3 * <u>PH 261: Analog &amp; Digital Electronics</u> 2 BR____: Bible Elective [300+ level] 3 Electives [300+ level] <sup>3</sup> 3 <b>total 14</b>	<b>total</b>

### NOTES:

- 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*).
- MA 171 may be taken in place of MA 161.
- 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.