

# Huntington University

## Guide to Typical Programs, 2020-2024

# Computer Science (B.S. Degree)

## Web Development Track

### Advisor: Dr. Lehman

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

Fall 2020	J-Term 2021	Spring 2021	Summer 2021
<u>CS 111:</u> <u>Intro to Computer Science</u> 4 <u>MA 165:</u> <u>Intro to Discrete Mathematics</u> 3 HS 115: Hist Persp on Cult & Civ I 3 EN 121: Academic Writing & Research 3 BT ____: Introductory Bible 3 <p style="text-align: right;"><b>total 16</b></p>	Required J-Term 2 <p style="text-align: right;"><b>total 2</b></p>	<u>CS 216:</u> <u>Programming II</u> 3 <u>MA 161:</u> <u>Math for Manager &amp; Soc Sci</u> <sup>2</sup> 4 HS 116: Hist Persp on Cult & Civ II 3 EN 151: Perspectives on Literature 3 Core Curriculum Social Sci 3 <p style="text-align: right;"><b>total 16</b></p>	<b>total</b>
Fall 2021	J-Term 2022	Spring 2022	Summer 2022
<u>AR 141:</u> <u>Basic 2D Design</u> 3 <u>AR 241P:</u> <u>Intro to Adobe Suite: Photoshop</u> 1 <u>AR 241I:</u> <u>Intro to Adobe Suite: Illustrator</u> 1 <u>AR 241ID:</u> <u>Intro to Adobe Suite: InDesign</u> 1 * <u>CS 325:</u> <u>Data Structures</u> 4 EX 101: Wellness for Life 2 Laboratory Science 4 <p style="text-align: right;"><b>total 16</b></p>	Required J-Term 2 <p style="text-align: right;"><b>total 2</b></p>	* <u>CS 175:</u> <u>Web Scripting</u> 3 CO 215: Public Speaking 3 MI 285: Understand the Christian Faith 3 Core Curriculum Social Sci 3 Electives [300+ level] <sup>4</sup> 3 <p style="text-align: right;"><b>total 15</b></p>	<b>total</b>
Fall 2022	J-Term 2023	Spring 2023	Summer 2023
<u>CO 213:</u> <u>Social Media</u> <sup>3</sup> 3 * <u>CS 315:</u> <u>Comp Arch &amp; Assemb Lang</u> 4 * <u>CS 425:</u> <u>Principles of Networking</u> 4 PL ____: Intro to Philosophy/Ethics 3 Creative Studio Arts 1 <p style="text-align: right;"><b>total 15</b></p>	Required J-Term 2 <p style="text-align: right;"><b>total 2</b></p>	* <u>CS 245:</u> <u>System Anal &amp; Design Meth</u> 3 * <u>CS 286:</u> <u>Visual Programming</u> 3 * <u>CS 355:</u> <u>Operating Systems</u> 3 * <u>PH 261:</u> <u>Analog &amp; Digital Electronics</u> 2 Laboratory Science 4 <p style="text-align: right;"><b>total 15</b></p>	<b>total</b>
Fall 2023	J-Term 2024	Spring 2024	Summer 2024
* <u>AR 271:</u> <u>Visual Comm &amp; Graphics</u> 3 * <u>CS 415:</u> <u>Database Mgmt Systems</u> 3 <u>CS 435:</u> <u>Sr Project I: Anal &amp; Design</u> 3 Elective [300+ level] <sup>4</sup> 3 Elective 3 <p style="text-align: right;"><b>total 15</b></p>	<b>total</b>	<u>CS 436:</u> <u>Sr Project II: Implementation</u> 3 BT ____: Bible Elective [300+ level] 3 115: Intro to AR/DM/MU/TH 2 Electives [300+ level] <sup>4</sup> 3 Elective 3 <p style="text-align: right;"><b>total 14</b></p>	<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.
- CO 241 may be taken in place of CO 213.
- 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.