

# Huntington University

## Guide to Typical Programs, 2018-2022

# 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 2018	J-Term 2019	Spring 2019	Summer 2019
CS 111: <u>Intro to Computer Science</u> 4 MA 165: <u>Intro to Discrete Mathematics</u> 3 HS 115: Hist Persp on Cult & Civ I 3 EN 121: Academic Writing & Research 3 BR 111: Biblical History and Literature 3 <b>total 16</b>	Required J-Term 2     <b>total 2</b>	CS 216: <u>Programming II</u> 3 MA 161: <u>Math for Manager &amp; Soc Sci</u> 4 HS 116: Hist Persp on Cult & Civ II 3 EN 151: Perspectives on Literature 3 Core Curriculum Social Sci 3 <b>total 16</b>	<b>total</b>
Fall 2019	J-Term 2020	Spring 2020	Summer 2020
AR 141: <u>Basic 2D Design</u> 3 AR 241P: <u>Intro to Adobe Suite: Photoshop</u> 1 AR 241I: <u>Intro to Adobe Suite: Illustrator</u> 1 * CS 325: <u>Data Structures</u> 4 EX 101: Wellness for Life 2 Laboratory Science 4 <b>total 15</b>	Required J-Term 2     <b>total 2</b>	* CS 175: <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>3</sup> 3 <b>total 15</b>	<b>total</b>
Fall 2020	J-Term 2021	Spring 2021	Summer 2021
CO 213: <u>Social Media</u> <sup>2</sup> 3 * CS 315: <u>Comp Arch &amp; Assemb Lang</u> 4 * CS 425: <u>Principles of Networking</u> 4 PL____: Intro to Philosophy/Ethics 3 Creative Studio Arts 1 <b>total 15</b>	Required J-Term 2     <b>total 2</b>	* CS 245: <u>System Anal &amp; Design Meth</u> 3 * CS 286: <u>Visual Programming</u> 3 * CS 355: <u>Operating Systems</u> 3 * PH 261: <u>Analog &amp; Digital Electronics</u> 2 Laboratory Science 4 <b>total 15</b>	<b>total</b>
Fall 2021	J-Term 2022	Spring 2022	Summer 2022
* AR 271: <u>Visual Comm &amp; Graphics</u> 3 * CS 415: <u>Database Mgmt Systems</u> 3 CS 435: <u>Sr Project I: Anal &amp; Design</u> 3 Elective [300+ level] <sup>3</sup> 3 Elective 3 <b>total 15</b>	<b>total</b>	CS 436: <u>Sr Project II: Implementation</u> 3 BR____: Bible Elective [300+ level] 3 115: Intro to AR/DM/MU/TH 2 Electives [300+ level] <sup>3</sup> 3 Elective 4 <b>total 15</b>	<b>total</b>

### 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. CO 241 may be taken in place of CO 213.
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.