

Huntington University

Guide to Typical Programs, 2017-2021

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 2017	J-Term 2018	Spring 2018	Summer 2018
<u>CS 111: Intro to Computer Science</u> 4 <u>MA 165: 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 total 16	Required J-Term 2 total 2	<u>CS 216: Programming II</u> 3 <u>MA 161: Math for Manager & Soc Sci</u> 4 HS 116: Hist Persp on Cult & Civ II 3 EN 151: Perspectives on Literature 3 Core Curriculum Social Sci 3 total 16	total
Fall 2018	J-Term 2019	Spring 2019	Summer 2019
<u>AR 141: Basic 2D Design</u> 3 <u>AR 241R: Computer Graphics: Raster</u> 1 <u>AR 241V: Computer Graphics: Vector</u> 1 * <u>CS 315: Comp Arch & Assemb Lang</u> 4 EX 101: Wellness for Life 2 Laboratory Science 4 total 15	Required J-Term 2 total 2	* <u>CS 245: System Anal & Design Meth</u> 3 * <u>CS 286: Visual Programming</u> 3 CO 215: Public Speaking 3 MI 285: Understand the Christian Faith 3 Core Curriculum Social Sci 3 total 15	total
Fall 2019	J-Term 2020	Spring 2020	Summer 2020
* <u>AR 271: Visual Comm & Graphics</u> 3 <u>CO 213: Social Media</u> ² 3 * <u>CS 325: Data Structures</u> 4 * <u>CS 415: Database Mgmt Systems</u> 3 Creative Studio Arts 1 total 14	Required J-Term 2 total 2	* <u>CS 175: Web Scripting</u> 3 BR____: Bible Elective [300+ level] 3 115: Intro to AR/DM/MU/TH 2 Laboratory Science 4 Electives [300+ level] ³ 3 total 15	total
Fall 2020	J-Term 2021	Spring 2021	Summer 2021
* <u>CS 425: Principles of Networking</u> 4 <u>CS 435: Sr Project I: Anal & Design</u> 3 PL____: Intro to Philosophy/Ethics 3 Elective [300+ level] ³ 3 Elective 3 total 16	total	* <u>CS 355: Operating Systems</u> 3 <u>CS 436: Sr Project II: Implementation</u> 3 * <u>PH 261: Analog & Digital Electronics</u> 2 Electives [300+ level] ³ 3 Elective 4 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. 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.