

Huntington University

Guide to Typical Programs, 2019-2023

Computer Science (B.S. Degree)

Information Systems 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</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 BR 111: Biblical History and Literature 3 total 16	Required J-Term 2 total 2	<u>CS 216</u> : <u>Programming II</u> 3 <u>MA 161</u> : <u>Math for Manager & Soc Sci</u> ² 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 2020	J-Term 2021	Spring 2021	Summer 2021
<u>BA 252</u> : <u>Business Org & Management</u> 3 * <u>CS 315</u> : <u>Comp Arch & Assemb Lang</u> 4 <u>Info Systems Track Elective</u> ⁴ 3 EX 101: Wellness for Life 2 Core Curriculum Social Sci 3 total 15	Required J-Term 2 total 2	* <u>CS 245</u> : <u>System Anal & Design Meth</u> 3 * <u>CS 286</u> : <u>Visual Programming</u> 3 MI 285: Understand the Christian Faith 3 115: Intro to AR/DM/MU/TH 2 Laboratory Science 4 total 15	total
Fall 2021	J-Term 2022	Spring 2022	Summer 2022
* <u>CS 325</u> : <u>Data Structures</u> 4 * <u>CS 415</u> : <u>Database Mgmt Systems</u> 3 Laboratory Science 4 Elective 3 total 14	Required J-Term 2 total 2	* <u>CS 175</u> : <u>Web Scripting</u> 3 <u>Info Systems Track Elective</u> ⁴ 3 CO 215: Public Speaking 3 Electives [300+ level] ⁵ 6 total 15	total
Fall 2022	J-Term 2023	Spring 2023	Summer 2023
* <u>CS 425</u> : <u>Principles of Networking</u> 4 <u>CS 435</u> : <u>Sr Project I: Anal & Design</u> 3 PL____: Intro to Philosophy/Ethics 3 Electives 6 total 16	total	* <u>CS 355</u> : <u>Operating Systems</u> 3 <u>CS 436</u> : <u>Sr Project II: Implementation</u> 3 <u>CS 495</u> : <u>Internship in Computer Sci</u> ³ 3 * <u>PH 261</u> : <u>Analog & Digital Electronics</u> 2 BR____: Bible Elective [300+ level] 3 Creative Studio Arts 1 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. MA 171 may be taken in place of MA 161.
3. Three credits must be taken from CS 331, 490, or 495.
4. Six hours must be taken from AC 241, EB 211, BA 213, 281 or 331.
5. 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.