

Huntington University

Guide to Typical Programs, 2021-2025

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 2021	J-Term 2022	Spring 2022	Summer 2022
<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 BT ____: Introductory Bible 3 total 16	Required J-Term 2 total 2	<u>CS 216: Programming II</u> 3 <u>MA 161: Math for Manager & Soc Sci²</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 2022	J-Term 2023	Spring 2023	Summer 2023
<u>BA 252: Business Org & Management</u> 3 * <u>CS 315: Comp Arch & Assemb Lang</u> 4 <u>Info Systems Track Elective⁴</u> 3 EX 101: Wellness for Life 2 Core Curriculum Social Sci 3 total 15	Required J-Term 2 total 2	* <u>CS 245: Syst Analysis & Design Methods</u> 3 * <u>CS 286: 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 2023	J-Term 2024	Spring 2024	Summer 2024
* <u>CS 325: Data Structures</u> 4 * <u>CS 415: Database Mgmt Systems</u> 3 Laboratory Science 4 Elective 3 total 14	Required J-Term 2 total 2	* <u>CS 175: Web Scripting</u> 3 <u>Info Systems Track Elective⁴</u> 3 CO 215: Public Speaking 3 Electives [300+ level] ⁵ 6 total 15	total
Fall 2024	J-Term 2025	Spring 2025	Summer 2025
* <u>CS 425: Principles of Networking</u> 4 <u>CS 435: Sr Project I: Analysis & Design</u> 3 PL____: Intro to Philosophy/Ethics 3 Electives 6 total 16	total	* <u>CS 355: Operating Systems</u> 3 <u>CS 436: Sr Project II: Implementation</u> 3 <u>CS 495: Internship in Computer Sci³</u> 3 * <u>PH 261: Analog & Digital Electronics</u> 2 BT____: Bible Elective [300+ level] 3 Creative Studio Arts 1 total 15	total

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.
- Three credits must be taken from CS 331, 490, or 495.
- Six hours must be taken from AC 241, EB 211, BA 213, 281 or 331.
- 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.