

Huntington University

Guide to Typical Programs, 2022-2026

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 2022	Spring 2023	Summer 2023
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 BT ___: Introductory Bible 3 total 16	CS 216: <u>Programming II</u> 3 MA 161: <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 2023	Spring 2024	Summer 2024
BA 252: <u>Business Org & Management</u> 3 * CS 325: <u>Data Structures</u> 4 <u>Info Systems Track Elective</u> ⁴ 3 EX 101: Wellness for Life 2 Core Curriculum Social Sci 3 total 15	* CS 175: <u>Web Scripting</u> 3 CO 215: <u>Public Speaking</u> 3 MI 285: Understand the Christian Faith 3 115: Intro to AR/DM/MU/TH 2 Laboratory Science 4 total 15	total
Fall 2024	Spring 2025	Summer 2025
* CS 315: <u>Comp Arch & Assemb Lang</u> 4 * CS 425: <u>Principles of Networking</u> 4 Laboratory Science 4 Elective 3 total 15	* CS 245: <u>Syst Analysis & Design Methods</u> 3 * CS 286: <u>Visual Programming</u> 3 * CS 355: <u>Operating Systems</u> 3 * PH 261: <u>Analog & Digital Electronics</u> 2 <u>Info Systems Track Elective</u> ⁴ 3 total 14	total
Fall 2025	Spring 2026	Summer 2026
* CS 415: <u>Database Mgmt Systems</u> 3 CS 435: <u>Sr Project I: Analysis & Design</u> 3 PL____: Intro to Philosophy/Ethics 3 Creative Studio Arts 1 Elective 4 total 14	CS 436: <u>Sr Project II: Implementation</u> 3 CS 495: <u>Internship in Computer Sci</u> ³ 3 BT____: Bible Elective [300+ level] 3 Electives [300+ level] ⁵ 6 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.