

Huntington University

Guide to Typical Programs, 2022-2026

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 2022 | | | Spring 2023 | | | Summer 2023 | | |
|------------------|---|-----------|------------------|--|-----------|-------------|--|--------------|
| <u>CS 111:</u> | <u>Intro to Computer Science</u> | 4 | <u>CS 216:</u> | <u>Programming II</u> | 3 | | | |
| <u>MA 165:</u> | <u>Intro to Discrete Mathematics</u> | 3 | <u>MA 161:</u> | <u>Math for Manager & Soc Sci</u> ² | 4 | | | |
| HS 115: | Hist Persp on Cult & Civ I | 3 | HS 116: | Hist Persp on Cult & Civ II | 3 | | | |
| EN 121: | Academic Writing & Research | 3 | EN 151: | Perspectives on Literature | 3 | | | |
| BT ___: | Introductory Bible | 3 | | Core Curriculum Social Sci | 3 | | | |
| | total | 16 | | total | 16 | | | total |
| Fall 2023 | | | Spring 2024 | | | Summer 2024 | | |
| <u>AR 141:</u> | <u>Basic 2D Design</u> | 3 | * <u>CS 175:</u> | <u>Web Scripting</u> | 3 | | | |
| <u>AR 241P:</u> | <u>Intro to Creative Cloud: Photoshop</u> | 1 | CO 215: | Public Speaking | 3 | | | |
| <u>AR 241I:</u> | <u>Intro to Creative Cloud: Illustrator</u> | 1 | MI 285: | Understand the Christian Faith | 3 | | | |
| <u>AR 241ID:</u> | <u>Intro to Creative Cloud: InDesign</u> | 1 | | Core Curriculum Social Sci | 3 | | | |
| * <u>CS 325:</u> | <u>Data Structures</u> | 4 | | Electives [300+ level] ⁴ | 3 | | | |
| EX 101: | Wellness for Life | 2 | | | | | | |
| | Laboratory Science | 4 | | | | | | |
| | total | 16 | | total | 15 | | | total |
| Fall 2024 | | | Spring 2025 | | | Summer 2025 | | |
| <u>CO 213:</u> | <u>Social Media</u> ³ | 3 | * <u>CS 245:</u> | <u>Syst Analysis & Design Methods</u> | 3 | | | |
| * <u>CS 315:</u> | <u>Comp Arch & Assemb Lang</u> | 4 | * <u>CS 286:</u> | <u>Visual Programming</u> | 3 | | | |
| * <u>CS 425:</u> | <u>Principles of Networking</u> | 4 | * <u>CS 355:</u> | <u>Operating Systems</u> | 3 | | | |
| PL___: | Intro to Philosophy/Ethics | 3 | * <u>PH 261:</u> | <u>Analog & Digital Electronics</u> | 2 | | | |
| | | | | Laboratory Science | 4 | | | |
| | total | 14 | | total | 15 | | | total |
| Fall 2025 | | | Spring 2026 | | | Summer 2026 | | |
| * <u>AR 271:</u> | <u>Visual Comm & Graphics</u> | 3 | <u>CS 436:</u> | <u>Sr Project II: Implementation</u> | 3 | | | |
| * <u>CS 415:</u> | <u>Database Mgmt Systems</u> | 3 | BT___: | Bible Elective [300+ level] | 3 | | | |
| <u>CS 435:</u> | <u>Sr Project I: Analysis & Design</u> | 3 | 115: | Intro to AR/DM/MU/TH | 2 | | | |
| | Creative Studio Arts | 1 | | Elective [300+ level] ⁴ | 3 | | | |
| | Elective [300+ level] ⁴ | 3 | | Elective | 3 | | | |
| | Elective | 1 | | | | | | |
| | total | 14 | | total | 14 | | | 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. CO 241 may be taken in place of CO 213.
4. 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.