

Huntington University

Guide to Typical Programs, 2017-2021

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 2017 | J-Term 2018 | Spring 2018 | Summer 2018 |
|---|-------------------------------------|---|--------------|
| 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 BR 111: Biblical History and Literature 3 total 16 | Required J-Term 2 total 2 | CS 216: <u>Programming II</u> 3 MA 161: <u>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 |
| BA 252: <u>Business Org & Management</u> 3 * CS 315: <u>Comp Arch & Assemb Lang</u> 4 <u>Info Systems Track Elective</u> ³ 3 EX 101: Wellness for Life 2 Core Curriculum Social Sci 3 total 15 | Required J-Term 2 total 2 | * CS 245: <u>System Anal & Design Meth</u> 3 * CS 286: <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 2019 | J-Term 2020 | Spring 2020 | Summer 2020 |
| * CS 325: <u>Data Structures</u> 4 * CS 415: <u>Database Mgmt Systems</u> 3 Laboratory Science 4 Elective 3 total 14 | Required J-Term 2 total 2 | * CS 175: <u>Web Scripting</u> 3 <u>Info Systems Track Elective</u> ³ 3 CO 215: Public Speaking 3 Electives [300+ level] ⁴ 6 total 15 | total |
| Fall 2020 | J-Term 2021 | Spring 2021 | Summer 2021 |
| * CS 425: <u>Principles of Networking</u> 4 CS 435: <u>Sr Project I: Anal & Design</u> 3 PL____: Intro to Philosophy/Ethics 3 Electives 6 total 16 | total | * CS 355: <u>Operating Systems</u> 3 CS 436: <u>Sr Project II: Implementation</u> 3 CS 495: <u>Internship in Computer Sci</u> ² 3 * PH 261: <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. Three credits must be taken from CS 331, 490, or 495.
3. Six hours must be taken from AC 241, EB 211, BA 213, 281 or 331.
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.