

## Standard Path *for* Bachelor of Science, Computer Science

Course Description	CUs	Term
Introduction to Computer Science	4	1
Applied Probability and Statistics	3	1
Scripting and Programming - Foundations	3	1
Data Management - Foundations	3	1
Network and Security - Foundations	3	2
Calculus I	4	2
Web Development Foundations	3	2
Data Management - Applications	4	2
Version Control	1	3
Practical Applications of Prompt	2	3
Scripting and Programming - Applications	4	3
Introduction to Systems Thinking and Applications	3	3
Discrete Mathematics I	4	3
Introduction to Communication: Connecting with Others	3	4
Computer Architecture	3	4
Natural Science Lab	2	4
Java Fundamentals	3	4
Discrete Mathematics II	4	4
Composition: Successful Self-Expression	3	5
American Politics and the US Constitution	3	5
Java Frameworks	3	5
Linux Foundations	3	5
Fundamentals of Information Security	3	5
Back-End Programming	3	6
Operating Systems for Computer Scientists	3	6
Advanced Java	3	6
Ethics in Technology	3	6
Data Structures and Algorithms I	4	6
Business of IT - Applications	4	7
Software Engineering	4	7
Health, Fitness, and Wellness	4	7
Data Structures and Algorithms II	4	7
Software Design and Quality Assurance	3	8
Introduction to AI for Computer Scientists	2	8
Artificial Intelligence Optimization for Computer Scientists	3	8

Course Description	CUs	Term
Advanced AI and ML	3	8
Computer Science Project Development with a Team	3	8

## Changes to Curriculum

WGU publishes an Institutional Catalog, which describes the academic requirements of each degree program. Although students are required to complete the program version current at the time of their enrollment, WGU may modify requirements and course offerings within that version of the program to maintain the currency and relevance of WGU's competencies and programs. When program requirements are updated, students readmitting after withdrawal from the university will be expected to re-enter into the most current catalog version of the program.