Undergraduate Course Offerings in the Computer Science Department.

The following Table shows the anticipated course offerings for the Spring 2023 -Fall 2025 semesters. Course offerings depend on enrollment and small adjustments may have to be made. Also, new courses may be developed in this time period and will be added if they become available.

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| --- | --- | --- | --- | --- | --- | --- | --- |
| Course Number | Course | Spring 23 | Fall 23 | Spring 24 | Fall 24 | Spring 25 | Fall 25 |
| CS 1090 | Matlab | X | X | X | X | X | X |
| CS 1120 | Computational Thinking | X | X | X | X | X | X |
| CS 1150 | Principles of Comp Sci | X | X | X | X | X | X |
| CS 1450 | Data Structures & Algorithms | X | X | X | X | X | X |
| CS 1910 | Cybersecurity for All | X | X |  |  |  |  |
| CS 2020 | Intro Stats for Data Alalysis | X | X | X | X | X | X |
| CS 2060 | Programming With C | X | X | X | X | X | X |
| CS 2080 | Programming With UNIX | X | X | X | X | X | X |
| CS 2150 | Discrete Structures | X | X | X | X | X | X |
| CS 2160 | Computer Organization & Assembly Language | X | X | X | X | X | X |
| CS 2250 | Advanced Data Structures in C++ | X |  | X |  | X |  |
| CS 2300 | Computational Linear Algebra | X | X | X | X | X | X |
| CS 2910 | Secure Mobile Cloud Computing |  | X |  | X |  | X |
| CS 3020 | Advanced Object Technology Using C# | X | X | X | X | X | X |
| CS 3050 | Computing Ethics | X | X | X | X | X | X |
| CS 3060 | Object Oriented Programming Using C++ | X | X | X | X | X | X |
| CS 3080 | Python Programming | X | X | X | X | X | X |
| CS 3110 | Programming the Mobile Web | X |  | X |  | X |  |
| CS 3160 | Concepts of Programming Languages | X | X | X | X | X | X |
| CS 3300 | Software Engineering | X | X | X | X | X | X |
| CS 3350 | **Team-Based Game Production** |  | X |  | X |  | X |
| CS 3400 | UX/UI Design |  | X |  |  | X |  |
| CS 3910 | System Admin & Security | X |  | X |  | X |  |
| CS 3920 | Intro to Defensive Cyber Org |  | X |  |  |  |  |
| CS 4000 | Computer Science Internship | X | X | X | X | X | X |
| CS 4100 | Compiler Design | X | X | X | X | X | X |
| CS 4200 | Computer Architecture | X | X | X | X | X | X |
| CS 4220 | Computer Networks | X | X | X | X | X | X |
| CS4300 | Advanced Software Engineering | X | X |  |  |  |  |
| CS 4310 | Software Requirements | X |  | X |  | X |  |
| CS 4350 | Software Project Mgmt |  | X |  |  | X |  |
| CS 4420 | Database Systems I | X | X | X | X | X | X |
| CS 4435 | Data Mining |  | X |  |  | X |  |
| CS 4500 | Operating Systems | X | X | X | X | X | X |
| CS 4700 | Automata | X | X | X | X | X | X |
| CS 4720 | Algorithms | X | X | X | X | X | X |
| CS 4730 | Algorithmic Game Theory | X |  | X |  | X |  |
|  |  |  |  |  |  |  |  |
| CS 4790 | Wearable Comp/Complex Systems | X |  |  |  | X |  |
| CS 4800 | Computer Graphics |  | X |  |  |  | X |
| CS 4820 | Artificial Intelligence |  |  | x |  |  | x |
| CS 4860 | Machine Learning | X |  |  | X |  |  |
| CS 4870 | Intro to Artificial Neural Networks |  | X |  |  | x |  |
| CS 4890 | Computational Linguistics |  |  | x |  |  | x |
| CS 4910 | Intro to Computer Security |  | X |  | X |  | X |
| CS 4920 | Intro to Applied Cryptography | X | X | X | X | X | X |
| CS 4930 | Privacy and Censorship | X |  |  |  |  |  |
| CS 4940 | Ethical Hacking | X |  | X |  | X |  |
| CS 4950 | Homeland Security | X |  | X |  | X |  |
| CS 4980 | System Security |  | X |  |  |  |  |