

CCSU Computer Science Department Planned Course Offerings

rev. 3/4/21

| Course Title | 2020/2021 | | | 2021/2022 | | | 2022/2023 | | | 2023/2024 | | |
|---|-----------|-----|-----|-----------|-----|-----|-----------|-----|-----|-----------|-----|-----|
| | Fall | Spr | Sum | Fall | Spr | Sum | Fall | Spr | Sum | Fall | Spr | Sum |
| CS 140 Survey of CS | | | | X | X | | X | X | | X | X | |
| CS 151 CS I | XX | XX | X | XX | XX | Z | XX | XX | Z | XX | XX | Z |
| CS 152 CS II | XX | XX | X | XX | XX | Z | XX | XX | Z | XX | XX | Z |
| CS 153 CS III | XX | XX | | | | | | | | | | |
| CS 253 Data Structures | XX | XX | X | XX | XX | | XX | XX | | XX | XX | |
| CS 254 Assembler | XX | XX | X | XX | XX | | XX | XX | | XX | XX | |
| CS 291 Computer Forensics | XX | X | | XX | X | | XX | X | | XX | X | |
| CS 354 Digital Systems Design | XX | XX | | XX | XX | | XX | XX | | XX | XX | |
| CS 355 Systems Programming | XX | XX | X | XX | XX | | XX | XX | | XX | XX | |
| CS 385 Computer Architecture | X | X | | X | X | | X | X | | X | X | |
| CS 460 Database Concepts | X | | X | X | | Z | X | | Z | X | | Z |
| CS 463 Algorithms | | XX | X | | XX | | | XX | | | XX | |
| CS 464 Programming Languages | X | | | X | | | X | | | X | | |
| CS 481 Operating Systems Design | | X | | | X | | | X | | | X | |
| CS 483 Theory of Computation | X | | | X | | | X | | | X | | |
| CS 492 Computer Security | | XX | X | | XX | | | XX | | | XX | |
| CS 493 Secure Software Systems | X | | | X | | | X | | | X | | |
| CS 494 Cryptographic Systems | X | | | X | | | X | | | X | | |
| CS 410 Software Engineering | X | X | | X | X | | X | X | | X | X | |
| CS 498 Senior Project | | X | | | X | | X | X | | X | X | |
| CS 290 Topics in CS | | | | | | | | | | | | |
| CS 407 Advanced Topics in CS | Z | Z | | X | Z | | X | Z | | X | Z | |
| CS 414 Mobile App Development | | | | | X | | | X | | | X | |
| CS 415 Game Development | | | X | | | X | | | X | | | X |
| CS 416 Web Programming | X | | | XX | | | XX | | | XX | | |
| CS 417 Design Patterns | X | | X | X | | | X | | | X | | |
| CS 418 Software Testing and Quality Assurance | | X | | | X | | | X | | | X | |
| CS 419 Usable Security and Privacy | X | | | X | | | X | | | X | | |
| CS 423 Computer Graphics | | | | X | | | X | | | X | | |
| CS 425 Image Processing | | Z | | | Z | | | Z | | | Z | |
| CS 430 Big Data Programming | | | | X | | | X | | | X | | |
| CS 455 Secure Software Development | | X | | | X | | | X | | | X | |
| CS 462 Artificial Intelligence | | X | | | X | | | X | | | X | |
| CS 465 Compiler Design | | | | | | | | | | | | |
| CS 473 Simulation Techniques | | | | | | | | | | | | |
| CS 490 Computer Networks | | X | | | X | | | X | | | X | |
| CS 495 Social, Ethical, and Economic Issues | | | | | | | | | | | | |
| CS 300 Work Experience | | | | | | | | | | | | |
| CS 398 Independent Study | | | | | | | | | | | | |
| CS 499 Seminar in CS | | | | | | | | | | | | |
| CS 500 Computer Science for CIT | | X | | X | X | | X | X | | X | X | |
| CS 501 Foundations of CS | X | | X | | | Z | | | Z | | | Z |
| CS 502 Computing & Comm Technologies | X | X | | X | X | | X | X | | X | X | |
| CS 505 Design Patterns | X | | X | X | | | X | | | X | | |
| CS 506 Software Testing and Quality Assurance | | X | | | X | | | X | | | X | |
| CS 508 Distributed Computing | | X | | | X | | | X | | | X | |
| CS 510 Foundations of Software Engineering | X | | | | X | | X | | | X | | |
| CS 525 Advanced Algorithms | X | | | | | | X | | | X | | |
| CS 530 Advanced Software Engineering | X | | | X | | | | X | | | X | |
| CS 550 Topics in HCI | | X | | | X | | | X | | | X | |
| CS 560 Topic in Software Engineering | | Z | X | X | Z | | X | Z | | X | Z | |
| CS 565 Bioinformatics | | | | | | | | | | | | |
| CS 570 Topics in Artificial Intelligence | | X | | | X | | | X | | | X | |
| CS 575 Linked Data Engineering | | X | | | X | | | X | | | X | |
| CS 580 Topics in Databases | X | | Y | X | | Y | X | | Y | X | | Y |
| CS 590 Topics in HPC | | | | | | | | | | | | |
| CS 594 Graduate Research Seminar | | | | | | | | | | | | |

X = to be offered Y = online
 XX = two+ sections to be offered Z = tentative