

**COMPUTER SCIENCE COURSES
SPRING SEMESTER 2023**

| CS | TITLE | Cr | Sec | Hours | Days | Size | Instructor | Room | Class# |
|-----|---|------|-----|---------------|---------|------|--------------------------|----------------------|--------|
| 114 | Computer Applications | 3 | 1 | 11:00-11:50am | MWF | 55 | Xin Wang/Kotala | Library 14 | 14445 |
| 114 | Computer Applications | 3 | 2 | 2:00-2:50pm | MWF | 55 | Rasha Hendawi/Kotala | Library 14 | 14446 |
| 114 | Computer Applications | 3 | 3 | 4:00-4:50pm | MWF | 55 | Koushik Howlader/Kotala | Library 14 | 14447 |
| 114 | Computer Applications | 3 | 4 | 9:30-10:45am | TTh | 55 | Rajan Nepal/Kotala | Library 14 | 14448 |
| 114 | Computer Applications | 3 | 5 | 8:00-8:50am | MW | 45 | Francis Martinson/Kotala | QBB 116 | 14449 |
| 114 | Computer Applications | 3 | 6 | Online | Online | 55 | Pratap Kotala | Online | 14848 |
| 114 | Computer Applications | 3 | 7 | 3:00-3:50pm | MWF | 55 | Md. Al-Amin/Kotala | Library 14 | 15905 |
| 114 | Computer Applications (Non-Degree) | 3 | 8 | Online | Online | 35 | Pratap Kotala | Online | 19651 |
| 122 | Visual BASIC | 3 | 1 | 9:00-9:50am | MWF | 45 | Mithila Dey | QBB 116 | 14435 |
| 159 | Computer Science Problem Solving | 3 | 1 | 1:00-1:50pm | MWF | 44 | Lan Hu | Library 14 | 14436 |
| 159 | Computer Science Problem Solving | 3 | 2 | Online | Online | 55 | Lan Hu | Online | 14998 |
| 160 | Computer Science I | 4 | 1 | 10:00-10:50am | Mon-Fri | 40 | Alex Radermacher | QBB 106/116 | 14465 |
| 160 | Computer Science I | 4 | 2 | 2:00-2:50pm | Mon-Fri | 40 | Alex Radermacher | QBB 106/116 | 14464 |
| 160 | Computer Science I (Open to CS Majors only) | 4 | 3 | 9:00-9:50am | Mon-Fri | 40 | Alex Radermacher | QBB 106/116 | 14463 |
| 161 | Computer Science II | 4 | 1 | 11:00-11:50am | Mon-Fri | 40 | Joseph Latimer | QBB 106/116 | 14460 |
| 161 | Computer Science II | 4 | 2 | 1:00-1:50pm | Mon-Fri | 40 | Joseph Latimer | QBB 102/116 | 14461 |
| 161 | Computer Science II | 4 | 3 | 4:00-4:50pm | Mon-Fri | 40 | Joseph Latimer | QBB 116 | 14462 |
| 222 | Discrete Mathematics | 3 | 1 | 4:00-5:15pm | MW | 50 | Vasant Ubhaya | Morrill 103 | 14849 |
| 228 | Computing Fundamentals II | 3 | 1 | 11:00-11:50am | MWF | 24 | Riyad Hakim | Morrill 107; QBB 114 | 14459 |
| 277 | Introduction to UNIX | 3 | 1 | 3:00-3:50pm | MWF | 40 | Joseph Latimer | QBB 244 | 15910 |
| 313 | Software Development with Frameworks | 3 | 1 | 10:00-10:50am | MWF | 40 | Pratap Kotala | QBB 116 | 14456 |
| 313 | Software Development with Frameworks | 3 | 2 | 11:00-11:50am | MWF | 40 | Pratap Kotala | QBB 116 | 14457 |
| 313 | Software Development with Frameworks | 3 | 3 | 1:00-1:50pm | MWF | 40 | Pratap Kotala | QBB 116 | 14458 |
| 336 | Theoretical Computer Science | 3 | 1 | 12:30-1:45pm | TTh | 55 | Ken Magel | Morrill 103 | 14437 |
| 366 | Database Systems | 3 | 1 | 10:00-10:50am | MWF | 55 | Lan Hu | Morrill 105 | 14438 |
| 371 | Web Scripting Languages | 3 | 1 | 2:00-2:50pm | MWF | 40 | Oksana Myronovych | QBB 116 | 14439 |
| 372 | Comparative Programming Languages | 3 | 1 | 11:00-12:15pm | TTh | 55 | Zubair Malik | AgHill 122 | 14440 |
| 372 | Comparative Programming Languages | 3 | 2 | Online | Online | 55 | Zubair Malik | Online | 16224 |
| 374 | Computer Organization and Architecture | 3 | 1 | 1:00-1:50pm | MWF | 55 | Alex Radermacher | QBB 104 | 14441 |
| 404 | Ethical Hacking | 3 | 1 | 4:00-4:50pm | MWF | 35 | Jeremy Straub | AgHill 334 | 14442 |
| 404 | Ethical Hacking | 3 | 2 | Online | Online | 10 | Jeremy Straub | Online | 20477 |
| 419 | Software Testing and Debugging | 3 | 1 | 3:00-3:50pm | MWF | 20 | Oksana Myronovych | QBB 114 | 14966 |
| 426 | Introduction to Artificial Intelligence | 3 | 1 | 11:00-11:50am | MWF | 40 | Simone Ludwig | QBB 102 | 14443 |
| 428 | Artificial Intelligence, Ethics, and the Environment | 3 | 1 | 2:00-2:50pm | MWF | 30 | Anne Denton | QBB 102 | 16086 |
| 428 | Artificial Intelligence, Ethics, and the Environment | 3 | 2 | Online | Online | 20 | Anne Denton | Online | 16729 |
| 445 | Software Projects Capstone | 3 | 1 | 11:00-12:15pm | TTh | 90 | David Froslic | AgHill 300 | 14455 |
| 455 | Networking and Parallel Computation (was 415) | 3 | 1 | 3:00-3:50pm | MWF | 55 | Lu Liu | AgHill 334 | 14850 |
| 467 | Algorithm Analysis | 3 | 1 | 3:30-4:45pm | TTh | 70 | Vasant Ubhaya | Morrill 103 | 14999 |
| 474 | Operating Systems Concepts | 3 | 1 | 1:00-1:50pm | MWF | 55 | Jun Kong | Morrill 103 | 15000 |
| 604 | Ethical Hacking | 3 | 1 | 4:00-4:50pm | MWF | 10 | Jeremy Straub | AgHill 334 | 14365 |
| 628 | Artificial Intelligence, Ethics, and the Environment | 3 | 1 | 2:00-2:50pm | MWF | 10 | Anne Denton | QBB 102 | 15913 |
| 628 | Artificial Intelligence, Ethics, and the Environment | 3 | 2 | Online | Online | 10 | Anne Denton | Online | 19881 |
| 643 | Introduction to Computer Programming | 3 | 1 | Online | Online | 15 | Pratap Kotala | Online | 16319 |
| 644 | Data Structures and Algorithms | 3 | 1 | Online | Online | 15 | Joseph Latimer | Online | 16320 |
| 655 | Networking and Parallel Computation | 3 | 1 | 3:00-3:50pm | MWF | 10 | Lu Liu | AgHill 334 | 14851 |
| 706 | Data-Driven Security | 3 | 1 | 3:30-4:45pm | TTh | 20 | Zahid Anwar | QBB 132 | 16138 |
| 715 | Software Requirements Definition and Analysis | 3 | 1 | 11:00-12:15pm | TTh | 20 | Kenneth Magel | QBB 422 | 14852 |
| 715 | Software Requirements Definition and Analysis | 3 | 2 | Online | Online | 20 | Kenneth Magel | Online | 14853 |
| 718 | Software Testing and Debugging | 3 | 1 | 2:00-3:15pm | TTh | 20 | Oksana Myronovych | QBB 114 | 14444 |
| 718 | Software Testing and Debugging | 3 | 2 | Online | Online | 20 | Oksana Myronovych | Online | 14915 |
| 724 | Survey of Artificial Intelligence | 3 | 1 | 11:00-12:15pm | TTh | 40 | Jen Li | QBB 106 | 14854 |
| 724 | Survey of Artificial Intelligence | 3 | 2 | Online | Online | 40 | Jen Li | Online | 15003 |
| 765 | Introduction to Database Systems | 3 | 1 | Online | Online | 40 | Anne Denton | Online | 14364 |
| 779 | Advanced Data Mining | 3 | 1 | 1:00-1:50pm | MWF | 40 | Lu Liu | QBB 106 | 15909 |
| 783 | Topics in Software Systems: Mobile Software Engineering | 3 | 2 | 12:30-1:45pm | TTh | 20 | Ajay Jha | QBB 102 | 16137 |
| 790 | Graduate Seminar: Explainable Artificial Intelligence | 1 | 1 | 1:00-1:50pm | W | 20 | Jeremy Straub | QBB 422 | 14916 |
| 790 | Graduate Seminar: Human Centered/Secure Software | 1 | 2 | 10:10:50am | W | 20 | Zubair Malik | QBB 258 | 15277 |
| 790 | Graduate Seminar - Machine Learning in Bioinformatics | 1 | 3 | TBD | TBD | 15 | Changhui Yan | TBD | 20159 |
| 796 | Special Topics: Genomics, Phenomics and Bioinformatics | 1 | 1 | TBD | TBD | 10 | Changhui Yan | TBD | 19943 |
| 797 | Master's Paper | 1-3 | 1 | N/A | N/A | 80 | Simone Ludwig | N/A | 14857 |
| 798 | Master's Thesis | 1-6 | 1 | N/A | N/A | 60 | Simone Ludwig | N/A | 14858 |
| 846 | Development of Distributed Systems | 3 | 1 | 2:00-4:30pm | TTh | 20 | Jen Li | QBB 244 | 14617 |
| 846 | Development of Distributed Systems | 3 | 2 | Online | Online | 10 | Jen Li | Online | 15257 |
| 899 | Doctoral Dissertation | 1-10 | 1 | N/A | N/A | 60 | Simone Ludwig | N/A | 14856 |