

COMPUTER SCIENCE COURSES

FALL SEMESTER 2022

| CS | TITLE | Cr | Sec | Hours | Days | Size | Instructor | Class# |
|-----|---|----|-----|-----------------|---------|------|-------------------|--------|
| 114 | Computer Applications | 3 | 1 | 11:00-11:50am | MWF | 55 | Staff | 10465 |
| 114 | Computer Applications | 3 | 2 | 4:00-4:50pm | MWF | 55 | Staff | 10466 |
| 114 | Computer Applications | 3 | 3 | 2:00-2:50pm | MWF | 55 | Staff | 10467 |
| 114 | Computer Applications | 3 | 4 | 3:00-3:50pm | MWF | 55 | Staff | 10468 |
| 114 | Computer Applications | 3 | 5 | 6:00-7:15pm | MW | 55 | Staff | 10469 |
| 114 | Computer Applications | 3 | 6 | 9:00-10:15am | T/Th | 55 | Staff | 10470 |
| 114 | Computer Applications | 3 | 7 | Online | Online | 55 | Pratap Kotala | 10471 |
| 122 | Visual BASIC | 3 | 1 | 4:00-5:15pm | T/Th | 40 | Staff | 10472 |
| 122 | Visual BASIC | 3 | 2 | 3:00-3:50pm | MWF | 40 | Staff | 10473 |
| 159 | Computer Science Problem Solving | 3 | 1 | 10:00-10:50am | MWF | 40 | Lan Hu | 10474 |
| 159 | Computer Science Problem Solving | 3 | 2 | Online | Online | 55 | Lan Hu | 10475 |
| 160 | Computer Science I | 4 | 1 | 1:00-1:50pm | Mon-Fri | 40 | Lan Hu | 10476 |
| 160 | Computer Science I (Open to CS Majors only) | 4 | 2 | 2:00-2:50pm | Mon-Fri | 40 | Alex Radermacher | 10477 |
| 160 | Computer Science I (Open to CS Majors only) | 4 | 3 | 10:00-10:50am | Mon-Fri | 40 | Pratap Kotala | 10478 |
| 160 | Computer Science I | 4 | 4 | 5:00-5:50pm | Mon-Fri | 40 | Alex Radermacher | 10479 |
| 161 | Computer Science II | 4 | 1 | 12:00-12:50pm | Mon-Fri | 40 | Joseph Latimer | 10480 |
| 161 | Computer Science II | 4 | 2 | 11:00-11:50am | Mon-Fri | 40 | Joseph Latimer | 10481 |
| 161 | Computer Science II | 4 | 3 | 9:00-9:50am | Mon-Fri | 40 | Joseph Latimer | 10482 |
| 172 | Intermediate Visual BASIC | 3 | 1 | 3:00-3:50 | MWF | 25 | Staff | 10483 |
| 213 | Modern Software Development | 3 | 1 | 1:00-1:50pm | MWF | 40 | Oksana Myronovych | 10484 |
| 213 | Modern Software Development | 3 | 2 | 2:00-2:50pm | MWF | 40 | Oksana Myronovych | 10485 |
| 213 | Modern Software Development | 3 | 3 | 3:30-4:45pm | TR | 40 | Oksana Myronovych | 10486 |
| 222 | Discrete Mathematics | 3 | 1 | 4:00-5:15pm | MW | 60 | Vasant Ubhaya | 10487 |
| 227 | Computing Fundamentals I | 3 | 1 | 10:00-10:50am | MWF | 40 | Staff | 10488 |
| 277 | Introduction to UNIX | 3 | 1 | 2:00-3:15pm | T/Th | 40 | Joseph Latimer | 10489 |
| 312 | Survey of Programming Languages | 3 | 1 | 4:00-4:50pm | MWF | 40 | Oksana Myronovych | 10490 |
| 336 | Theoretical Computer Science | 3 | 1 | 12:30-1:45pm | T/Th | 50 | TBD | 10491 |
| 366 | Database Systems | 3 | 1 | 11:00am-12:15pm | T/Th | 75 | Lan Hu | 10493 |
| 372 | Comparative Programming Languages | 3 | 1 | 2:00-2:50pm | MWF | 50 | Zubair Malik | 10494 |
| 372 | Comparative Programming Languages | 3 | 2 | Online | Online | 20 | Zubair Malik | 16011 |
| 374 | Computer Organization and Architecture | 3 | 1 | 12:00-12:50pm | MWF | 50 | Alex Radermacher | 10495 |
| 403 | Defensive Network Security | 3 | 1 | 4:00-4:50pm | MWF | 30 | Zahid Anwar | 10496 |
| 405 | Principles of Cybersecurity | 3 | 1 | 1:00-1:50pm | MWF | 30 | Pratap Kotala | 16373 |
| 409 | Cybersecurity Law and Policy | 3 | 1 | 2:00-2:50pm | MWF | 25 | Zahid Anwar | 10497 |
| 413 | Principles of Software Engineering | 3 | 1 | 9:00-9:50pm | MWF | 75 | Alex Radermacher | 10498 |
| 420 | Introduction to Data Science in Python | 3 | 1 | 9:30-10:45am | T/Th | 30 | Changhui Yan | 10527 |
| 422 | Introduction to Data Engineering | 3 | 1 | 11:00-12:15pm | T/Th | 40 | David Froslic | 16728 |
| 455 | Networking and Parallel Computation (was 415) | 3 | 1 | 2:00-3:15pm | T/Th | 50 | Jen Li | 10499 |
| 474 | Operating Systems Concepts | 3 | 1 | 1:00-1:50pm | MWF | 50 | Jun Kong | 10500 |
| 488 | Human-Computer Interaction | 3 | 1 | 11:00-11:50am | MWF | 25 | Jun Kong | 10502 |
| 489 | Social Implications of Computers | 3 | 1 | 3:30-4:45pm | T/Th | 100 | Anne Denton | 10503 |
| 491 | Seminar - Competitive Programming | 1 | 1 | TBA | TBA | 16 | Anne Denton | 16203 |
| 491 | Seminar - Individual Capstone | 3 | 2 | TBA | TBA | 5 | David Froslic | 16895 |
| 603 | Defensive Network Security | 3 | 1 | 4:00-4:50pm | MWF | 10 | Zahid Anwar | 10504 |
| 605 | Principles of Cybersecurity | 3 | 1 | 1:00-1:50pm | MWF | 6 | Pratap Kotala | 16374 |
| 609 | Cybersecurity Law and Policy | 3 | 1 | 2:00-2:50pm | MWF | 10 | Zahid Anwar | 10505 |
| 620 | Introduction to Data Science in Python | 3 | 1 | 9:30-10:45am | T/Th | 10 | Changhui Yan | 10526 |
| 641 | Introduction to Computer Science Education | 3 | 1 | Online | Online | 15 | Simone Ludwig | 17495 |
| 642 | Problem Solving in Computer Science Education | 3 | 1 | Online | Online | 15 | Lan Hu | 17496 |
| 655 | Networking and Parallel Computation | 3 | 1 | 2:00-3:15pm | T/Th | 10 | Jen Li | 10506 |
| 688 | Human-Computer Interaction | 3 | 1 | 11:00-11:50am | MWF | 15 | Jun Kong | 10508 |
| 689 | Social Implications of Computers | 3 | 1 | 3:30-4:45pm | T/Th | 10 | Anne Denton | 10509 |
| 713 | Software Development Processes | 3 | 1 | 12:00-12:50pm | MWF | 40 | Ken Magel | 10510 |
| 713 | Software Development Processes | 3 | 2 | Online | Online | 25 | Ken Magel | 10511 |
| 714 | Software Project Planning and Estimation | 3 | 1 | 2:00-2:50pm | MWF | 30 | Ajay Jha | 16860 |
| 714 | Software Project Planning and Estimation | 3 | 2 | Online | Online | 10 | Ajay Jha | 16861 |

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FALL SEMESTER 2022**

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|-----|--|-----|-----|---------------|--------|------|---------------|--------|
| 716 | Software Design | 3 | 2 | 12:30-1:45pm | T/Th | 30 | Pratap Kotala | 10529 |
| 716 | Software Design | 3 | 1 | Online | Online | 20 | Pratap Kotala | 10512 |
| 717 | Software Construction | 3 | 1 | 11:00-11:50am | MWF | 30 | Zubair Malik | 10513 |
| 717 | Software Construction | 3 | 2 | Online | Online | 12 | Zubair Malik | 10514 |
| 736 | Advanced Intelligent Systems | 3 | 1 | 11:00-12:15 | T/Th | 30 | Simone Ludwig | 10528 |
| 741 | Algorithm Analysis | 3 | 1 | 3:30-4:45pm | T/Th | 40 | Vasant Ubhaya | 10515 |
| 765 | Introduction to Database Systems | 3 | 1 | 10:00-10:50am | MWF | 40 | Anne Denton | 10516 |
| 765 | Introduction to Database Systems | 3 | 2 | Online | Online | 40 | Anne Denton | 10517 |
| 790 | GradSeminar - Foundations/Program Analysis | 1 | 1 | 9:00-9:50am | W | 10 | Zubair Malik | 10520 |
| 790 | GradSeminar - Software Metrics | 1 | 2 | Online | Online | 20 | Ken Magel | 10521 |
| 797 | Master's Paper | 1-3 | 1 | N/A | N/A | 100 | Simone Ludwig | 10522 |
| 798 | Master's Thesis | 1-6 | 1 | N/A | N/A | 50 | Simone Ludwig | 10523 |
| 859 | Computational Methods in Bioinformatics | 3 | 1 | 12:30-1:45pm | T/Th | 20 | Changhui Yan | 10524 |
| 899 | Doctoral Dissertation | 1-9 | 1 | N/A | N/A | 50 | Simone Ludwig | 10525 |