Rules:

1. All courses that are prerequisites of a major requirement require a C or better to satisfy the pre-rec.
2. GRAD status automatically satisfies all 400 level pre-reqs
3. All 300 level courses require at least 18 CS credits (125+) and a 2.25 major GPA, in addition to any other course prereqs.
   1. Exception: 354, 364, require 24 credits

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| 5 | Visualization for the Masses : null |
| 10 | Computer Applications : null |
| 20CPVL | Computer Graphics : null |
| 111 | Computer Forensics : >MAT000 |
| 112 | Visual Basic Programming : null |
| 120CPVL | Introduction to Creative Graphical Coding : null |
| 122CPVL | Web Site Design : null |
| 123 | Introduction to Scientific Programming : null |
| 125CT | Discrete Math for Computing I : >=MAT105 || PERMISSION |
| 130 | Information Technology Fundamentals : null |
| 135 | Computer Science I : >=MAT105 || PERMISSION |
| 136CP | Computer Science II : CSC135 |
| 220CPVL | Object-Oriented Multimedia Programming : CSC120 || CSC136 |
| 225 | Discrete Math for Computing II : CSC125 && CSC136 |
| 235 | Computer Organization and Assembly Language : CSC125 && CSC136 |
| 237 | Data Structures : CSC125 && CSC136 |
| 241CP | Advanced Visual Basic Programming : CSC112 || CSC135 |
| 242 | Web Programming : CSC122 || CSC135 |
| 243 | Java Programming : CSC136 |
| 253 | Information Technology Systems: CSC125 && CSC136 |
| 280 | Cooperative Internship in Computer Science I : PERMISSION |
| 310 | Procedure Oriented Programming Languages : CSC237 |
| 311 | Computer Networks : CSC237 || CSC253 |
| 315 | Computer & Natural Lang : null |
| 320 | Game Development for Computer Scientists : CSC237 || CSC243 |
| 325 | Introduction to Computer Science Theory : CSC225 && CSC237 |
| 328 | Network Programming : CSC237 || CSC253 |
| 330 | Introduction to Mobile Architecture and Systems : (CSC237 || CSC253) && CSC243 |
| 341 | Introduction to Information Security : CSC237 || CSC253 |
| 342 | Web Technologies :(CSC237 || CSC253) && CSC242 |
| 343 | Operating Systems : CSC237 || CSC253 |
| 345 | Simulation : null |
| 351 | Digital Forensics for Computer Scientists : CSC341 |
| 352 | UNIX: Systems Programming and Administration : CSC237 || CSC253 |
| 354WI | Software Engineering I : >=24CSC\_CR |
| 355WI | Software Engineering II : CSC354 |
| 356 | Introduction to Database Management Systems : CSC237 || CSC253 |
| 361 | Finite Automata & Formal Languages : CSC310 |
| 363 | Interdisciplinary Software Rapid Prototyping : >= 24CSC\_CR |
| 372 | Indpt Std/or Proj In Cis : null |
| 378 | Intro To Computer Graph : null |
| 380 | Cooperative Internship In Computer Science II : PERMISSION |
| 385WI | Computer Science Seminar : >= 36CSC\_CR |
| 395 | Honors Independent Study/Thesis : null |
| 398 | Honors Supplementary Research : null |
| 402 | Data Structures II : CSC237 || GRAD |
| 411 | Advanced Networking : CSC311 || GRAD |
| 415 | Design and Analysis of Algorithms I : (CSC225 && CSC237) || GRAD |
| 420 | Numerical Analysis : GRAD |
| 421 | Web-Based Software Design and Development : CSC237 || (CSC253 && CSC243) || GRAD |
| 422 | Object Oriented Programming I : (CSC225 && CSC237) || GRAD |
| 423 | Game Development for Computer Scientists II : CSC320 || GRAD |
| 425 | Compiler Design I : CSC310 || GRAD |
| 441 | Advanced Information Security : CSC341 || GRAD |
| 445 | Introduction to Intelligent Robotics : CSC237 || CSC253 || GRAD |
| 447 | Artificial Intelligence I : CSC237 || CSC53 || GRAD |
| 456 | Database Management Systems I : CSC356 || GRAD |
| 464 | Human Computer Interaction : CSC237 || CSC253 || GRAD |
| 472 | Independent Study and/or Projects in Computer Science : PERMISSION |
| 480 | Selected Topics in Computer Science : PERMISSION |
| 505 | Fundamentals of Computer Systems : GRAD |
| 510 | Advanced Operating Systems : CSC505 |
| 512 | Network Architecture and Protocols : CSC411 |
| 516 | Design and Analysis of Algorithms II : CSC415 |
| 518 | Concurrent Programming : GRAD |
| 520 | Advanced Object Oriented Programming : GRAD |
| 521 | Advanced Web-Based Software Development : CSC421 |
| 526 | Principles of Compiler Design II : CSC425 |
| 540 | Engineering Enterprise Object Oriented Systems : CSC421 || CSC520 || CSC521 |
| 541 | Advanced Information Security : CSC441 |
| 543 | Multiprocessing and Concurrent Programming : GRAD |
| 545 | Simulation : GRAD |
| 548 | Artificial Intelligence II : CSC447 |
| 550 | Information Systems I: Systems Analysis and Design : CSC502 |
| 551 | Information Systems II: Software Engineering : CSC550 |
| 552 | Advanced UNIX Programming : CSC352 || GRAD |
| 554 | Project Management : CSC354 || GRAD |
| 555 | Applied Cryptography : GRAD |
| 556 | Database Management Systems II : CSC456 |
| 565 | Numer Computation (anal) : GRAD |
| 566 | Numer Computation(algebra : GRAD |
| 570 | Independent Study and/or Projects in Computer Science : PERMISSION |
| 572 | Computer Network Programming : GRAD |
| 578 | Computer Graphics I : GRAD |
| 580 | Special Topics in Computer Science : PERMISSION |
| 581 | Special Topics in Computer Science : PERMISSION |
| 582 | Special Topics in Computer Science : PERMISSION |
| 583 | Special Topics in Computer Science : PERMISSION |
| 584 | Special Topics in Computer Science : PERMISSION |
| 585 | Special Topics in Computer Science : PERMISSION |
| 590 | CS Cooperative Internship : null |
| 599 | Graduate Thesis in Computer Science and Information Technology : null |
| 599 | Thesis : null |