

## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING YEARLY SCHEDULE OUTLINE

FALL	WINTER	SPRING
<b>UNDERGRADUATE PROGRAM</b>		
<p>CSCI 122 Bioinformatics CSCI 125 Programming in Visual Basic</p> <p>CSCI 201 Computer Science I CSCI 202 Computer Science II CSCI 292 Object Oriented Programming</p> <p>CSCI 303 Computer Engineer Design CSCI 310 Digital Logic CSCI 322 Web Page Programming CSCI 330 Data Structures CSCI 350 File Systems CSCI 360 Script Programming CSCI 372 Computer Systems In Organization</p> <p>CSCI 420 Computer Graphics CSCI 440 Game Design CSCI 482 Senior Project</p> <p>CSCI 500 Automata* CSCI 524 Supercomputing &amp; Visualization* CSCI 530 Data Comm. &amp; Networks* CSCI 535 Numerical Computation CSCI 551 Advanced Bioinformatics II</p> <p>CSCI 572 Database Systems CSCI 598 Foundations of Computer Architecture*</p>	<p>CSCI 122 Bioinformatics CSCI 125 Programming in Visual Basic</p> <p>CSCI 201 Computer Science I CSCI 202 Computer Science II</p> <p>CSCI 303 Computer Engineer Design CSCI 311 Advanced Digital Design CSCI 313 Machine Organization CSCI 330 Data Structures CSCI 365 Systems Administration CSCI 375 Required Analysis &amp; Design</p> <p>CSCI 405 Server Programming CSCI 431 Algorithm Analysis CSCI 455 Software Engineering CSCI 482 Senior Project CSCI 488 Ethics CSCI 489 Senior Seminar</p> <p>CSCI 510 Advanced Architecture CSCI 512 Artificial Intelligence CSCI 521 FPGA Design CSCI 531 High Performance Networks* CSCI 546 Intro to Theory of Computation* CSCI 556 Formal Methods* CSCI 570 Compilers CSCI 580 Advanced Database Systems CSCI 599 Foundations of Software Systems*</p>	<p>CSCI 122 Bioinformatics CSCI 125 Programming in Visual Basic</p> <p>CSCI 201 Computer Science I CSCI 202 Computer Science II</p> <p>CSCI 303 Computer Engineer Design CSCI 313 Machine Organization CSCI 320 Programming Languages CSCI 330 Data Structures CSCI 366 Systems Networking</p> <p>CSCI 401 Computer Architecture CSCI 403 Circuits CSCI 441 Game Programming CSCI 460 Operating Systems CSCI 482 Senior Project CSCI 511 Expert Systems* CSCI 513 Advanced Artificial Intelligence</p> <p>CSCI 515 Automated Reasoning* CSCI 520 Advanced Graphics CSCI 525 Parallel Algorithms &amp; Programming* CSCI 550 Advanced Bioinformatics I</p> <p>CSCI 565 Systems Programming*</p>
<b>MS PROGRAM</b>		
<p>CSCI 620 Programming Languages* CSCI 624 Distributed Systems* CSCI 634 Neural Networks* CSCI 655 Software Engineering CSCI 689 Comprehensive Exam</p>	<p>CSCI 600 Languages &amp; Automata Theory CSCI 610 Modern Comp. Architecture CSCI 631 Adv. Data Communications* CSCI 635 Numerical Algorithms and Simulation* CSCI 656 Formal Methods* CSCI 671 Advanced Compilers*</p>	<p>CSCI 621 Contemporary Computer Graphics* CSCI 625 Parallel Processing* CSCI 630 Algorithms CSCI 640 Artificial Intelligence* CSCI 646 Theory of Computation CSCI* CSCI 660 Operating Systems CSCI 670 Compiler Design* CSCI 680 Distributed Database Management Sys * CSCI 689 Comprehensive Exam</p>

\* Elective courses offered upon demand.

February 12, 2008