


**SCHOOL OF COMPUTER SCIENCE AND ENGINEERING YEARLY SCHEDULE OUTLINE AY 2018/2019**

FALL	WINTER	SPRING
<b>UNDERGRADUATE PROGRAM</b>		
<p>CSE 122 Bioinformatics                      CSE 125 Programming in Visual Basic                      CSE 129 Science, Computing and Society</p> <p>CSE 201 Computer Science I                      CSE 202 Computer Science II</p> <p>CSE 208 Intro to Computer Engineering Design</p> <p>CSE 292 Java Programming</p> <p>CSE 310 Digital Logic                      CSE 313 Machine Organization                      CSE 330 Data Structures                      CSE 401 Computer Architecture                      CSE 460 Operating Systems*</p> <p>CSE 311 Advanced Digital Design                      CSE 322 Web Page Programming                      CSE 360 Script Programming</p> <p>CSE 420 Computer Graphics*                      CSE 440 Game Design                      CSE 482 Senior Project</p> <p>CSE 500 Automata                      CSE 524 Supercomputing &amp; Visualization                      CSE 525 Parallel Algorithms &amp; Programming                      CSE 530 Data Comm. &amp; Networks                      CSE 535 Numerical Computation</p>	<p>CSE 122 Bioinformatics                      CSE 125 Programming in Visual Basic                      CSE 129 Science, Computing and Society</p> <p>CSE 201 Computer Science I                      CSE 202 Computer Science II</p> <p>CSE 308 Computer Engineering Design                      CSE 310 Digital Logic                      CSE 313 Machine Organization                      CSE 330 Data Structures                      CSE 335 Signals and Systems                      CSE 365 Systems Administration</p> <p>CSE 401 Computer Architecture*                      CSE 431 Algorithm Analysis                      CSE 455 Software Engineering*                      CSE 460 Operating Systems                      CSE 461 Advanced Operating Systems</p> <p>CSE 501 Intro to Theory of Computation                      CSE 510 Advanced Architecture                      CSE 512 Artificial Intelligence                      CSE 516 Machine Learning                      CSE 520 Advanced Graphics                      CSE 521 FPGA Design                      CSE 550 Advanced Bioinformatics I*                      CSE 570 Compilers                      CSE 572 Database Systems</p>	<p>CSE 122 Bioinformatics                      CSE 125 Programming in Visual Basic                      CSE 129 Science, Computing and Society</p> <p>CSE 201 Computer Science I                      CSE 202 Computer Science II</p> <p>CSE 310 Digital Logic                      CSE 313 Machine Organization                      CSE 330 Data Structures                      CSE 401 Computer Architecture                      CSE 460 Operating Systems</p> <p>CSE 366 Systems Networking</p> <p>CSE 403 Circuit Design and Analysis                      CSE 405 Server Programming                      CSE 408 Sustainable Engineering Design                      CSE 441 Game Programming                      CSE 455 Software Engineering                      CSE 456 Embedded Systems                      CSE 482 Senior Project                      CSE 488 Ethics                      CSE 489 Senior Seminars</p> <p>CSE 541 Robotics and Control                      CSE 511 Expert Systems*                      CSE 513 Advanced Artificial Intelligence*                      CSE 530 Data Comm. &amp; Networks*                      CSE 580 Advanced Database Systems</p>
<p>* Courses offered upon demand.                      More courses might be offered pending upon the demand.</p>		
<b>MS PROGRAM</b>		

CSE 625 Parallel Processing* CSE 655 Software Engineering CSE 689 Comprehensive Exam	CSE 602 Computation & Complexity Theory CSE 610 Modern Comp. Architecture CSE 624 Distributed Systems* CSE 631 Adv. Data Communications* CSE 670 Compiler Design	CSE 621 Contemporary Computer Graphics* CSE 630 Algorithms CSE 660 Operating Systems CSE 689 Comprehensive Exam
--	--	--



\* Courses offered upon demand.

## SCHOOL OF COMPUTER SCIENCE AND ENGINEERING YEARLY SCHEDULE OUTLINE AY 2019/2020

FALL	WINTER	SPRING
UNDERGRADUATE PROGRAM		
<p>CSE 122 Bioinformatics CSE 125 Programming in Visual Basic CSE 129 Science, Computing and Society</p> <p>CSE 201 Computer Science I CSE 202 Computer Science II</p> <p>CSE 208 Intro to Computer Engineering Design</p> <p>CSE 292 Java Programming</p> <p>CSE 310 Digital Logic CSE 313 Machine Organization CSE 311 Advanced Digital Design CSE 320 Programming Languages CSE 322 Web Page Programming CSE 330 Data Structures CSE 360 Script Programming</p> <p>CSE 401 Computer Architecture CSE 420 Computer Graphics* CSE 431 Algorithm Analysis CSE 440 Game Design CSE 460 Operating Systems CSE 461 Advanced Operating Systems CSE 482 Senior Project CSE 488 Ethics* CSE 489 Senior Seminars*</p> <p>CSE 500 Automata CSE 525 Parallel Algorithms &amp; Programming* CSE 530 Data Comm. &amp; Networks CSE 535 Numerical Computation CSE 551 Advanced Bioinformatics II* CSE 555 Software Design &amp; Architecture* CSE 557 Computer Systems In Organization* CSE 570 Compilers CSE 572 Database Systems</p>	<p>CSE 122 Bioinformatics CSE 125 Programming in Visual Basic CSE 129 Science, Computing and Society</p> <p>CSE 201 Computer Science I CSE 202 Computer Science II</p> <p>CSE 308 Computer Engineering Design CSE 310 Digital Logic CSE 313 Machine Organization CSE 330 Data Structures CSE 335 Signals and Systems CSE 365 Systems Administration</p> <p>CSE 401 Computer Architecture* CSE 460 Operating Systems CSE 455 Software Engineering*</p> <p>CSE 501 Intro to Theory of Computation CSE 510 Advanced Architecture CSE 512 Artificial Intelligence CSE 516 Machine Learning CSE 520 Advanced Graphics CSE 521 FPGA Design CSE 531 High Performance Networks* CSE 550 Advanced Bioinformatics I* CSE 558 Requirements Analysis &amp; Design* CSE 580 Advanced Database Systems</p>	<p>CSE 122 Bioinformatics CSE 125 Programming in Visual Basic CSE 129 Science, Computing and Society</p> <p>CSE 201 Computer Science I CSE 202 Computer Science II</p> <p>CSE 310 Digital Logic CSE 313 Machine Organization CSE 330 Data Structures CSE 366 Systems Networking</p> <p>CSE 401 Computer Architecture CSE 403 Circuit Design and Analysis CSE 405 Server Programming CSE 408 Sustainable Engineering Design CSE 431 Algorithm Analysis CSE 441 Game Programming CSE 455 Software Engineering CSE 456 Embedded Systems CSE 460 Operating Systems CSE 461 Advanced Operating Systems CSE 482 Senior Project CSE 488 Ethics CSE 489 Senior Seminars</p> <p>CSE 524 Supercomputing &amp; Visualization* CSE 530 Data Comm. &amp; Networks* CSE 541 Robotics and Control CSE 572 Database Systems</p>

\* Courses offered upon demand.

## MS PROGRAM

CSE 625 Parallel Processing\*  
CSE 655 Software Engineering  
CSE 670 Compiler Design  
CSE 689 Comprehensive Exam

CSE 602 Computation & Complexity Theory  
CSE 610 Modern Comp. Architecture  
CSE 624 Distributed Systems\*  
CSE 631 Adv. Data Communications\*

CSE 621 Contemporary Computer Graphics\*  
CSE 630 Algorithms  
CSE 660 Operating Systems  
CSE 689 Comprehensive Exam

\* Courses offered upon demand.

April 18, 2018-ml