

**College of Science, Technology, Engineering, and Mathematics**  
**Two-Year Projected Schedule**  
**Undergraduate**

Course	2010 Sum I	2010 Sum II	2010 Fall	2011 Spring	2011 Sum I	2011 Sum II	2011 Fall	2012 Spring	2012 Sum I	2012 Sum II
BIOL1306 Biology I			M				M			
BIOL1106 Biology I Lab (1sh)			M				M			
BIOL1307 Biology II				M				M		
BIOL1107 Biology II Lab (1sh)				M				M		
BIOL307 General Ecology			M				M			
BIOL308 Invertebrate Zoology				M				M		
BIOL310 Genetics				M				M		
BIOL402 Cell Biology			M				M			
BIOL403 Environmental Physiology				M						
BIOL405 Vertebrate Field Biology					M					
BIOL406 Wildlife Ecology									M	
BIOL407 Wildlife Techniques									M	
BIOL408 Landscape Ecology				M						
BIOL410 Biochemistry I							M			
BIOL411 Biochemistry II								M		
BIOL437 Herpetology								M		
BIOL440 Vertebrate Biology			M				M			
BIOL449 Vertebrate Histology								M		
BIOL450 Limnology				M						
BIOL464 Independent Research	M		M	M	M		M	M	M	
BIOL466 Evolutionary Biology			M				M			
BIOL472 Intro to Forensic Science			M				M			
BIOL481 Seminar in Biology				M				M		
BIOL490 Introduction to Biotechnology								M		
CHEM1311 General Chemistry I			M				M			
CHEM1111 General Chemistry I Lab (1sh)			M				M			
CHEM1312 General Chemistry II				M				M		
CHEM1112 General Chemistry II Lab (1sh)				M				M		
*CHEM2423 Organic Chemistry I (4sh)							M			
*CHEM2425 Organic Chemistry II (4sh)								M		
CHEM405 Environmental Chemistry				M						
CHEM410 Biochemistry I							M			
CHEM411 Biochemistry II								M		
CHEM472 Intro to Forensic Science			M				M			
CHEM490 Introduction to Biotechnology								M		
CS1315 Introduction to Computer Science				M				M		
CS2305 Discrete Math for Engineers			M				M			
CS2318 Engineering Mathematics							M			
CS305 Data Structures				M				M		
CS310 Analysis of Algorithms				M				M		
CS320 Digital Logic				M				M		
CS332 C++ Programming (4sh)			M				M			
CS340 Computer Architecture			M				M			
CS352 Java Programming							M			
CS353 Advanced Object-Oriented Programming								M		
*CS360 Artificial Intelligence							M			
CS361 Data Design and Application				M				M		
CS363 Neural Networks and Machine Learning				M						
CS367 Software Engineering			M				M			
CS370 Programming Languages Design			M				M			
CS380 Automata Theory										
CS390 Ethics in Technology							M			
CS410 Operating System				M				M		
CS420 Computer Networks			M				M			
CS425 Distributed Computing								M		
CS465 Computer Security								M		
CS467 Image Processing and Computer Vision			M							
*CS468 Bioinformatics								M		
CS485 Capstone in CS (4sh)				M				M		
EE210 Introduction to Electrical Engineering			M				M			
EE305 Data Structures				M				M		
EE310 Algorithm Analysis				M				M		
EE317 Information Theory							M			
EE319 Introduction to Circuits				M				M		
EE320 Circuit Lab (1sh)			M							
EE321 Digital Logic				M				M		

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EE322 Digital Logic Lab				M				M		
EE325 Signals and Systems I								M		
EE326 Signals and Systems I Lab (1sh)								M		
EE332 C++ Programming			M				M			
EE335 Electronics			M							
*EE336 Electronics Lab (1sh)				M						
EE340 Computer Architecture			M				M			
*EE342 Microprocessor Lab										
*EE345 Intro. To Electromagnetic Theory			M							
*EE346 Embedded System Design										
EE390 Ethics in Technology							M			
EE425 Signals and Systems II			M							
*EE427 Mixed Signal Design										
EE429 Basic Communication Theory				M						
*EE431 Intro. To Nanotechnology										
*EE451 Reconfigurable System Design				M						
EE455 Digital Circuit Testing & Testability								M		
EE465 VLSI Design			M							
*EE467 Intro to Robotics										
*EE469 Wireless Communication							M			
EE470 Digital Design Using VHDL							M			
*EE475 Capstone Project (4sh)				M				M		
GEOL1403 Physical Geology (4sh)							M			
GEOL1404 Historical Geology (4sh)				M			M			
MATH1314 College Algebra			M							
MATH1324 Mathematics for Business & Social Sciences			M				M			
*Math1325 Business Calculus				M				M		
*MATH1350 Fundamentals of Math I			M				M			
*MATH1351 Fundamentals of Math II				M				M		
*MATH2313 Calculus I			M				M			TBD
*MATH2113 Calculus I Lab (1sh)			M				M			TBD
*MATH2414 Calculus II (4sh)				M				M		
*MATH2415 Calculus III (4sh)								M		
MATH315 Differential Equations				M/N						
MATH321 Modern Geometry				M/N				M/N		
MATH331 Discrete Mathematics							M/N			
MATH334 Intro Abstract Algebra								M/N		
MATH335 Linear Algebra							M/N			
MATH350 Concepts of Measure & Date Inter										
MATH351 Concepts of Geometry										
MATH352 Math Found & Appl			M/N							
MATH355 Statistical and Geometrical Concepts	W		W	W	W	W	W	W	W	
MATH415 Numerical Analysis			M				M			
MATH430 Mathematical Modeling			M/N							
MATH437 Number Theory			M/N							
MATH453 Statistics	W		W	W	W	W	W	W	W	
MATH457 Probability and Statistics								M/N		
MATH493 Capstone in Mathematics				M/N				M/N		
*PHYS1301 College Physics I			M				M			
*PHYS1101 College Physics I Lab (1sh)			M				M			
*PHYS1302 College Physics II				M				M		
*PHYS1102 College Physics II Lab (1sh)				M				M		
*PHYS1315 Physical Science I							M			
*PHYS1115 Physical Science I Lab (1sh)							M			
*PHYS1317 Physical Science II				M				M		
*PHYS1117 Physical Science II Lab (1sh)				M				M		
*PHYS1403 Stars & Galaxies (4sh)				M				M		
*PHYS2325 University Physics I				M				M		
*PHYS2125 University Physics I Lab (1sh)				M				M		
*PHYS2326 University Physics II							M			
*PHYS2126 University Physics II Lab (1sh)							M			

M = Main Campus (University Ave); S = South Campus (Robison Rd); N = NTCC Campus; H = Hallsville; W = Web

\*Pending course approval