

**Louisiana Tech University Computer Science Curriculum Fall 2006**

Name:  
 Minor(s):  
 Advisor:

Catalog for Graduation:  
 Target Graduation Date:  
 Status:

Communications (12 hrs.)	Credit	Quarter	Grade
* ENGL 101 - Composition I	3		
ENGL 102 - Composition II	3		
ENGL 303 - Technical Writing	3		
SPCH 377 / ENGL 463 -- Presentations	3		

Humanities / Social Sciences (18 hrs.)	Credit	Quarter	Grade
ECON 215 - Fundamentals of Econ.	3		
Fine Arts Elective	3		
+ HIST 102 - World History since 1500	3		
ENGL 201 / 202	3		
Social Science Elective	3		
Social Science Elective	3		

Computer Science (48 hrs.)	Credit	Quarter	Grade
* CSC 100 - Overview of Computing	3		
* CSC 120 - Intro. to Programming	3		
* CSC 122 - Object Oriented	3		
* CSC 220 - Data Structures	3		
* CSC 230 - Software Design	3		
* CSC 251 - Assembly Language	3		
* CSC 265 - Digital Design	2		
* CSC 269 - Digital Design Lab	1		
* CSC 310 - Theory of Computing	3		
* CSC 325 - Adv. Data Structures	3		
* CSC 330 - Programming Languages	3		
* CSC 345 - Operating Systems	3		
* CSC 364 - Computer Architecture	3		
* CSC 404 - Senior Capstone	3		
CSC Elective	3		
CSC Elective	3		
CSC Elective	3		

Math and Science (30 hrs.)	Credit	Quarter	Grade
* MATH 240 - Calculus I	3		
* MATH 241 - Calculus II	3		
* MATH 242 - Calculus III	3		
MATH 311 - Discrete Mathematics	3		
STAT 405 / IENG 400 - Statistics	3		
*PHYS 201 - General Physics I	3		
PHYS 202 - General Physics II	3		
PHYS 261 - Physics I Lab	1		
PHYS 262 - Physics II Lab	1		
BISC 130 - Intro. to Biology	3		
BISC 131 - Intro. to Biology Lab	1		
Math/Science Elective	3		

Minor / Support Area (18 hrs.)	Credit	Quarter	Grade

\* grade of **C** or better is required

All students **must** complete a minor. The minor must be approved by the Program Chair. After requirements for a minor have been met, the balance of the minor / support area courses can be chosen from science, math, engineering, computer science, or approved business courses.

Fine Arts: ART 290 / MUGN 290 / SPTH 290 / HES 280

Social Science: Geography / Pol. Sci. / Sociology / Psych / Anthropology

+ If substituting another history, GEOG 205 or GEOG 210 **MUST** be taken as a Social Science Elective.