College of Basic and Applied Sciences
Upper Division Form 2009-2011 Catalog

Student name _____ Student # _____

Major **Computer Science** Minor _____

Concentration **Professional Computer Science** E-mail _____

Instructions: For students graduating in Fall 2009 or later. ***One (1) copy signed by major and minor advisors should be filed in the Records Office three semesters prior to graduation. An Intent to Graduate form should be submitted with this form.***

General Education	Course	Semester	Grade	Notes	Credit Hours
COMMUNICATION (9 hours)	**ENGL 1010**				3
	ENGL 1020				3
	COMM 2200				3
HISTORY (6 hours) Choose two: HIST 2010, HIST 2020,HIST 2030					3
					3
HUMANITIES AND/OR FINE ARTS (9 hours) Choose one: ENGL 2020, 2030 or HUM 2610. Choose two with different prefixes: ANTH 2210, ART 1030, 1910 or 1920, DANC 1000, HIST 1010, 1020, 1110 or 1120, MUS 1030, PHIL 1030, THEA 1030					3
					3
					3
MATHEMATICS (3 hours)	**MATH 1910**			4th credit counts in Supporting Courses	3
NATURAL SCIENCES (8 hours) * Choose two (different rubrics): BIOL 1110/1111, CHEM 1010/1011 or 1110/1111, PHYS 2010/2011 or 2110/2111				Note: A supporting science course must be chosen to make a year-long sequence (see page 2)	4
					4
SOCIAL/BEHAVIORAL SCIENCES (6 hours) Choose two (different rubrics): AAS 2100, ANTH 2010, ECON 2410, GEOG 2000, HLTH 1530, PS 1010, PS 2010, PSY 1410, SOC 1010 or 2010, WMST 2100, EMC/JOUR/RIM 1020					3
					3
				Hours Required	41

*** See your advisor for other Natural Sciences options**

Major Courses (2.0 GPA required)	Course	Semester	Grade**	Notes	Credit Hours
Computer Science I	**CSCI 1170**				4
Computer Science II	**CSCI 2170**				4
Discrete Structures	**CSCI 3080**				3
Advanced Data Structures	**CSCI 3110**				3
Introduction to Computer Architecture	**CSCI 3130**				4
Introduction to Assembly Language	**CSCI 3160**				3
Theory of Programming Languages	**CSCI 3210**				3
Operating Systems	**CSCI 3250**				3
Social, Ethical, and Legal Implications of Computing	**CSCI 3420**				2
Compiler Design and Software Development	**CSCI 4160**				3
Software Engineering	**CSCI 4700**				3
CSCI High-Level Language					3
Upper-Division CSCI Elective					3
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				Hours Required	44

****Must have a C (2.0) or better in each course.**

Supporting and Elective Courses				
Course	**Semester**	**Grade**	**Notes**	**Credit Hours**
Math 1910			3 credits counted in General Education	1
Math 1920				4
Math 2050				3
Math elective:			Must be a course for math majors	3-4
Math elective:			Not needed if first math elective is 4 hours	0-1
Science:			Complete a year-long sequence started in general studies natural sciences area	4
Math or Science:			Math (15 hours) + Science (12 hours) + 3 hours MATH/SCI and must be at least 30 hours	3
Elective to make 120 hours (if needed)				
Elective to make 120 hours (if needed)				
Elective to make 120 hours (if needed)				
			Hours Required	17-20

Minor				
Course	**Semester**	**Grade**	**Notes**	**Credit Hours**
			Hours Required	15-18

Signed:		
	Minor Advisor	**Date**

Optional 2nd Minor			
Course	**Credit Hours**	**Course**	**Credit Hours**
		Hours Required	

Signed:		
	Minor Advisor	**Date**

1. Degrees require a minimum of 120 semester hours (12 of the last 18 at MTSU) with a 2.0 GPA, a minimum of 42 upper-division hours (30 at MTSU) with a 2.0 GPA, and a minimum of 60 senior college hours.

2. Remedial/developmental courses do not count toward the 120-hour requirement or cumulative degree GPA.

3. Courses used to fulfill high school deficiencies can only be counted as general elective credit.

Signed:		
	Major Advisor	**Date**

Student's local address to which graduation analysis information should be sent: