

**ARKANSAS STATE UNIVERSITY
COLLEGE OF SCIENCES AND MATHEMATICS**

NAME: _____
STUDENT ID: _____

DEGREE AND MAJOR: **B. S., COMPUTER SCIENCE**
MINOR (if applicable): _____

CATALOG YEAR: **2014 - 2015**
revised: **03/26/15**

	substitution or transfer course #	grade
FIRST YEAR MAKING CONNECTIONS: 3 hrs.		
CS 1093: Making Connections CS	_____	_____
UC 1013: Making Connections	_____	_____

GENERAL EDUCATION REQUIREMENTS: 36 hrs.		
Communication: 9 hrs.		
ENG 1003: Composition I	_____	_____
ENG 1013: Composition II	_____	_____
SPCH/COMS 1203: Oral Communication	_____	_____

Mathematics: 4 hrs.		
MATH 2204: Calculus I	_____	_____

Fine Arts and Humanities: 6 hrs.		
<u>Fine Arts (one of next three)</u>		
ART 2503: Fine Arts - Visual	_____	_____
MUS 2503: Fine Arts - Musical	_____	_____
THEA 2503: Fine Arts - Theatre	_____	_____
<u>Humanities (one of next three)</u>		
ENG 2003: Intro Literature of Western World I	_____	_____
ENG 2013: Intro Literature of Western World II	_____	_____
PHIL 1103: Intro to Philosophy	_____	_____

Social Sciences: 9 hrs.		
<u>Economics (one of next two)</u>		
ECON 2313: Principles of Macroeconomics	_____	_____
ECON 2333: Economic Issues & Concepts	_____	_____
<u>Understanding Global Issues (one of next eight)</u>		
ANTH 2233: Intro to Cultural Anthropology	_____	_____
GEOG 2613: Intro to Geography	_____	_____
HIST 1013: World Civilization To 1660	_____	_____
HIST 1023: World Civilization Since 1660	_____	_____
JOUR/RTV 1003: Mass Communication	_____	_____
POSC 1003: Introduction to Politics	_____	_____
PSY 2013: Introduction to Psychology	_____	_____
SOC 2213: Introduction to Sociology	_____	_____
<u>U. S. History or Government (one of next three)</u>		
HIST 2763: The United States To 1876	_____	_____
HIST 2773: The United States Since 1876	_____	_____
POSC 2103: Intro to U. S. Government	_____	_____

Science: 8 hrs.		
<u>Life Sciences (one of next four and BIOL 1001)</u>		
BIOL 1003: Biological Science	_____	_____
BIOL 1033: Biology of Sex	_____	_____
BIOL 1043: Plants and People	_____	_____
BIOL 1063: People and the Environment	_____	_____
BIOL 1001: Biological Science Laboratory	_____	_____
<u>Physical Sciences (one of next two)</u>		
PHYS 2034: University Physics I	_____	_____
PHYS 2073: Fundamental Physics I and	_____	_____
PHYS 2071: Fundamental Physics I Laboratory	_____	_____

MAJOR REQUIREMENTS: 74 hrs.		
Computer Science (required): 32 hrs.		
CS 2114: Structured Programming	_____	_____
CS 2124: OOP & Fundamental Data Structures	_____	_____
CS 3113: Algorithms & Adv Data Structures	_____	_____
CS 3123: Programming Languages	_____	_____
CS 3223: Computer Organization	_____	_____
CS 3233: Operating Systems	_____	_____
CS 4113: Software Engineering	_____	_____
CS 4143: Java and Application Development	_____	_____
CS 4543: Database Systems	_____	_____
CS 4713: Analysis of Algorithms	_____	_____

Computer Science (electives): 12 hrs.		
<i>May include MATH 4533 but not CS 1013 or 1114</i>		
_____	_____	_____
_____	_____	_____
_____	_____	_____

Mathematics and Statistics: 13 hrs.		
MATH 2183: Discrete Structures	_____	_____
MATH 2214: Calculus II	_____	_____
MATH 3243: Linear Algebra	_____	_____
STAT 3233: Applied Statistics I	_____	_____

Science: 8 hrs.		
CHEM 1013: General Chemistry I and	_____	_____
CHEM 1011: General Chemistry I Lab	_____	_____
PHYS 2044: University Physics II or	_____	_____
PHYS 2083: Fundamental Physics II and	_____	_____
PHYS 2081: Fundamental Physics II Laboratory	_____	_____

Electrical Engineering: 3 hrs.		
EE 3333: Digital Electronics I	_____	_____

English: 3 hrs.		
ENG 3043: Technical Writing	_____	_____

Philosophy: 3 hrs.		
PHIL 3723: Computers, Ethics & Society	_____	_____

FOREIGN LANGUAGE REQUIREMENT: 0 - 6 hrs.
*See Foreign Lang Requirement on p. 348 of 2013-2014 Bulletin;
each high school year waives one semester (no degree credit).*

_____	_____	_____
_____	_____	_____

FREE ELECTIVES: 1 - 7 hrs.
Electives must complete 120 earned hours for the degree.

_____	_____	_____
_____	_____	_____
_____	_____	_____

Note: Substitutions to major requirements must be accompanied by student petition approved by CS Curriculum Committee.

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Graduation Check List

Current Enrollment:

- English proficiency
(C or better in ENG 1003 & 1013) _____
- 3 hours HIST 2763 or 2773 or POSC 2103 _____
- 2.00 average overall _____
- 2.00 average in major _____
- 2.00 average at ASU _____
- 120 hours for degree _____
- 18 of last 24 hours on ASU campus _____
- 32 resident hours _____
- 45 Jr/Sr hours after 30 hours _____
- Minimum 57 hours from 4-year institutions _____
- Maximum 31 hours
corr/ext/exam/CLEP/MS/USAFI
(maximum 30 hours by exam/CLEP) _____

The above named student has met all requirements for graduation providing he/she satisfactorily completes the courses of current enrollment. If correspondence or transfer credit, official transcript must be filed with registrar at least three weeks prior to graduation.

Adviser Date

Chair of Computer Science Date

Dean of Sciences and Mathematics Date