**ARKyANSAS STATE UNIVERSITY**  
**COlleGE OF SCIENCES AND MATHEMATICS**

| NAME: | 
|STUDENT ID: |

**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.  
*Fine Arts (one of next three)*  
ART 2503: Fine Arts - Visual  
MUS 2503: Fine Arts - Musical  
THEA 2503: Fine Arts - Theatre  
*Humanities (one of next three)*  
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.  
*Economics (one of next two)*  
ECON 2313: Principles of Macroeconomics  
ECON 2333: Economic Issues & Concepts  
*Understanding Global Issues (one of next eight)*  
ANTH 2233: Intro to Cultural Anthropology  
GEOG 2613: Intro to Geography  
HIST 1013: World Civilization To 1660  
HIST 1023: World Civilization Since 1660  
CMAC 1003: Mass Communication in Modern Society  
POSC 1003: Introduction to Politics  
PSY 2013: Introduction to Psychology  
SOC 2213: Introduction to Sociology  
*U. S. History or Government (one of next three)*  
HIST 2763: The United States To 1876  
HIST 2773: The United States Since 1876  
POSC 2103: Intro to U. S. Government

**Science:** 8 hrs.  
*Life Sciences (one of next four and BIOL 1001)*  
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  
*Physical Sciences (one of next two)*  
PHYS 2034: University Physics I  
PHYS 2073: Fundamental Physics I and  
PHYS 2071: Fundamental Physics I Laboratory

**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.  
Completion of a foreign lang at the level of elementary II

**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.

---

**DEGREE AND MAJOR:** B. S., COMPUTER SCIENCE  
**MINOR (if applicable):** _______________  
**CATALOG YEAR:** 2015 - 2016  
**revised:** 09/18/15

**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.  
*May include MATH 4533 but not CS 1013 or 1114*

**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.  
Completion of a foreign lang at the level of elementary II

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

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 ____________