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

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

**NAME:**
**STUDENT ID NUMBER:**

**CATALOG YEAR:**     **2010 - 2011**
**revised:**          **03/30/12**

SUBSTITUTION OR TRANSFER
COURSE NO.    GRADE

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**FIRST YEAR MAKING CONNECTIONS: 3 hrs.**
CS 1093: Making Connections

**GENERAL EDUCATION REQUIREMENTS: 44 - 45 hrs.**
*Any one course will count toward only one area.*
*One course must have a HIST prefix.*
*No more than two of same prefix except ENG or science & lab.*
**Communication: 6 hrs.**
ENG 1003: Freshman English I
ENG 1013: Freshman English II
**Mathematics: 4 hrs.**
MATH 2204: Calculus I
**Critical Thinking: 3 hrs. (one** *of next three*)
PHIL 1103: Intro to Philosophy
PHIL 1503: Logic & Practical Reasoning
SPCH/SCOM 1203: Oral Communication
**Understanding Global Issues: 3 hrs. (one** *of next four*)
ANTH 2233: Intro Cultural Anthropology
GEOG 2613: Intro to Geography
HIST 1013: World Civilization To 1660
HIST 1023: World Civilization Since 1660
**Arts and Humanities: 9 hrs. (three** *of next six*)
Fine Arts (*at least* **one** *of next three*)
MUS 2503: Fine Arts - Musical
THEA 2503: Fine Arts - Theatre
ART 2503: Fine Arts - Visual
Humanities (*at least* **one** *of next three*)
ENG 2003: Intro Lit of Western World I
ENG 2013: Intro Lit of Western World II
PHIL 1103: Intro to Philosophy
**Social Sciences: 9 hrs. (one** *of next three and* **three** *of next eight*)
HIST 2763: The United States To 1876
HIST 2773: The United States Since 1876
POSC 2103: Intro to U. S. Government
POSC 1003: Intro to Politics
ECON 2313: Principles of Macroeconomics
ECON 2333: Economic Issues & Concepts
PSY 2013: Intro to Psychology
SOC 2213: Intro to Sociology
**Science: 8 hrs.**
Life Sciences
BIOL 1013: Biology of the Cell
BIOL 1021: Biology of the Cell Lab
Physical Sciences
PHYS 2034: University Physics I
**Health and Wellness: 2 - 3 hrs. (one** *of next two*)
NRS 2203: Basic Human Nutrition
PE 1002: Concepts of Fitness

**MAJOR REQUIREMENTS: 69 hrs.**
**Computer Science (required): 29 hrs.**
CS 2114: Structured Programming
CS 2124: Object-Oriented Programming
CS 3113: Data Structures
CS 3123: Programming Languages
CS 3213: Assembly Lang Programming
CS 3223: Computer Architecture
CS 3233: Operating Systems
CS 4113: Software Engineering I
CS 4123: Software Engineering II
**Computer Science (electives): 12 hrs.**
*May include MATH 4533 but* **not** *CS 1013 or 1114*

**Mathematics and Statistics: 14 hrs.**
MATH 2183: Discrete Structures
MATH 2214: Calculus II
MATH 3254: Calculus III
STAT 4453: Probability & Statistics I
**Science: 8 hrs.**
PHYS 2044: Univ Physics II
(**one** *of next three pairs*)
BOT 1103: Biology of Plants *and*
BOT 1101: Biology of Plants Lab
CHEM 1013: Gen Chemistry I *and*
CHEM 1011: Gen Chemistry I Lab
ZOOL 1043: Biology of Animals *and*
ZOOL 1041: Biology of Animals Lab
**Electrical Engineering: 3 hrs.**
EE 3333: Digital Electronics I
**Philosophy: 3 hrs.**
PHIL 3723: Comps, Ethics & Society

**FOREIGN LANGUAGE REQUIREMENT: 0 - 6 hrs.**
*See Foreign Lang Req on p. 253 of 2010-2011 Bulletin;*
*each high school year waives one semester (no degree credit).*

**FREE ELECTIVES: 1 - 8 hrs.**
*Electives must complete 124 earned hours for the degree.*

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

**NAME:** _____

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**Graduation Check List**

**Current Enrollment**

English proficiency
   (C or better in ENG 1003 & 1013)          _____          _____

3 hours HIST2763 or 2773 or POSC 2103          _____          _____

2.00 average overal          _____          _____

2.00 average in major          _____          _____

2.00 average at ASU          _____          _____

124 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/CLEDP/MS/USAFI          _____
   (maximum 30hours by exam/CLEP)

The above named student as met all requirements for gradua-
tion 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