ARKANSAS STATE UNIVERSITY
COLLEGE OF SCIENCES AND MATHEMATICS

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

NAME: _____
STUDENT ID #: _____

CATALOG YEAR: 2011 - 2012
revised: 09/05/12

substitution or transfer course # | grade

FIRST YEAR MAKING CONNECTIONS: 3 hrs. (**one** *of next two*)
- CS 1093: Making Connections CS _____ _____
- UC 1013: Making Connections _____ _____

GENERAL EDUCATION REQUIREMENTS: 37 – 39 hrs.
One course must have a HIST prefix.
No more than two of same prefix except ENG or science & lab.
Communication: 6 hrs.
- ENG 1003: Composition I _____ _____
- ENG 1013: Composition II _____ _____

Mathematics: 3 – 4 hrs. (**one** *of next two*)
- MATH 1023: College Algebra _____ _____
- MATH 1054: Precalculus Mathematics _____ _____

Critical Thinking: 3 hrs.
- SPCH/SCOM 1203: Oral Communication _____ _____

Understanding Global Issues: 3 hrs. (**one** *of next four*)
- ANTH 2233: Intro to Cultural Anthropology _____ _____
- GEOG 2613: Intro to Geography _____ _____
- HIST 1013: World Civilization To 1660 _____ _____
- HIST 1023: World Civilization Since 1660 _____ _____

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: 6 hrs.
- ECON 2333: Economic Issues & Concepts _____ _____

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** *BIO 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 three*)
- PHYS 2034: University Physics I _____ _____
- PHYS 2054: General Physics I _____ _____
- PHYS 2073: Fundamental Physics I *and* _____ _____
- PHYS 2071: Fundamental Physics I Laboratory _____ _____

Health and Wellness: 2 – 3 hrs. (**one** *of next two*)
- NRS 2203: Basic Human Nutrition _____ _____
- PE 1002: Concepts of Fitness _____ _____

MAJOR REQUIREMENTS: 66 – 70 hrs.
Computer Science (required): 30 hrs.
- CS 1114: Concepts of Programming _____ _____
- CS 2114: Structured Programming _____ _____
- CS 2124: OOP & Fundamental Data Structures _____ _____
- CS 3113: Algorithms & Adv Data Structures _____ _____
- CS 3233: Operating Systems _____ _____
- CS 4113: Software Engineering _____ _____
- CS 4143: Java and Application Development _____ _____
- CS 4313 Computer Networks _____ _____
- CS 4543: Database Systems _____ _____

Computer Science (electives): 9 hrs.
May include MATH 4533 but **not** *CS 1013*
- _____ _____ _____
- _____ _____ _____
- _____ _____ _____

Mathematics and Statistics: 9 – 10 hrs.
- MATH 2183: Discrete Structures _____ _____
- STAT 3233: Applied Statistics I _____ _____
- MATH 2143: Business Calculus *or*
- MATH 2194: Survey of Calculus *or* _____ _____
- MATH 2204: Calculus I

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

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

Business Track: 12 – 15 hrs.
- _____ _____ _____
- _____ _____ _____
- _____ _____ _____
- _____ _____ _____
- _____ _____ _____

FOREIGN LANGUAGE REQUIREMENT: 0 – 12 hrs.
See Foreign Lang Requirement on p. 251 of 2011-2012 Bulletin;
each high school year waives one semester (no degree credit).
- _____ _____ _____
- _____ _____ _____
- _____ _____ _____

FREE ELECTIVES: 0 – 18 hrs.
Electives must complete 124 earned hours for the degree.
Electives must include junior/senior credit to reach total of 45.
- _____ _____ _____
- _____ _____ _____
- _____ _____ _____
- _____ _____ _____
- _____ _____ _____
- _____ _____ _____

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)   _____

1 _____

3 hours HIST 2763 or 2773 or POSC 2103   _____

2 _____

2.00 average overall   _____

3 _____

2.00 average in major   _____

4 _____

2.00 average at ASU   _____

5 _____

124 hours for degree   _____

6 _____

18 of last 24 hours on ASU campus   _____

7 _____

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