

**ARKANSAS STATE UNIVERSITY
COLLEGE OF ENGINEERING AND COMPUTER SCIENCE**

NAME: _____
STUDENT ID: _____

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

CATALOG YEAR: 2019 - 2020
revised: 06/11/19

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

GENERAL EDUCATION REQUIREMENTS: 35 hrs.		
Communication: 9 hrs.		
ENG 1003: Composition I	_____	_____
ENG 1013: Composition II	_____	_____
COMS 1203: Oral Communication	_____	_____

Mathematics: 3 hrs.		
MATH 1023: College Algebra	_____	_____

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	_____	_____
CMAC 1003: Mass Communication in Modern Society	_____	_____
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 three)</u>		
PHYS 2034: University Physics I	_____	_____
PHYS 2054: General Physics I	_____	_____
PHYS 2073: Fundamental Physics I and	_____	_____
PHYS 2071: Fundamental Physics I Laboratory	_____	_____

	substitution or transfer course #	grade
MAJOR REQUIREMENTS: 69 – 73 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): 12 hrs.		
<i>Junior/Senior CS courses, may include MATH 4533</i>		
_____	_____	_____
_____	_____	_____
_____	_____	_____

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.		
<i>See Business Track options on p. 382 of 2015-2016 Bulletin.</i>		
<i>(See next page)</i>		
_____	_____	_____
_____	_____	_____
_____	_____	_____

_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

FREE ELECTIVES: 9 – 13 hrs.		
<i>Electives must complete 120 earned hours for the degree.</i>		
<i>Electives must include junior/senior credit to reach total of 45.</i>		
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

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

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Graduation Check List

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

2.00 average overall _____

2.00 average in major _____

2.00 average at A-State _____

120 hours for degree _____

18 of last 24 hours on A-State campus _____

24 CS hours on A-State 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) _____

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Business Track Options (one of next three tracks):

Electronic Commerce Track:
CIT 3353, Web Site Design and Development _____
CIT 4453, Global E-Commerce _____
MKTG 3013, Marketing _____
GCOM 3673, Desktop Publishing & Publication Design _____

Information Technology Track:
CIT 2523, Telecom and Networking Essentials _____
CIT 4453, Global E-Commerce _____
CIT 4653, Automatic Data Capture _____
CIT 4853, IT Project Management _____

General Business Track:
ACCT 2023, Fundamental Accounting Concepts _____
FIN 3713, Business Finance _____
LAW 2023, Legal Environment of Business _____
MGMT 3153, Organizational Behavior _____
MKTG 3013, Marketing _____

Current Enrollment:

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 Engineering and Computer Science Date