

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

NAME: _____
STUDENT ID: _____

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

CATALOG YEAR: **2017 - 2018**
revised: **06/26/17**

	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	_____	_____
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Fine Arts and Humanities: 6 hrs.

Fine Arts (one of next three)

ART 2503: Fine Arts - Visual	_____	_____
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MUS 2503: Fine Arts - Musical	_____	_____
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THEA 2503: Fine Arts – Theatre	_____	_____
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Humanities (one of next three)

ENG 2003: Intro Literature of Western World I	_____	_____
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ENG 2013: Intro Literature of Western World II	_____	_____
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PHIL 1103: Intro to Philosophy	_____	_____
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Social Sciences: 9 hrs.

Economics (one of next two)

ECON 2313: Principles of Macroeconomics	_____	_____
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ECON 2333: Economic Issues & Concepts	_____	_____
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Understanding Global Issues (one of next eight)

ANTH 2233: Intro to Cultural Anthropology	_____	_____
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GEOG 2613: Intro to Geography	_____	_____
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HIST 1013: World Civilization To 1660	_____	_____
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HIST 1023: World Civilization Since 1660	_____	_____
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CMAC 1003: Mass Communication in Modern Society	_____	_____
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POSC 1003: Introduction to Politics	_____	_____
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PSY 2013: Introduction to Psychology	_____	_____
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SOC 2213: Introduction to Sociology	_____	_____
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U. S. History or Government (one of next three)

HIST 2763: The United States To 1876	_____	_____
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HIST 2773: The United States Since 1876	_____	_____
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POSC 2103: Intro to U. S. Government	_____	_____
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Science: 8 hrs.

Life Sciences (one of next four and BIOL 1001)

BIOL 1003: Biological Science	_____	_____
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BIOL 1033: Biology of Sex	_____	_____
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BIOL 1043: Plants and People	_____	_____
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BIOL 1063: People and the Environment	_____	_____
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BIOL 1001: Biological Science Laboratory	_____	_____
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Physical Sciences (one of next three)

PHYS 2034: University Physics I	_____	_____
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PHYS 2054: General Physics I	_____	_____
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PHYS 2073: Fundamental Physics I and	_____	_____
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PHYS 2071: Fundamental Physics I Laboratory	_____	_____
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MAJOR REQUIREMENTS: 69 – 73 hrs.

Computer Science (required): 30 hrs.

CS 1114: Concepts of Programming	_____	_____
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CS 2114: Structured Programming	_____	_____
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CS 2124: OOP & Fundamental Data Structures	_____	_____
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CS 3113: Algorithms & Adv Data Structures	_____	_____
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CS 3233: Operating Systems	_____	_____
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CS 4113: Software Engineering	_____	_____
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CS 4143: Java and Application Development	_____	_____
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CS 4313 Computer Networks	_____	_____
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CS 4543: Database Systems	_____	_____
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Computer Science (electives): 12 hrs.

May include MATH 4533 but not CS 1013

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Mathematics and Statistics: 9 – 10 hrs.

MATH 2183: Discrete Structures	_____	_____
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STAT 3233: Applied Statistics I	_____	_____
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MATH 2143: Business Calculus or	_____	_____
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MATH 2194: Survey of Calculus or	_____	_____
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MATH 2204: Calculus I	_____	_____
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English: 3 hrs.

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

PHIL 3723: Computers, Ethics & Society	_____	_____
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Business Track: 12 – 15 hrs.

See Business Track options on p. 382 of 2015-2016 Bulletin.

(See next page)

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FREE ELECTIVES: 9 – 13 hrs.

Electives must complete 120 earned hours for the degree.

Electives must include junior/senior credit to reach total of 45.

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

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Graduation Check List

Business Track Options (*one of next three tracks*):

- 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) _____

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 Sciences and Mathematics Date