ARKANSAS STATE UNIVERSITY
COLLEGE OF ENGINEERING AND COMPUTER SCIENCE

DEGREE AND MAJOR: **M.S. Ed, Computer Science Education**
EMPHASIS:

NAME: _____
STUDENT ID: _____

CATALOG YEAR: **2019 - 2020**
revised: **06/06/2019**

	SEMESTER	GRADE
Professional Education Core Courses: 9 hours		
Philosophies/Psychology (one of next two)		
ELFN 6763: Philosophies of Education		
PSY 6513: Adv Educational Psychology		
Curriculums (one of next five)		
ELCI 5523: Middle School Curriculum		
ELCI 6063: Curriculum Management		
ELCI 6523: Secondary School Curriculum		
ELFN 6763: Philosophies of Education (if not taken previously)		
PSY 6513: Adv Educational Psychology (if not taken previously)		
Statistics and Research (one of next one)		
ELFN 6773: Intro to Statistics and Research		
Program Requirements: 15 hours		
CSED 5043: Principles of Computer Programming		
CSED 5231: Principles of Operating Systems		
CSED 5241: Principles of Computer Organization		
CSED 5731: Principles of Abstract Structures		
CSED 6113: Principles of Software Engineering		
CSED 6713: Principles of Analysis of Algorithms		
CSED 6723: Principles of Automata Theory		
Electives (two of next three): 6 hours		
CS 5223: UNIX Systems Programming		
CS 5313: Computer Networks		
CS 5543: Database Systems		
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The above named student has met all requirements for graduation providing he/she satisfactorily completes the courses of current enrollment.

_____
Advisor Date

_____
Chair of Computer Science Date

_____
Dean of Graduate School Date

Study Plans

Two-year study plan:

1st semester (Fall): 3 hours
- CSED 5043 Principles of Computer Programming (3 credit hours, but 6 contact hours)

2nd semester (Spring): 6 hours
- CSED 5231 Principles of Operating Systems (1 hour)
- CSED 5241 Principles of Computer Organization (1 hour)
- CSED 5731 Principles of Abstract Structures (1 hour)
- one of 3 Professional education core courses (3 hours)

3rd semester (Summer): 6 hours
- CS elective (3 hours)
- one of 3 Professional education core courses (3 hours)

4th semester (Fall): 6 hours
- CSED 6113 Principles of Software Engineering (3 hours)
- CSED 6713 Principles of Analysis of Algorithms (3 hours)

5th semester (Spring): 6 hours
- CSED 6723 Principles of Automata Theory (3 hours)
- CS elective (3 hours)

6th semester (Summer): 3 hours
- one of 3 Professional education core courses (3 hours)

Three-year study plan:

1st semester (Fall): 3 hours
- CSED 5043 Principles of Computer Programming (3 credit hours, but 6 contact hours)

2nd semester (Spring): 3 hours
- CSED 5231 Principles of Operating Systems (1 hour)
- CSED 5241 Principles of Computer Organization (1 hour)
- CSED 5731 Principles of Abstract Structures (1 hour)

3rd semester (Summer): 6 hours
- CS elective (3 hours)
- one of 3 Professional education core courses (3 hours)

4th semester (Fall): 3 hours
- CSED 6713 Principles of Analysis of Algorithms (3 hours)

5th semester (Spring): 3 hours
- CSED 6723 Principles of Automata Theory (3 hours)

6th semester (Summer): 6 hours
- CS elective (3 hours)
- one of 3 Professional education core courses (3 hours)

7th semester (Fall): 3 hours
- CSED 6113 Principles of Software Engineering (3 hours)

8th semester (Spring): 3 hours
- one of 3 Professional education core courses (3 hours)