ARKANSAS STATE UNIVERSITY
COLLEGE OF ENGINEERING AND COMPUTER SCIENCE

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

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): 3 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)

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