

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

NAME: _____
STUDENT ID: _____

	SUBSTITUTION OR TRANSFER	GRADE
COURSE NO.		

CORE REQUIREMENTS: 9-27 hours

Compilers or Automata Theory (one of next two)

CS 5133: Compilers	_____	_____
CS 5723: Automata Theory	_____	_____

Computer Systems (one of next four)

CS 5313: Computer Networks	_____	_____
CS 6213: Parallel Processing	_____	_____
CS 6823: Distributed Systems	_____	_____
CS 6823: High Performance Computing	_____	_____

Algorithms (one of next two)

CS 5713: Analysis of Algorithms	_____	_____
CS 6713: Advanced Analysis of Algorithms	_____	_____

ELECTIVES : 6-24 hours (Total 33 hrs including core courses)

Selections may include up to 9 hrs. MATH/STAT, w/ prior approval.

CS 5113: Software Engineering	_____	_____
CS 5223: UNIX Systems Programming	_____	_____
CS 5413: Computer Graphics I	_____	_____
CS 5423: Computer Graphics II	_____	_____
CS 5433: Artificial Intelligence	_____	_____
CS 5543: Database Systems	_____	_____
CS 583V: Internship	_____	_____
CS 5913: Mobile Application Development	_____	_____
CS 6313: Data Security	_____	_____
CS 6413: Solid Modeling	_____	_____
CS 6423: Robotic Software Control	_____	_____
CS 6723: Computability Theory	_____	_____
CS 6813: Seminar in Computer Science	_____	_____
CS 6823: ST - Adv Computer Architecture	_____	_____
CS 6823: ST - Bioinformatics	_____	_____
CS 6823: ST - Computer & Network Security	_____	_____
CS 6823: ST - Datamining	_____	_____
CS 6823: ST - Cloud Security	_____	_____
CS 6823: ST - Operating System Design	_____	_____
CS 6823: ST - DB System Implementation	_____	_____
CS 6823: ST - Image Processing	_____	_____
CS 6823: ST - Machine Learning	_____	_____
CS 688V: Independent Study	_____	_____
CS 689V: Thesis	_____	_____

Note:

A minimum of thirty-three hours are required for this degree, eighteen of which must be 6000 level coursework.

Adviser Date

Chair of Computer Science Date

DEGREE AND MAJOR: M. S., COMPUTER SCIENCE

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

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UNDERGRADUATE DEFICIENCIES

Required deficiencies bring M. S. candidate to level of B. S. degree graduate.

No 6000-level courses for credit until all deficiencies circled below have been completed.

Computer Science:

three of next three		
CS 2114: Structured Programming	_____	_____
CS 2124: OOP & Fund Data Structures	_____	_____
CS 3113: Algorithms & Adv Data Structures	_____	_____
or three of next three		
CS 5012: Acc Structured Programming	_____	_____
CS 5022: Acc OOP & Fund Data Structures	_____	_____
CS 5032: Acc Algorithms & Adv Data Struct	_____	_____
and		
CS 3223: Computer Organization	_____	_____
CS 3233: Operating Systems	_____	_____

Mathematics and Statistics:

MATH 2183: Discrete Structures	_____	_____
MATH 2204: Calculus I	_____	_____
MATH 2214: Calculus II	_____	_____
STAT 3233: Applied Statistics I	_____	_____

GRADUATION CHECK LIST

Undergraduate deficiencies	_____
18 hours of 6000 level coursework	_____
33 hours for degree	_____
3.00 average overall	_____
3.00 average in major	_____
Comprehensive exam	_____

Current Enrollment:

1	_____
2	_____
3	_____
4	_____
5	_____
6	_____

The above named student has met all requirements for graduation providing he/she satisfactorily completes the courses of current enrollment.

Dean of Graduate School Date