ARKANSAS STATE UNIVERSITY
COLLEGE OF SCIENCES AND MATHEMATICS

DEGREE AND MAJOR: **M. S., COMPUTER SCIENCE**

NAME: _____
STUDENT ID: _____

CATALOG YEAR: **2014 - 2015**
revised: **12/05/14**

	SUBSTITUTION OR TRANSFER COURSE NO.	GRADE
CORE REQUIREMENTS: 9-21 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 one)		
CS 5713: Analysis of Algorithms		
ELECTIVES : 12-24 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 6313: Data Security		
CS 6413: Solid Modeling		
CS 6423: Robotic Software Control		
CS 6713: Advanced Analysis of Algorithms		
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 - 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.

	SUBSTITUTION OR TRANSFER COURSE NO.	GRADE
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	
3.00 average overall	
3.00 average in major	
33 hours for degree	
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.

Adviser Date

Chair of Computer Science Date

Dean of Graduate School Date