UNIVERSITY CURRICULUM COMMITTEE MINUTES

Date: 3/7/2024
Minutes Approved by: _____ **Date Approved:** _____
Provost & VPAA

TO: **Dr. Mark Arant**
Provost & Vice President for Academic Affairs

FROM: **Dr. Lon Smith**
Chair, University Curriculum Committee **Signature**

FACULTY MEMBERS PRESENT: Ms. Jordan Anderson, Dr. Shannon Banks, Dr. James Boldin, Dr. Yolanda Dupre, Dr. Blake Farman, Dr. Chris Michaelides, Dr. Zach Moore, Dr. Jon Lance Nickelson, Dr. Elizabeth Oldfather, Dr. Jack Palmer, Dr. Arturo Rodriguez, Mr. Clyde Smith, Dr. Lon Smith, Dr. Kenna Veronee, Dr. Janis Weber, Dr. Amy Weems, Dr. Jennifer Whited
FACULTY MEMBERS ABSENT:
FACULTY MEMBERS EXCUSED:
EX-OFFICIO MEMBERS PRESENT: Ms. Deborah Beaver, Mr. Charles Hughes, Ms. Joanna Hunter, Ms. Katie Smith, Ms. Sara Webb
EX-OFFICIO MEMBERS ABSENT:
EX-OFFICIO MEMBERS EXCUSED:

1. THE HOOVER SCHOOL OF ACCOUNTING, FINANCIAL AND INFORMATION SERVICES requests:

Presenter:	L. Smith
Action:	Create new course CSCI 5040 - Internet Systems Management
Course Description:	

CSCI 5040 - Internet Systems Management

3 cr.

This course teaches the art and science of providing an Internet presence. It will cover several types of Internet services, concentrating on the World Wide Web. The course will cover support issues related to providing more advanced WWW services, including user support, security, operations, staffing, and purchasing.

Credit Hours:	3
Current Level:	G
Activity Type:	LEC
Maximum Hours to Be Earned:	3
Cross-Listed:	N/A
Change Effective:	Summer 2024
First Term Offered:	Fall 2024
Last Term Offered:	
Offered Fixed/Variable:	Fixed

Variable Range:	
Abbreviated Course Title:	INTERNET SYS MGMT
UCC Decision:	**APPROVED**
Notes:	

2. THE HOOVER SCHOOL OF ACCOUNTING, FINANCIAL AND INFORMATION SERVICES requests:

Presenter:	L. Smith
Action:	Create new course CSCI 5062 - Data Communications

Course Description:

CSCI 5062 - Data Communications

3 cr.

Technical aspects of data communications. ISO Open Systems Interconnect Model. TCP/IP protocol suite. Internetworking and routing.

Credit Hours:	3
Current Level:	G
Activity Type:	LEC
Maximum Hours to Be Earned:	3
Cross-Listed:	N/A
Change Effective:	Summer 2024
First Term Offered:	Fall 2024
Last Term Offered:	
Offered Fixed/Variable:	Fixed
Variable Range:	
Abbreviated Course Title:	DATA COM
UCC Decision:	**APPROVED**
Notes:	

3. THE HOOVER SCHOOL OF ACCOUNTING, FINANCIAL AND INFORMATION SERVICES requests:

Presenter:	L. Smith
Action:	Create new course CSCI 5083 - Artificial Intelligence

Course Description:

CSCI 5083 - Artificial Intelligence

3 cr.

Study of the computer in context with human thought processes. Heuristic programming; search strategies; knowledge representation; perception; learning; natural language understanding; user interfaces; intelligent systems.	

Credit Hours:	3
Current Level:	G
Activity Type:	LEC
Maximum Hours to Be Earned:	3
Cross-Listed:	N/A
Change Effective:	Summer 2024
First Term Offered:	Fall 2024
Last Term Offered:	
Offered Fixed/Variable:	Fixed
Variable Range:	
Abbreviated Course Title:	ARTIFICIAL INTL
UCC Decision:	**APPROVED**
Notes:	

4. THE HOOVER SCHOOL OF ACCOUNTING, FINANCIAL AND INFORMATION SERVICES requests:

Presenter:	L. Smith
Action:	Change the course number for Machine Learning from CSCI 5083 to CSCI 5093
Credit Hours:	
Current Level:	G
Activity Type:	
Maximum Hours to Be Earned:	
Cross-Listed:	
Change Effective:	Summer 2024
First Term Offered:	Fall 2024
Last Term Offered:	
Offered Fixed/Variable:	
Variable Range:	
Abbreviated Course Title:	
UCC Decision:	**APPROVED**
Notes:	Machine learning was a new course proposed in December 2023 the number clashed with Artificial Intelligence so the number had to be moved.

5. THE HOOVER SCHOOL OF ACCOUNTING, FINANCIAL AND INFORMATION SERVICES requests:

Presenter:	L. Smith

Action:	Change Degree requirements for Computer Science. MS

Proposed Degree Requirements

Computer Science, MS

Software Development

Face-to-Face MS Program

All graduate classes required in ULM's face-to-face, on-campus MS program are offered at least once a year at night to accommodate working professionals. Students attending ULM as a full-time graduate student generally complete the program in 1 ½ years contingent on the completion of required background courses prior to entry into the program. Part-time students take courses as based on one's capabilities in completing the degree.

Admission Requirements

The following are used to determine a student's eligibility for admission, regular or conditional, for the Master of Science in Software Development.

REGULAR ADMISSION STATUS

In addition to the University requirements for admission to the Graduate School, an applicant for admission to the Master of Science in Software Development degree program must have a minimum cumulative grade point average of 3.0 in a Bachelors in Computer Science or related degree.

CONDITIONAL ADMISSION STATUS

Applicants must meet one of the following minimum requirements to *be conditionally admitted:*

An applicant who fails to meet the above standards may be admitted on conditional admission status as recommended by the Graduate Coordinator of the Master of Science in Software Development Program in concert with the Dean of the Graduate School.

International students must still submit a satisfactory score on the Test of English as a Foreign Language (TOEFL) examination.

Program Requirements

Background Course Requirements

A prospective student must show course work equivalent to ULM courses: CSCI 2073 (Data Structures), CSCI 2098 (Ethical and Professional Issues in Computing), CSCI 3005 (Analysis of Algorithms), CSCI 3010 (Organization of Programming Language), CSCI 3020 (Object-Oriented Design and Programming), CSCI 4011 (Operating Systems), CSCI 4012 (Computer Architecture), CSCI 4055 (Theory of Data Base Management Systems), CSCI 4060 (Principles of Software Engineering), and CSCI 4062 (Data Communications).

Degree Requirements for All Students:

Core Courses
- CSCI 5040 – Internet Systems Management *(New course)*
- CSCI 5083 – Artificial Intelligence *(New course)*
- CSCI 5010 – Fundamentals of Software Development *(Existing course)*
- CSCI 5011 – Software Methodology *(Existing course)*
- CSCI 5012 – Advanced Software Engineering *(New course)*
- CSCI 5015 – Software Quality, Testing, and Security *(New course)*
- CSCI 5091 – Software Development Capstone Project *(New course)*

Elective Courses (Select three courses)
- CSCI 5062 - Data Communications *(New course)*
- CSCI 5020 – Statistical Methods for the Experimenter *(Existing course)*
- CSCI 5023 – Data Science *(New course)*
- CSCI 5055 – Advanced Database Design and Applications *(New course)*
- CSCI 5063 – Data Mining *(New course)*
- CSCI 5073 - Cloud Software Development *(New course)*
- CSCI 5093 - Machine Learning *(New course)*

Credit Hours:	
Current Level:	G
Activity Type:	
Maximum Hours to Be Earned:	
Cross-Listed:	
Change Effective:	Summer 2024
First Term Offered:	
Last Term Offered:	
Offered Fixed/Variable:	
Variable Range:	
Abbreviated Course	

Title:	
UCC Decision:	**APPROVED**
Notes:	Program was proposed in December 2023 and administrative changes were required the most significant being the replacement of 4000 level classes with 5000 level.