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Master of Science in Computer Science

Catalog Year: 2017 Total Degree Credit hours: 36 For students who are interested in this program but do not have the required prerequisite knowledge, completion of the Graduate Certificate in Computer Science Foundations is required prior to admission to the MSCS program.

Computer Science Foundation Courses (15 Credit Hours)

Prerequisites

Cs s000 Foundations of Programming

- 3

LCS 5020 Computer Architectures and Operating Systems

- 3

CS 5040 Data Structures and Algorithms CS 5000 recommended 3
CS 5060 Databases: Design and Applications

- 3

CS 5070 Mathematical Structures for Computer Science Undergraduate Calculus course 3

Core Courses (12 Credit Hours)

L021 CS Advanced Computer Architecture cs 5020 3

Media, Graphics and HCI Track
Prerequisites
CS 7327 Computer Graphics and Multimedia CS 5040 3
Cs 7367 Digital Image Processing and Analysis CS 5040 3

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Cs 7375 Artificial Intelligence and Robotics CS 6020