MASTER OF SCIENCE DEGREE IN COMPUTER SCIENCE & TECHNOLOGY

School of Arts and Sciences
Department of Mathematics and Computer Science
University of Arkansas at Pine Bluff

Graduate Core Curriculum:

GCST 5320 Project Management & Managing Operations 3 Credits (3 hrs. Lecture)

GAQF 5300 Research Methods and Scientific Writing 3 Credits (2 hrs. Lecture, 1 hr. Lab)

GCST 5344 Networking & Security 3 Credits (3 hrs. Lecture)

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Guided Graduate Electives: Computer Science

GCST 5331 Software Engineering 3 Credits (2 hrs. Lecture, 1 hrs. Lab)

GCST 5345 Programming Concepts 3 Credits (2 hrs. Lecture, 1 hr. Lab)

GCST 5394 Advanced Database Systems 3 Credits (2 hrs. Lecture, 1 hr. Lab)

GCST 5389 Distributed Systems 3 Credits (3 hrs. Lecture)

GCST 5356 Intelligence Systems 3 Credits (2 hrs. Lecture, 1 hr. Lab)

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Guided Graduate Electives: Industrial Technology

GCST 5307 Quality Control & Six Sigma 3 Credits (2 hrs. Lecture, 1 hr. Lab)

GCST 5316 Logistics & Supply Chain Mgmt 3 Credits (2 hrs. Lecture, 1 hr. Lab)

GCST 5302 Advanced AutoCAD Design 3 Credits (2 hrs. Lecture, 1 hr. Lab)

GCST 5322 Advanced Robotics 3 Credits (2 hrs. Lecture, 1 hr.. Lab)

GCST 5356 Intelligence Systems 3 Credits (2 hrs. Lecture, 1 hr. Lab)

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Open Graduate Electives: Computer Science & Industrial Technology

GSPS 5346 Bioinformatics 3 Credits (3 hrs. Lecture)

GCHM 5331 Higher Order Thinking in Science 3 Credits (3 hrs. Lecture)

GCST 5300 Technology Internship 3 Credits (3 hrs. Lab)

GMTH 5345 Probability and Statistics 3 Credits (3 hrs. Lecture)

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Graduate Thesis or Graduate Project

GCST 6V00 Thesis

GCST 6V01 Project