A&M-Commerce Announces New Graduate Degree
By: Kim Williams

Commerce, Texas (Aug. 13, 2012)—Texas A&M University-Commerce has approved a new graduate degree. The Master of Science in Computational Science is planned to begin spring 2013.

Computational Science is a new exciting field that is interdisciplinary in approach with applications in the science and engineering fields as well as other disciplines where sophisticated computation is necessary.

“The master’s degree program in computational science involves various subject areas including computer science, biology, mathematics, and physics,” said Dr. Sang Suh, department head for computer science. “This program deals with complex real world problems whose solution cannot be found through single discipline approach, but only through multidisciplinary approach to be tackled.”

A unique aspect of this program compared to conventional degree in computer science is that extensive internship training is required as a part of degree requirement. The computer science department is the hosting department for this program and will collaborate with supporting departments to offer various required and elective courses in the related disciplines.

“The approval of this new program is a very exciting and meaningful step for our university in that it opens up a whole new approach for the expansion of interdisciplinary research for our students and faculty as well as a whole new set of career options for our program graduates,” said Dr. Larry F. Lemanski, provost and vice president for academic affairs. “The program includes a blended combination of coursework and practical highly scientific real-world problem solving applications through a thesis laboratory research experience or an internship practicum.”

This scientific focus identifies and solves complex problems through computer applications of mathematical modeling and quantitative analyses, unlike the field of computer science per se which concentrates on a study of computers, computation and data processing.

“This degree program will produce highly qualified professionals with increased marketability and competitiveness in current and future information-based job markets,”
Lemanski said. “I am excited that we have achieved success in gaining final approval to begin offering this exciting new program to better serve our students and to better serve an important need for our region, state and nation.”

For more information, please contact the computer science department at 903-886-5409.

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**About Texas A&M University-Commerce:** Founded in 1889, Texas A&M University-Commerce is a member of The Texas A&M University System. Located in Northeast Texas, A&M-Commerce is home to more than 11,000 students, four academic colleges, a thriving graduate school, and more than 100 degree programs. As the region’s focal point of higher education, A&M-Commerce offers students facilities ranging from a world-class science building and new student center, to a fully equipped recreational facility and recently completed music hall. The university also has convenient facilities in Corsicana, Midlothian, McKinney, Mesquite, Rockwall and downtown Dallas.

**About The Texas A&M University System:** The A&M System is one of the largest systems of higher education in the nation, with a budget of $3.3 billion. Through a statewide network of 11 universities, seven state agencies and a comprehensive health science center, the A&M System educates more than 120,000 students and makes more than 22 million additional educational contacts through service and outreach programs each year. Externally funded research expenditures exceed $730 million and help drive the state’s economy.