Emphasis - Computer Science

- M.S. in Engineering Science
- Emphasis - Computer Science

M.S. in Engineering Science

Description

The M.S. in engineering science is offered in a number of emphasis areas: aeroacoustics, chemical engineering, civil engineering, computational hydroscience, computer science, electrical engineering, electromagnetics, environmental engineering, geology, geological engineering, hydrology, mechanical engineering, material science and engineering, and telecommunications.

Minimum Total Credit Hours: 30

Course Requirements

A student must complete the requirements for an emphasis area. For most emphasis areas, the degree may be completed as a:

- Thesis option (30-hour program, to include 6 hours of thesis),
- Nonthesis option (30- hour program, to include a minimum of 3 hours of a design-oriented project course), or
- Coursework option (30-hour program, to include a final oral examination in front of a committee, but no written report)

Emphasis - Computer Science

Description

A M.S. in engineering science with emphasis in computer science prepares a student with advanced technical knowledge and communication skills for pursuing a career in industry, engineering research and development, public service, or for doctoral work.

Course Requirements

The M.S. with emphasis in computer science requires that a student satisfy the departmental distribution requirement by selecting courses in the areas of Applications, Systems, and Theory (two courses from one area and at least one course from each of the other two areas). Lists of the currently available courses falling into these three distribution areas are available from the Department of Computer Science. Also required are a minimum of 9 semester hours from computer science courses at the 600 level.

Students may choose to complete the degree with either a thesis or nonthesis option. For the thesis option, no more than 6 credit hours may be earned from thesis hours (Engr 697). For the nonthesis option, 3 semester hours must be earned from an independent study research project (Engr 693); the student must complete a written project paper and pass an oral examination on the work in the project area.

Other Academic Requirements

For either option, a candidate must pass a final oral examination

The University of Mississippi is accredited by the Southern Association of Colleges and Schools Commission on Colleges to award certificates and baccalaureate, master's, specialist, and doctoral degrees. Contact the Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097, call 404-679-4500, or visit online at www.sacscoc.org for questions about the accreditation.