Emphasis - Physical Acoustics

- M.S. in Physics
- Emphasis - Physical Acoustics

M.S. in Physics

Description

Graduate work in physics is planned primarily to meet the needs of students who are looking forward to professional careers in physics, either as teachers or as research physicists. The M.S. degree requires a thesis project based on original research.

Minimum Total Credit Hours: 30

Course Requirements

The M.S. in physics requires 24 hours of suitable graduate coursework and 6 hours of thesis (Phys 697). At least 12 hours of the graduate coursework must consist of physics courses numbered 600 level or higher. At least two courses must be taken from the list of core and breadth courses used for the doctoral degree.

Other Academic Requirements

All students must teach laboratory or lecture sections for at least two semesters as part of their graduate training. Students who are present on campus during a regular semester are required to enroll in Phys 510 (Physics and Astronomy Colloquium).

Emphasis - Physical Acoustics

Description

For the M.S. with emphasis in physical acoustics, all of the above requirements apply as well as the following requirements. Students must take Phys 511 (Acoustics Seminar), Phys 521 (Acoustics), Phys 532 (Advanced Acoustics Laboratory), Phys 605 (Advanced Acoustics) and Phys 709 (Mechanics I). Students must also take at least two courses from the following group: Phys 525 (Ultrasonics), Phys 637 (Fluid Dynamics), Phys 710 (Mechanics II) and Phys 725 (Solid State Physics I).

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.