

**STATE UNIVERSITY SYSTEM OF FLORIDA
BOARD OF GOVERNORS**

November 10, 2022

SUBJECT: Ph.D. in Materials Science and Engineering, CIP 40.1001, Florida
Agricultural and Mechanical Engineering University

PROPOSED BOARD ACTION

Consider approval of the Ph.D. in Materials Science and Engineering, CIP 40.1001, at Florida Agricultural and Mechanical University.

AUTHORITY FOR BOARD OF GOVERNORS ACTION

Article IX, Section 7, Florida Constitution; Board of Governors Regulation 8.011

BACKGROUND INFORMATION

Florida Agricultural and Mechanical University (FAMU) is proposing a Ph.D. in Material Sciences and Engineering as a joint degree offering with Florida State University (FSU). The proposed program is a Program of Strategic Emphasis in STEM and will be administered by the FAMU-FSU College of Engineering. This program offered by the joint college is the only one in the System under CIP 40.1001. The System has three other material science and engineering doctoral programs in CIP 14.1801. The program will prepare graduates to apply their understanding of advanced materials to create and solve problems with new technology, such as batteries that power electronic devices, solar cells for green energy, and advanced composites in the latest generation of commercial aircraft. Possible occupations for graduates of the program include materials engineers or scientists, architectural and engineering managers, and postsecondary faculty.

The university will charge the currently approved graduate tuition rate of \$405.67 per credit hour for resident students and \$1,022.04 per credit hour for nonresident students. The university does not intend to operate this program through continuing education on a cost-recovery basis, seek approval for market-rate tuition, or establish differentiated graduate-level tuition.

The Florida Mechanical and Agricultural University's Board of Trustees approved the program on June 2, 2022. If approved by the Academic and Student Affairs Committee and Board of Governors, the university will implement the program effective in fall 2023.

Supporting Documentation Included:

In Academic and Student Affairs
Committee Materials