

Materials Certificate Program

in the

Department of Materials Science & Engineering

The certificate program is designed for those engineers and scientists who are currently working full-time in industry or government. It is designed to provide the academic background to understand the design, selection, properties and processing of materials. This certificate is offered by the Department of Materials Science and Engineering.

REQUIREMENTS FOR THE MATERIALS CERTIFICATE

1. Any student with a bachelors degree in engineering from an ABET accredited college is eligible. Other requests will be addressed on a case-by-case basis.
2. The student has to complete at least 15 hours of materials related courses which are selected to complement their degree program. The curriculum consists of two core courses: EMA 6316 Advanced Materials Principles I and EMA 6938 Advanced Materials Principles II; and 3 electives chosen from the MSE courses available via distance learning [<http://www.ufedge.ufl.edu>].
3. The courses are to be selected with an advisor/mentor from the Materials Science and Engineering (MSE) Department and have to be approved by the advisor/mentor and the MSE Department. All pre-requisites for the courses must be satisfied.
4. The student must earn at least a B or better in each of the certificate courses to be awarded a certificate.
5. Students who are not registered at the University of Florida as full time students will have to register as special status in order to take the necessary courses. Please contact the Academic Services Office of the MSE Department for more details.

CORE REQUIREMENTS

EMA 6316 Advanced Materials Principles I and EMA 6114 Advanced Materials Principles II

OTHER REQUIREMENTS

The student with the advisor/mentor will design an individualized program. Nine (9) additional semester hours are required from courses listed in the UF catalogue and taught via EDGE [<http://www.ufedge.ufl.edu>].

