



Dental Biomaterials Gainesville

Program Director

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Program Description

The Department of Dental Biomaterials, in conjunction with the Department of Materials Science and Engineering of the College of Engineering, offers a graduate program leading to either an M.S. or a Ph.D. in materials science and engineering with specialization in dental biomaterials.

Most of the course work is taken through the Department of Materials Science and Engineering. Thesis and dissertation research is conducted within either department.

Areas of research emphasis within dental materials include failure analysis and design of ceramic based restorations, thermocompatibility assessment of metal-ceramic systems, color analysis of dental ceramics, controlled release of therapeutic agents in dentistry, wear analysis of resin based composites, dental composite material and dentin bonding agent, and surface properties of dental materials.

Graduates of this program will develop expertise in the design and performance of independent research and will receive some experience in the preparation of research grant applications. Graduate students will also receive limited training in the preparation and presentation of lecture materials to prepare them for academic career opportunities in the field of dentistry.

To receive an application or additional program information, **write to:**

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