

# MASTER OF BIOMEDICAL INNOVATION AND DEVELOPMENT

MBID (Biomedical Innovation & Development) Master's program at Georgia Tech, Atlanta, GA, provides the specialized training, exposure and skill sets required for the rigors of product development of high quality medical devices and for training potential future leaders of the medical device industry to promote innovation, entrepreneurship, commercialization and creation of medical device based economies across global settings. The program, since inception in 2013, has grown to be a signature Professional Master's program at Georgia Tech and gained recognition nationally (in USA) across both academia and industry.

The program brings together students from a diverse array of educational and professional backgrounds (e.g., engineering, sciences, medicine, nursing, etc.) to learn and work in multi-disciplinary teams on clinically relevant needs for new techniques and products for the medical industry. The faculty, composed of medical device industry leaders, practicing clinicians and GT management professors, have created an industry relevant, real world based multi-disciplinary curriculum and teaching approach to educate graduate students from diverse backgrounds. A total of 176 students have graduated from this program to date (2013-20). The program accepts applicants only for Fall semester.

The program graduates have been successfully placed in various roles within the medical device industry functions (such as R&D, Quality, Manufacturing, Marketing, Regulatory, Clinical, Business Development, Project Management, etc.). Graduates have been employed by start-ups as well as device industry leaders such as Medtronic, J&J, Abbott, Intuitive Surgical, Cook Medical, Boston Scientific and Stryker in USA and abroad. A three minute video clipping giving overview of program objectives: <http://mbid.bme.gatech.edu/content/video-overview>

Further details on the program can be found on the program web site at: <http://mbid.bme.gatech.edu/>

For further information, please contact the MBID Program Director: Prof. Sathya Gourisankar, [sathya@bme.gatech.edu](mailto:sathya@bme.gatech.edu), Tel: 4043851230.

Code	Title	Credit Hours
BMED 6501	Fundamentals of Biomedical Innovation and Development Processes	3
BMED 6502	BioID Clinical Literacy and Experience	3
BMED 6503	Medical Markets and Clinical Specialties	3
BMED 6504	Financial Planning for Development Projects	3
BMED 6505	Product Planning and Project Management	3
BMED 6506	Professional Communications for Biomedical Innovation and Development	3
BMED 6507	Medical Device Regulatory Requirements	3
BMED 6508	BioID Team Masters Project I	3
BMED 6509	BioID Masters Project II	6
Graduate Electives <sup>1</sup>		6
<b>Total Credit Hours</b>		<b>36</b>

<sup>1</sup> Graduate electives must be taken during Spring semester due to timing of other program requirements. Electives may be any 6000-level or higher courses.