

MIDM

*Maestría en Ingeniería
en Dispositivos Médicos*

MASTER PROGRAM IN MEDICAL DEVICES ENGINEERING IN COSTA RICA
SCHOOL OF MATERIALS SCIENCE AND ENGINEERING
COSTA RICA INSTITUTE OF TECHNOLOGY (TEC)

Our Program

Application Process for the Master Program in Medical Device Engineering (Class 2018)

We are very happy to announce the opening of the application process for admission to the 4th generation that will start class on January 2018. Application deadline is October 31st. The online form is available at:

FOR MORE INFORMATION

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Application form



Or refer to the QR Code below.

As we are looking forward into the 4th generation, changes to the program are being made to accommodate local industry requirements. Among them, an increase in the number of hours dedicated to understanding Regulation in the Medical Device Industry and how it applies to every aspect of the manufacturing process. A course on Anatomy and Physiology was added and the course of CAD CAM CAE has been restructured to accommodate practical laboratories that will be held at TEC installations. We have built up on our previous experience with RICE University students, to develop need finding activities at local hospitals to find topics for the graduation projects.

Our program includes courses on Regulation, Packaging and Sterilization, Design of Experiments, Metals and Polymer Processing, CAD-CAM-CAE, Prototype Design, Macro environment, Failure Analysis and Materials Characterization Techniques. There are two elective courses that students can take with the program from the topics of: Anatomy and Physiology, Advanced Simulation, Biocompatibility, Innovation and Plasma Applications.

For more information on the program visit our page at:

<https://www.tec.ac.cr/programas-academicos/maestria-ingenieria-dispositivos-medicos>

The link to the application form can also be found in the program website