



Medical Device Innovation Course

The BioInnovation medical device innovation training programme consists of two 10 week modules focussed on the entire Identify, Invent and Implement medical device development process. The programme is modelled on the Stanford University Biodesign programme where multi-disciplinary teams work together in identifying clinical needs, brainstorming solutions, concept creation and business planning for new medical devices. The programme consists of two modules:

BioInnovation I: November 9th 2011 – February 1st 2012 *(10 or 15 ECTS)*

This course encompasses the entire process from identifying clinical needs, validating needs, brainstorming, and concept creation for new medical devices.

BioInnovation II: February 22nd 2012 – May 2nd 2012 *(10 or 15 ECTS)*

This course focuses on concept selection, development of an intellectual property strategy, evaluation of regulatory & reimbursement strategy, financing, and operational planning.

These modules will be delivered jointly by the faculty of NUI, Galway, University of Limerick, Royal College of Surgeons Ireland, Dublin City University and University College Cork and will harness the academic, clinical and industry expertise within the Irish medical device technology sector. Modules will be delivered following a blended learning model which consists of three primary components:

- Online materials and guided reading;
- Weekly workshops with associated activities and discussion;
- Individual and team research on the specific need.

Successful candidates will join multidisciplinary teams from a variety of disciplines.

Applications are now invited from Masters / PhD candidates in the disciplines of:

- Science
- Engineering / Technology / Informatics
- Medicine, Nursing & Health Sciences
- Business, Economics, Law
- Other related disciplines

Please contact Siobhan.cunningham@nuigalway.ie for an application form.

Closing date for completed applications *is September 30th at 5pm.*