



OILSCOIL NA
GAILLIMHE
UNIVERSITY
OF GALWAY

Coláiste na hEolaíochta
& na hInnealtóireachta
College of Science
& Engineering

Structured MSc

Astronomical Instrumentation and Technology

MSC-AIT

University
ofGalway.ie

Structured MSc Astronomical Instrumentation and Technology

MSC-AIT

Why choose this course?

This masters will provide students with an in-depth understanding of the technology used in modern astronomical observatories. As such graduates of the proposed MSc programme will in demand by national and international technological industries as well as by research institutes, observatories and University research groups.

The combination of advanced modules and a research project leading to a thesis will also effectively bridge the gap between undergraduate study and a PhD.

Course Overview

This masters programme will provide students with an indepth understanding of the technology used in modern astronomical observatories through taught courses and a research project. It will prepare students to effectively carry out PhDs in either the development of new astronomical instrumentation or in the use of data and images from these facilities.

The 12-month programme will have a research project (60 ECTS) and taught components (30 ECTS). The taught component will consist of core modules specifically related to astronomical instrumentation.

Career Opportunities

A combination of core modules on astronomical instrumentation, as well as transferable skills and specific engineering modules in technologies such as computing, electronics and control will also enhance the employability of graduates of this Structured MSc.

Duration

1 year, full-time

Average Intake

12



Find out more
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