



NUI Galway
OÉ Gaillimh



UNIVERSITY OF
NOTRE DAME



Research Experience at NUI Galway

www.nuigalway.ie



Established in 1845, National University of Ireland Galway (NUI Galway) is one of Ireland's most popular study abroad destinations for students from North America and beyond.

NUI Galway - Key Facts:

Location: Galway, Ireland
Student Body: 18,000 students

International Students: 3,000 or 20% of the student body, from 115 countries

Disciplines: Arts, Humanities, Social Sciences, Business, Law, Engineering, IT, Medicine, Nursing and Science

NUI Galway is a world renowned research led University. The research environment here is strongly interdisciplinary, built on our particular areas of expertise. NUI Galway has a global reputation in a number of key unique disciplines:

- Biomedical Science and Engineering
- Informatics, Physical and Computational Sciences
- Human Rights, Applied Social Sciences and Public Policy
- Energy, Environmental and Marine Science
- Humanities in Context

Our Global Reputation

In the past five years, NUI Galway has been the only university in Ireland to rise consistently in the world's most competitive university rankings.

According to QS World University Rankings, NUI Galway is among the top 1% of universities in the world.

We have also been named 'University of the Year 2018' in the Sunday Times University Guide.

**TOP 1%
WORLDWIDE**

QS WORLD UNIVERSITY RANKINGS

DID YOU KNOW?

Galway has been designated **European Capital of Culture for 2020** so we can expect world-class festivals and world-renowned artists to be calling Galway home!





Get Research Experience at NUI Galway

Scientific research module

NUI Galway is a research-led university with internationally recognised impact and innovation in the areas of biomedical science and biomedical engineering. Research spans a variety of institutes and centres in areas including cancer research, medical devices, functional biomaterials, regenerative medicine, neuroscience and molecular cell biology. The research environment at NUI Galway offers students a unique practical laboratory experience within a vibrant research and innovation ecosystem.

Module Description

Students undertake a range of hands-on tasks under the guidance of a faculty mentor and professional researchers to gain expertise in laboratory and analytical techniques using contemporary technologies. Students also critically read relevant literature, discuss concepts and results with mentors, and prepare a formal report detailing their research experience.

Course Components

- At least 8 hours of laboratory work per week
- Regular meetings with faculty mentor
- Health and safety training
- Short introductory background paper with referencing, based on assigned readings
- Formal research report paper describing and interpreting laboratory findings

Learning Outcomes

At the completion of the Scientific Research Experience module, students will be able to:

- Exhibit an in-depth knowledge of basic and applied research in their assigned research area
- Demonstrate awareness of common techniques and technologies in the research area
- Develop expertise in a range of methods through hands-on experience in a laboratory setting
- Follow health and safety standards required for laboratory research
- Identify, read and critique research in scientific literature
- Communicate scientific concepts and findings in an appropriate written format and style

Assessment

Students will receive a grade based on the completion of required laboratory hours, quality of discussions about concepts and results with mentors, and assessment of a final report describing their research experience.

How to Apply

Apply via your Notre Dame advisor.

Entry Requirements

A limited number of research experiences are available each semester. Assignment of students to labs will be based on an appropriate background and level of achievement.

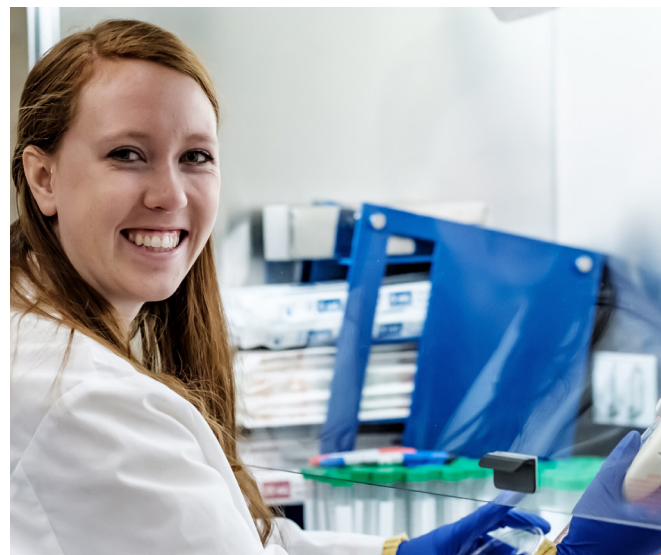
Credits

3 Notre Dame credits awarded.

Module Course Codes

BO3102: Scientific Research Experience (Semester 1)

BO3103: Scientific Research Experience (Semester 2)



University of Notre Dame visiting student, Jenna Koenig, at work in the lab at NUI Galway.



The Student Experience

At NUI Galway we pride ourselves on offering a welcoming and supportive environment to help you make the most of your study abroad experience. We also offer you an unrivalled selection of cultural, sporting and social activities to enjoy while studying here to help you integrate and develop personal and social skills that will benefit you throughout your life.

We currently have over 150 sports clubs and student societies at NUI Galway. Through clubs and societies you can meet new people,

build friendships and improve your talents. Whatever your interests, NUI Galway is sure to have a club or society for you.

NUI Galway also has an excellent reputation for the provision of care and support services to international students. The International Affairs Office in particular provides a comprehensive advisory, information and support service for students and organises various social and cultural events to help new students adjust and integrate into the life of the University.

Galway... Ireland's Cultural Heart

The unique student experience at NUI Galway owes much to our location in the beautiful west of Ireland. The University campus is a 10 minute walk from the heart of the medieval city of Galway, a true 'college town' full of students, writers, artists and musicians.

Young, vibrant and cosmopolitan, Galway is widely regarded as the cultural capital of Ireland and has been named as the European Capital of Culture 2020. The youthful and cultural energy of Galway is reflected in the many internationally renowned festivals, music sessions, cultural and sporting events hosted in the city each year.

Galway's surrounding hinterland, including Connemara, the Burren and the Aran Islands, is also major attraction for tourists and students alike, who come west to experience the Ireland of rugged countryside, castles, lakes and rivers and to savor the unique atmosphere of Galway's restaurants, cafes and traditional Irish music pubs.



Academic Dates

NUI Galway operates a semester system. Semester One (Fall) begins in September with examinations in December. Semester Two (Spring) begins in January and runs until April, with examinations held in late April/early May. Exact dates can vary from year to year, so please refer to the University website for your particular semester(s).

Student Housing

Visiting students are housed alongside our regular full time students in various student residences.

NUI Galway student residences are self-catering apartments located within a 15-30 minute walk of campus. Apartment units usually include 2-3 bedrooms, shared cooking facilities and living space.

Applications for housing are made separately to the relevant student residence. Please refer to the NUI Galway website at www.nuigalway.ie/accommodation for details.



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