

Dr Roisin Madigan

Senior Lecturer

[School of Biosciences \(/schools/biosciences/index.aspx\)](/schools/biosciences/index.aspx)

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About

Programme Director for Natural Sciences.

Dr Roisin Madigan teaches on a variety of courses in Biosciences and the Medical and Dental School, and has particular interest in problem-based learning.

Qualifications

- BSc Biochemistry at the National University of Ireland
- PhD Biochemistry at the National University of Ireland

Biography

I undertook both my BSc and PhD at University College Dublin of the National University of Ireland where I researched flavin-containing enzymes of clinical interest. I have maintained my interest in the applications of biochemistry in clinical diagnosis along with my original training in the study of proteins.

Teaching

I teach diverse aspects of biochemistry to undergraduates studying for degrees in Biochemistry, Human Biology, Biological Sciences, Medicine, Dentistry and Biomedical / Biomaterial sciences. I deliver lectures, practicals, workshops and clinical case studies in areas that include protein structure and function, physical biochemistry, aberrations of metabolism, and nutrition.

I have particular interest in problem-based learning which I use in several of the modules on which I teach or lead. And I enjoy the interactive nature of teaching, such as in the wide range of practical classes that I run for diverse cohorts of undergraduates.

Postgraduate supervision

For a list of possible PhD projects offered by Dr Madigan:

www.findaphd.com/search/customlink.asp?inst=birm-Biol&supersurname=Madigan (<http://www.findaphd.com/search/customlink.asp?inst=birm-Biol&supersurname=Madigan>)

Other activities

I am the Senior Tutor in Biosciences, and the Senior Welfare Tutor for undergraduates and taught masters students in Biosciences.