

# MSc FORESTRY

## by distance-learning



PRIFYSGOL  
**BANGOR**  
UNIVERSITY



DL students gathered in Fairy Glen ancient woodland after a day of forest surveying.

### COURSE OVERVIEW

This part-time course provides a first-class forestry programme without the need to relocate. It is intended for people who are unable to study full-time, who wish to develop their existing skills and knowledge in forestry, and/or are looking for a career change. Increasing population, climate change and economic development mean that forests provide us with ever increasing essential ecosystem services, thus ensuring sustainable forest management is essential. At the same time, managing forests is becoming increasingly challenging. This course covers a broad range of contemporary topics relevant to forestry and will enable you to gain a broad and comprehensive understanding of forests and the complex nature of their ecosystems, values and products.

*"The course is run in a very interactive way. Feedback and contact between students and teachers, and between students and students, are frequent and very helpful."*

**Thomas Davreux, MSc Forestry DL Graduate**

### COURSE STRUCTURE

Students will take six 20-credit modules plus a 60-credit dissertation over a three-year period in total. Students may register for a Postgraduate Certificate (60 credits) or a Postgraduate Diploma (120 credits).

Modules typically run over 12 weeks in a fixed cycle over two years, with the exception of one or two residential modules. Modules are supported in a variety of ways, for example through live and recorded lectures and seminars, bespoke module booklets, e-books, scientific journal articles and module-specific on-line resources. Interactive online learning helps foster a community spirit amongst all students and staff.

### CAREER PROSPECTS

We have a strong track record of helping our students develop their careers. The part-time nature of the course enables some of our students to gain new employment during their studies whilst many of our graduates have gained relevant new employment, or been promoted within their organisation, across public, private and third sector forestry organisations in the UK and elsewhere. If you are self-motivated, resourceful and enjoy working with people your career prospects are very good.

### PROFESSIONAL ACCREDITATION

This course is accredited by the Institute of Chartered Foresters. See [www.charteredforesters.org](http://www.charteredforesters.org) for more information.



## MODULES

**Silviculture** considers the principles of silviculture, including species selection according to site conditions, artificial and natural regeneration of woodlands and interventions.

**Social Issues in Forest Management** examines how social, cultural, economic and political factors influence the shape and scope of forest management systems.

**Inventory, Assessment and Monitoring** explores ways in which forest resources can be assessed. Topics include mensuration, forest inventory and forest resource assessment and monitoring.

**Sustainable Use of Non-Timber Forest Products (NTFPs)** gives students an understanding of the myriad of products that are derived from forests and the livelihoods they support.

**Forest Ecosystems** presents the occurrence and ecology of different forest types. Emphasis is placed on forest biota and soils, nutrient cycling, hydrology, pollution, climate change and forest health.

**Agroforestry Systems** explores the fascinating interface between forestry and agriculture.

**Forest Management Planning** enables students to learn skills (such as GIS) to help them prepare professional forestry plans. This module includes a residential component.

**Natural Resource Management** gives students a theoretical understanding of the systems approach to managing natural resources such as forests.

**The Forestry Study Tour (Residential)** includes visits to important and interesting field sites usually in England and/or Wales, each year focusing on an issue of contemporary relevance to forestry.

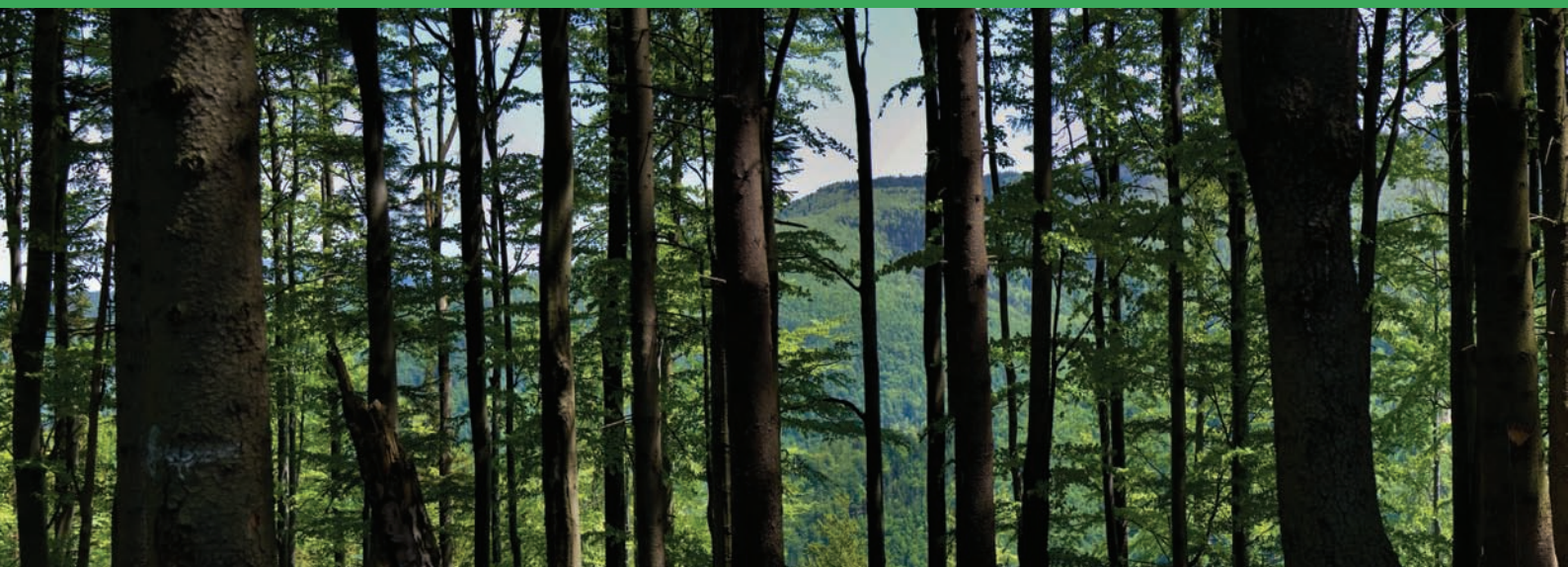
**Forest History, Policy and Management** explores how the needs, values and perceptions of society in relation to forests change over time and the impact that these changes have on our forests.

**Urban Forestry** develops an understanding of the principles and practice of urban forestry around the world.

## DISSERTATION

This is a chance for students to develop their knowledge, expertise and skills in a particular area of interest, whilst working closely with an academic supervisor in Bangor and potentially also with collaborating organisations, if appropriate.

*For further details on module content please see our website below.*



## ENTRY REQUIREMENTS

Applicants should normally have at least a second-class degree in a relevant subject. Applications from mature applicants who have relevant experience are welcomed. We also consider applications from people with other backgrounds wishing to change career or to develop an understanding of forestry and its contribution to society.

## APPLICATION PROCEDURE



Application forms and details of the current fee structure can be obtained online at <http://www.bangor.ac.uk/courses/postgrad/application.php.en>

## FURTHER INFORMATION

Dr James Walmsley  
Course Director  
Tel: +44 (0)1248 382448  
Email: [j.walmsley@bangor.ac.uk](mailto:j.walmsley@bangor.ac.uk)

Cherelle Jarvis  
Course Administrator  
Tel: +44 (0)1248 382351  
Email: [distance@bangor.ac.uk](mailto:distance@bangor.ac.uk)

[www.bangor.ac.uk/natural-sciences/courses/distancelearning/home](http://www.bangor.ac.uk/natural-sciences/courses/distancelearning/home)

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