

Career and Information Day

Botany and Plant Science

Thursday 21st March, National Botanic Gardens, Glasnevin Dublin 9.

Time: 2.00-5.00pm



Are you interested in the greatest challenge on Earth?

By 2050, the UN estimates the world will need 70% more food, 55% more clean water and 60% more energy than today. These challenges will have to be met through the sustainable use of natural resources. The most important question facing the human race must be *how will the world feed our children's children?* the answer is with advances in plant biology and ecology, and using this knowledge in field-based solutions.

Plant science has never been more important. The growing and increasingly prosperous human population needs abundant safe and nutritious food, shelter, clothes, fibre, and renewable energy, and needs to address the problems generated by climate change, while preserving habitats. The key to solving these challenges is **Plant Science**; plants are the source of all the food we eat and the air we breathe.



A qualification in Plant Science opens numerous career possibilities from sustainable development, exploring for new species of plants, environmental monitoring, habitat surveying and conservation, molecular and genetic studies, plant breeding, and even working in a Botanic Garden.

This will be the perfect opportunity for those interested in a university degree, or career in plant sciences, to learn more. The day will give you an **unparalleled opportunity** to hear first hand from botanists engaged in biodiversity, ecology, conservation and genetics jobs, and the potential prospects in one of the most important future careers for saving our planet.

The Gardens are easily reached by several bus routes from central Dublin (Routes 4, 9 & 83). The Visitor Centre has a Café, and the Gardens will be open until 5pm.



Those attending the afternoon should go to the Herbarium building, where you will be able to find out about all the talks and presentations taking place. We will have a number of plant scientists dotted around the Gardens – in the Palm House, Curvilinear Range and the Herbarium – to give a brief introduction to their research interests and career paths and answer questions from students.



There will also be teaching staff and ex-students from University College Dublin, Trinity College, NUI Maynooth and NUI Galway who will be able to provide information about courses and entry requirements to the various plant science departments.

We look forward to welcoming you to the Gardens.

Matthew Jebb,
Director, National Botanic Gardens

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