

UNIVERSITY OF
Southampton

HELP SHAPE A BETTER WORLD

MSci NATURAL SCIENCES



Do you have a passion for science? Do you like the thrill of discovery? Do you like to challenge yourself? Do you want to make a difference to the future of this planet and our world?

If the answer to these is 'yes', then our distinctive MSci Natural Sciences programme is for you! We will help you develop the skills and advanced knowledge needed to address some of the world's biggest challenges such as: air pollution; climate change; plastic waste; neurodegenerative diseases and loss of biodiversity.

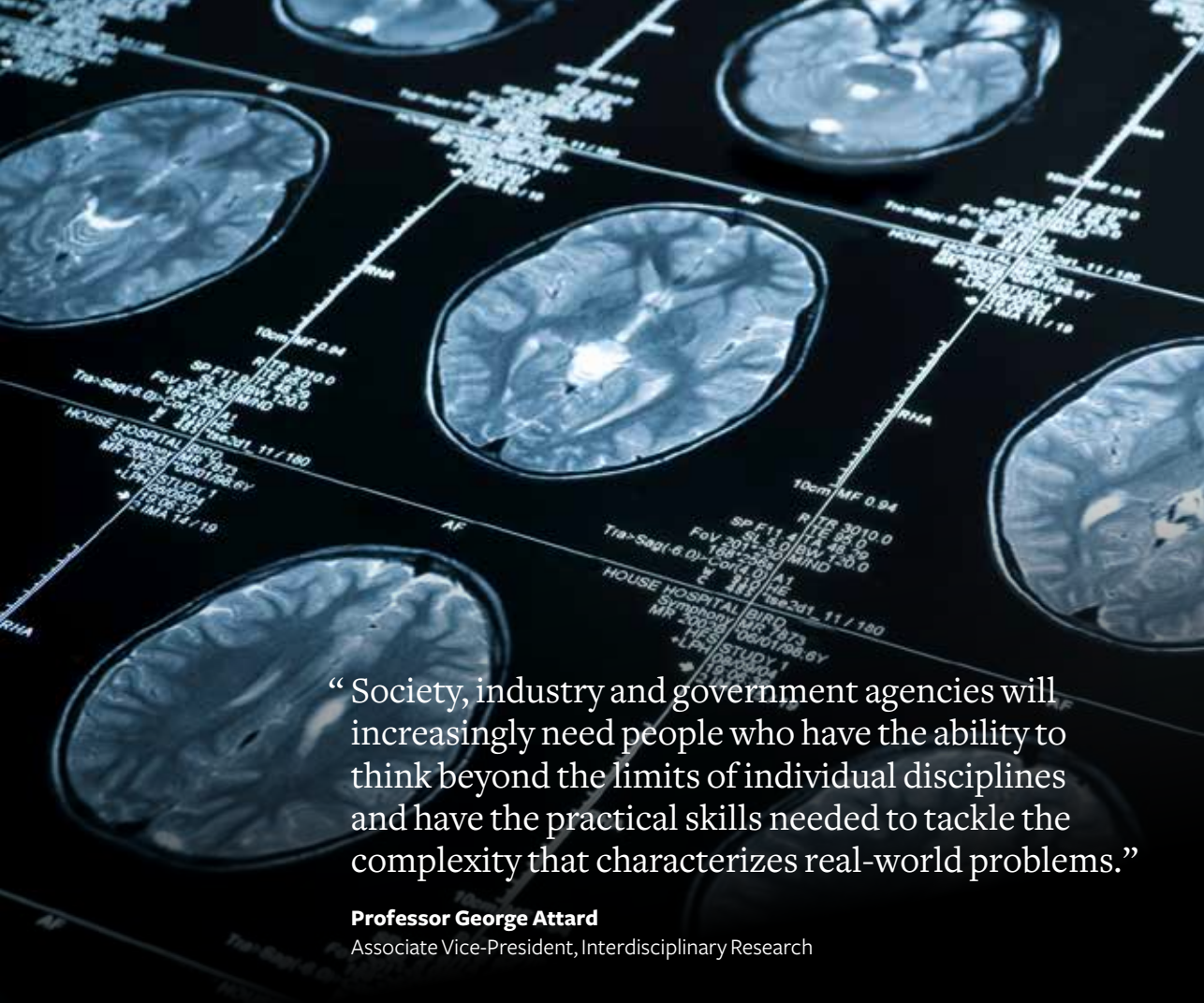
Our unique four year programme allows you to explore your interests in science and your career aspirations, supported by a team of dedicated mentors and tutors.

You will learn how to think outside the box through interdisciplinary Natural Sciences modules. These will deepen your knowledge across the sciences and will develop the practical and conceptual skills you will need to tackle complex issues in the real world. You will carry out significant and original research projects, including a six-month full time placement where you could find yourself conducting laboratory experiments alongside some of the world's leading researchers, investigating ocean currents on board a research vessel, trialling new biomedical devices in a hospital, or exploring extreme environments. We expect that the research you carry out will be publishable in major scientific journals.

Why Southampton?

- We offer you a unique degree programme with modules that will enable you to apply your scientific knowledge to real-world situations
- We will work in partnership with you to give you freedom of choice and personal responsibility, supported by dedicated mentors and tutors
- We focus on giving you an interdisciplinary learning experience based on science in real-world contexts
- You will develop an understanding of the ethical, social, political and economic issues that arise in the application of science
- You will benefit from world-class facilities in our Research Centres and Institutes such as National Oceanography Centre Southampton as well as the Centre for Cancer Immunology, Web Sciences Institute, to name just a few

The University of Southampton has outstanding research, education and innovation in the sciences, engineering, mathematics and biomedicine. You can find out more about what studying here will be like on the Natural Sciences programme webpages; we have much more about our research institutes, areas of expertise and state-of-the-art facilities in our University webpages.



“Society, industry and government agencies will increasingly need people who have the ability to think beyond the limits of individual disciplines and have the practical skills needed to tackle the complexity that characterizes real-world problems.”

Professor George Attard

Associate Vice-President, Interdisciplinary Research

Why me?

We are looking for the ‘best of the best’. What do we mean by this? Students who are motivated by curiosity and who are self-reliant. Students who are talented and who want to work with us on important societal and global issues. Students who have the potential to make a difference.

If this sounds like you, then we can offer the most exciting, innovative and flexible Natural Sciences degree in the UK. In exchange we will demand commitment, self-motivation and plenty of hard work from you.

Employers value graduates with the advanced problem-solving skills, practical skills and thorough scientific knowledge that are developed by our Natural Sciences degree. However, this will not be the right degree for everyone.

To help you decide if MSci Natural Sciences is the programme for you, we will take you through a self-assessment process involving an in-depth interview.

Examples of Natural Sciences modules

- Detecting the undetectable: analytical sciences in the natural sciences
- Editing life: genetic engineering and synthetic biology
- Creating an atmosphere: from pea-soupers to climate change
- Engineering the future: materials for devices
- Drugs of the future: Designing a magic bullet



For full course details please visit:

www.southampton.ac.uk/natsci



Find out more:

www.southampton.ac.uk/natsci

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