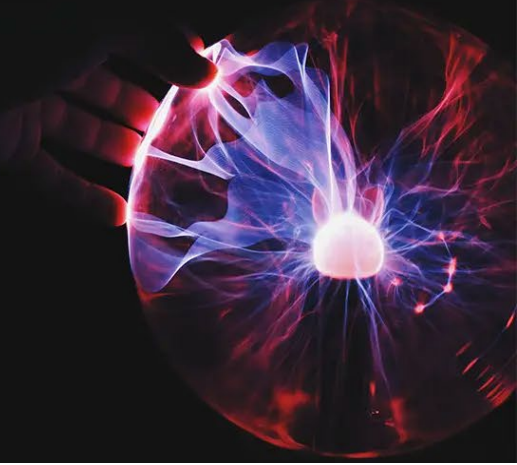


TYPES OF SCIENTISTS



The future will be stacked with challenges and innovations we can't even begin to imagine. One thing for certain, however, will be the pivotal role scientists play in navigating them.

But which kind of scientist will be the most essential? Well, there won't be just the one! In fact, the Science Council has identified 10 types of scientists they consider will have the biggest impact on future generations.

As part of the Bachelor of Science, you will need to select one of the following qualifying majors:

- Astronomy and Astrophysics
- Biology
- Biomolecular Sciences
- Chemistry
- Earth and Environmental Sciences
- Human Biology
- Marine Science
- Mathematics
- Physics
- Psychological Science
- Statistical Modelling

You can complete a second major or a minor within your Flexible Zone. Macquarie offers options from all four of our faculties that will add to your science major and give you with the knowledge and skills to kickstart an awesome career as one of these key scientists. Speak to an academic adviser for more information on majors and minors to align your interests with the type of scientist you are.



Business Scientist

Combines scientific knowledge with management and business skills. Found in science and technology companies, from research and development to marketing.

Minor: Business Analytics, Economics, Human Resource Management, Information Systems and Business Analysis, International Business, International Relations, Management and Leadership.



Communicator Scientist

Combines scientific knowledge with an ability to communicate with diverse audiences and across multiple channels. Found in TV, radio and social media; advertising; and public affairs.

Minor: Culture and Communications, Interactive Design, Journalism and Non-Fiction Writing, Podcasting and Audio Media, Radio.



Developer Scientist

Takes the knowledge generated by others and transforms it into something that society can use. Found in research environments and in startups, helping to bring ideas to market.

Minor: Information Systems and Business Analysis; Marketing Insights and Analytics; Strategy, Innovation and Entrepreneurship, Genomics and Medical Informatics.



Scan for more information

Use the QR code to visit the Science Council website and complete a quiz to find out what type of scientist you are!



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Entrepreneur Scientist

Blends their science knowledge with people management skills, entrepreneurial flair and business expertise. Found in research environments, the public sector and startups.

Minor: Innovation and Entrepreneurship, Psychological Science, Strategy, Web and Mobile App Development.



Explorer Scientist

On a journey of discovery, they rarely focus on a specific outcome; rather they want to know the next piece of the jigsaw of scientific understanding. Found in a university or research centre, or in research and development.

Minor: Anatomy and Physiology, Critical Indigenous Studies, Medicinal Chemistry, Neuroscience.



Investigator Scientist

Digs into the unknown to piece together in-depth knowledge and data for others to translate and develop. Found in a university or research centre, or in research and development.

Minor: Criminology, Cyber Security, Data Science, Environment and Society.



Policy Scientist

Uses their science knowledge and their understanding of government and policymaking to ensure that policy has a sound evidence base. Found in government, NGOs, activist organisations and charities.

Minor: Applied Ethics, Cyber Security Governance, Economics, International Relations, Politics, Social Justice, Sociology.



Regulator Scientist

Uses their knowledge of science and processes to ensure that systems and technology are reliable and safe. Found in regulatory bodies, such as the Food Standards Agency, and in testing and measurement services.

Minor: Applied Ethics, Cyber Security Governance, Environmental Management, Environmental Sciences, Infectious Disease and Biosecurity.



Teacher Scientist

Combines their training in science and education to teach the next generation of scientists. Found in schools, colleges, universities and other educational organisations.

Minor: Education



Technican Scientist

Has capabilities across the sciences, including health, forensic science, food science, health and safety, materials analysis and testing, and education. Found in labs and support service environments across a wide variety of sectors.

Minor: Medicinal Chemistry, Software Technology.



Scan for more information

Use the QR code to explore the Bachelor of Science and minors offered at Macquarie.



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