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
- Biotechnology
- Chemistry
- Earth and Environmental Sciences
- Human Biology
- Marine Science
- Mathematics
- Physics
- Psychological Science
- Statistical Data Science

You can complete a minor or a second major within your degree’s flexible zone. Macquarie offers options from all four of our faculties that will provide 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 that align to your interests and the type of scientist you wish to be.

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


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**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 or second major:** Interactive Design; Journalism and Non-Fiction Writing; Media, Culture and Communications; Radio, Podcasting and Audio Media.

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**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 or second major:** Genomics and Medical Informatics; Information Systems and Business Analysis; Marketing Insights and Analytics; Strategy, Innovation and Entrepreneurship.
### 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 or second major:** Psychological Science; Strategy, Innovation and Entrepreneurship; 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 or second major:** 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 or second major:** Climate, Environment and Society; Criminology; Cyber Security; Data Science.

### 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 or second major:** Cyber Security Governance, Economics, International Relations, Politics, 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 or second major:** 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 or second major:** Education

### Technician 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 or second major:** Medicinal Chemistry, Software Technology.

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Scan for more information
Use the QR code to explore the Bachelor of Science and majors offered at Macquarie.

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