

# **BACHELOR OF SCIENCE**

## **PROFESSIONAL SKILLS**

### **ELECTIVE PATHWAYS -**

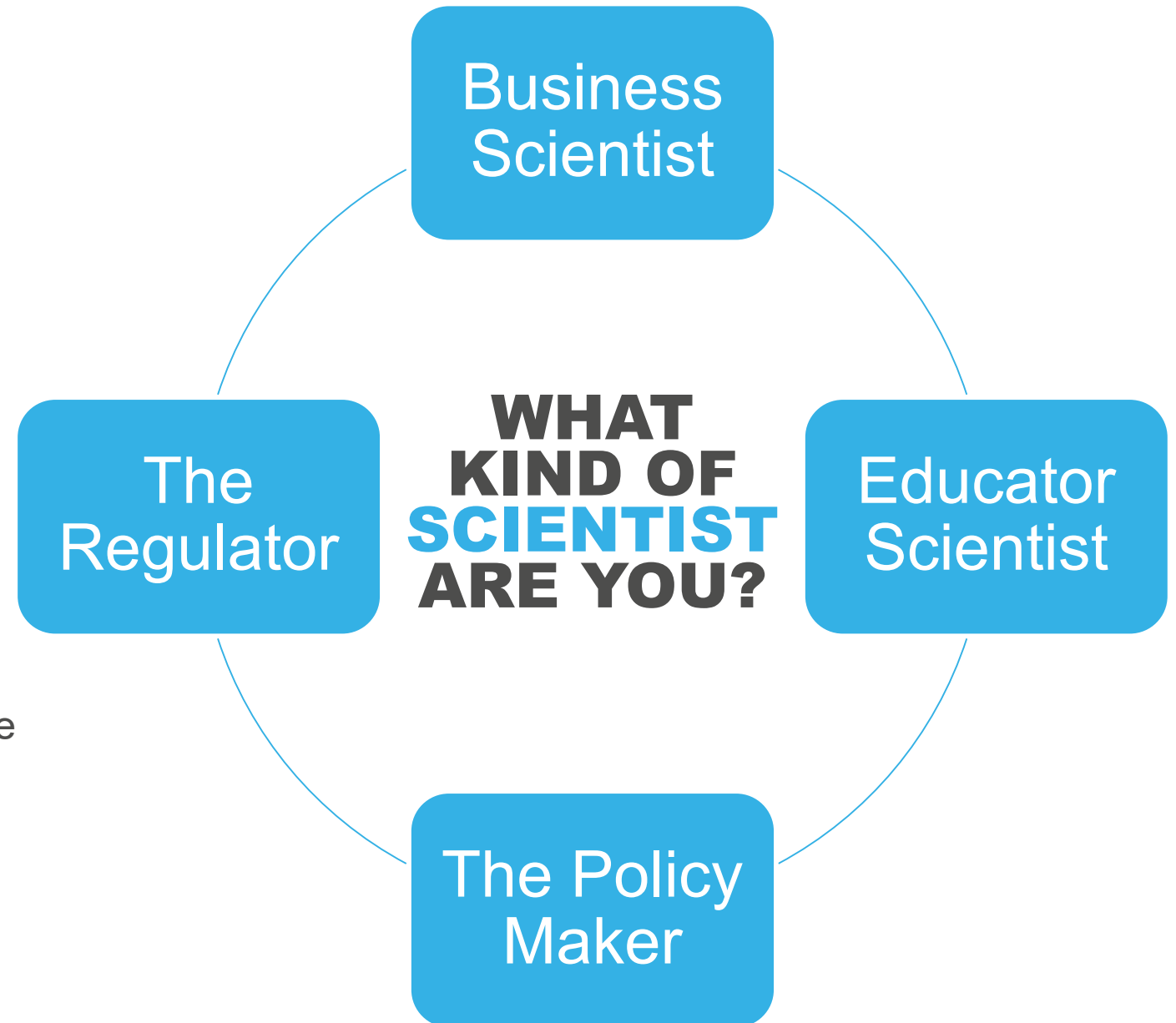
#### **OURIMBAH**



These pathways have been created to provide guidance for Bachelor of Science students wishing to build their professional skillset with their elective courses.

Each pathway has been selected to complement the content of the Bachelor of Science program with consideration of requisites. Please note that these pathways are suggestions only and will not be noted formally on the final degree certificate.

Students are welcome to enrol in any elective provided that they satisfy the requisites, and they adhere to the rules regarding maximum number of 1000 level courses in their program. For a full list of UON courses, visit the [course handbook](#).



# THE BUSINESS SCIENTIST

Business scientists combine their understanding of science, technology and business to excel across all industries. They're not only in demand in obvious fields like pharmaceuticals or IT, but also finance, insurance, marketing, product development and many more.

Complete 40 units from the following  
(with a recommended maximum of 20 units at 1000 level)

<b>ECON1001</b>	Microeconomics for Business Decisions
<b>ECON1002</b>	Macroeconomics in the Global Economy
<b>LEGL1001</b>	Foundations of Law
<b>MNGT1001</b>	Introduction to Management
<b>MNGT1002</b>	Introduction to Entrepreneurship and Innovation
<b>MKTG1001</b>	Foundations of Marketing
<b>LEGL2002</b>	Law of Business Organisations
<b>MNGT2002</b>	Business Venturing

# THE EDUCATOR SCIENTIST

Educators share their passion and knowledge of science with the world. They help students in colleges, universities, and other institutions like museums, to understand scientific concepts, and inspire them to use their new knowledge to make the world better. They also develop tools and methods to improve the way science is taught, and information is received.

Complete the following 40 units

<b>EDUC1101</b>	Curriculum, Assessment and Pedagogy
<b>EDUC2200</b>	The Future of Teaching and Learning
<b>MATH2920</b>	Thinking and Working Mathematically
<b>MATH3910</b>	Mathematics With a View to Teaching

# THE POLICY MAKER

Policy makers use their scientific knowledge and understanding to help shape government policy. Through excellent communication and negotiating skills, they ensure decisions are grounded in sound, scientific evidence.

Complete 40 units from the following  
(with a recommended maximum of 20 units at 1000 level)

<b>LEGL1001</b>	Foundations of Law
<b>POLI1010</b>	Australian Politics and Government
<b>SOCS1100</b>	Professional Practice and Key Debates in Social Sciences
<b>SOCS2100</b>	Organisational Management and Social Behaviour
<b>SOCS2300</b>	Ethical Debates in the Social Sciences
<b>SOCS2400</b>	Applied Social Research
<b>SOCS3100</b>	Policy Development, Program Management and Evaluation

# THE REGULATOR SCIENTIST

Regulators are all about safety. They ensure that new science and technology is safe and secure. They require excellent communication skills and must build trust and confidence among other scientists and the public. For example, regulators check that our food is safe to eat.

Complete the following

<b>LEGL1001</b>	Foundations of Law
<b>LEGL2002</b>	Law of Business Organisations

Complete 20 units from the following

<b>ENVS2002</b>	Environmental Legislation and Planning
<b>LAWS6037</b>	International Environment Law and Policy
<b>LAWS6038</b>	Law and Economics of Climate Change
<b>LEGL6004</b>	Law for Workplace Health and Safety