

BACHELOR OF SCIENCE

PROFESSIONAL SKILLS

ELECTIVE PATHWAYS -

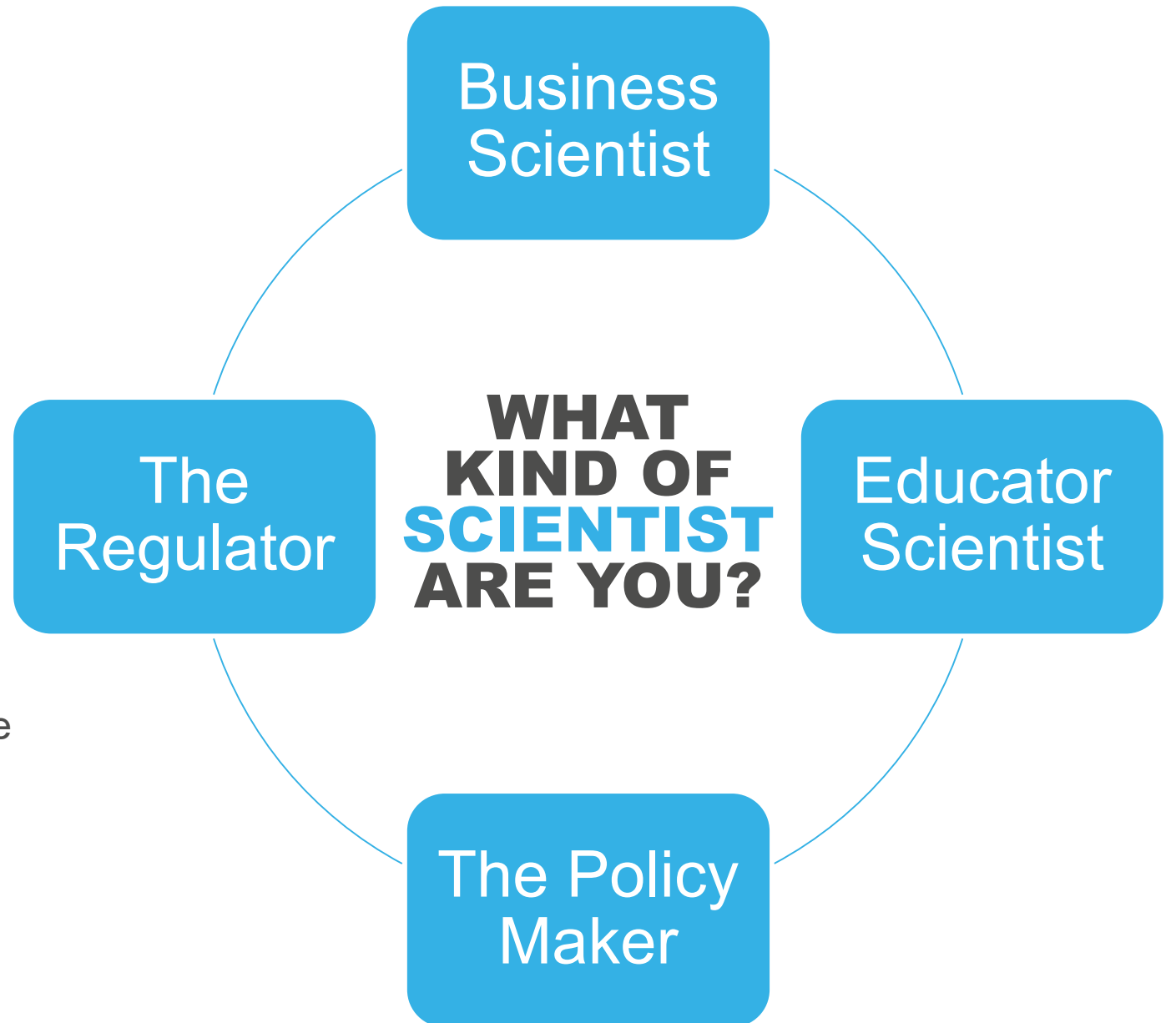
OURIMBAH



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 pre-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 pre-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.

Choose 40 units from below (with a recommended maximum of 20 units at 1000 level):

ECON1001	Microeconomics for Business Decisions
ECON1002	Macroeconomics in the Global Economy
LEGL1001	Foundations of Law
MNGT1001	Introduction to Management
MNGT1002	Introduction to Entrepreneurship and Innovation
MKTG1001	Foundations of Marketing
LEGL2002	Law of Business Organisations
MNGT2002	Business Venturing
STAR4000	Innovation, Start-ups and Entrepreneurship
STAR4200	How to launch a product without starting a business
BIOL6001	Science Policy & Commercialisation
LAWS6113	Law for Start-ups

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.

Choose 40 units from below:

EDUC1101	Curriculum, Assessment & Pedagogy
EDUC2200	The Future of Learning & Teaching
EDUC4807	Educating for Ecologically Sustainable Communities
SCIE2100	Science & Professional Communication
MATH2920	Thinking and Working Mathematically
MATH3910	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.

Choose 40 units from below (with a recommended maximum of 20 units at 1000 level):

LEGL1001	Foundations of Law
POLI1010	Australian Politics and Government
SOCS2100	Organisational Management and Social Behaviour
SOCS2300	Ethical Debates in the Social Sciences
SOCS2400	Applied Social Research
SOCS3100	Policy Development, Program Management and Evaluation
BIOL6001	Science Policy and Commercialisation

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:

LEGL1001	Foundations of Law
LEGL2002	Law of Business Organisations

Choose 20 units from the following:

ENVS2002	Environmental Legislation and Planning
LAWS6037	International Environment Law and Policy
LAWS6038	Law and Economics of Climate Change
LAWS6112	Food and Wine Law
LEGL6004	Law for Workplace Health and Safety
LEGL6005	Co-operative Law and Governance