



MONASH
University

DATA SCIENCE

FACULTY OF
INFORMATION TECHNOLOGY
DISCIPLINE GUIDE



SO YOU'RE INTERESTED IN DATA SCIENCE

Find hidden patterns and learnings in information to help organisations make better decisions.

GREAT IF YOU LOVE



LOGIC



MATHEMATICS



STATISTICS



STORYTELLING

GAIN SOUGHT-AFTER EXPERTISE

Monash will equip you with:

TECHNICAL SKILLS

- Databases and data warehousing
- Data wrangling and analysis
- Programming and algorithms
- Data modelling and visualisation
- Advanced data science

POWER SKILLS

- Critical thinking
- Problem-solving
- Communication and presentation
- Teamwork and collaboration
- Research and information literacy

PICK YOUR PATHWAY

Bachelor of Computer Science specialising in Data Science	>	3 years FT/6 years PT Clayton	ATAR ¹ : 80.15 IB: 28 MG: 78
Bachelor of Information Technology with a major in Data Science	>	3 years FT/6 years PT Clayton	ATAR ¹ : 73 IB: 26 MG: 73

TAKE IT TO THE NEXT LEVEL

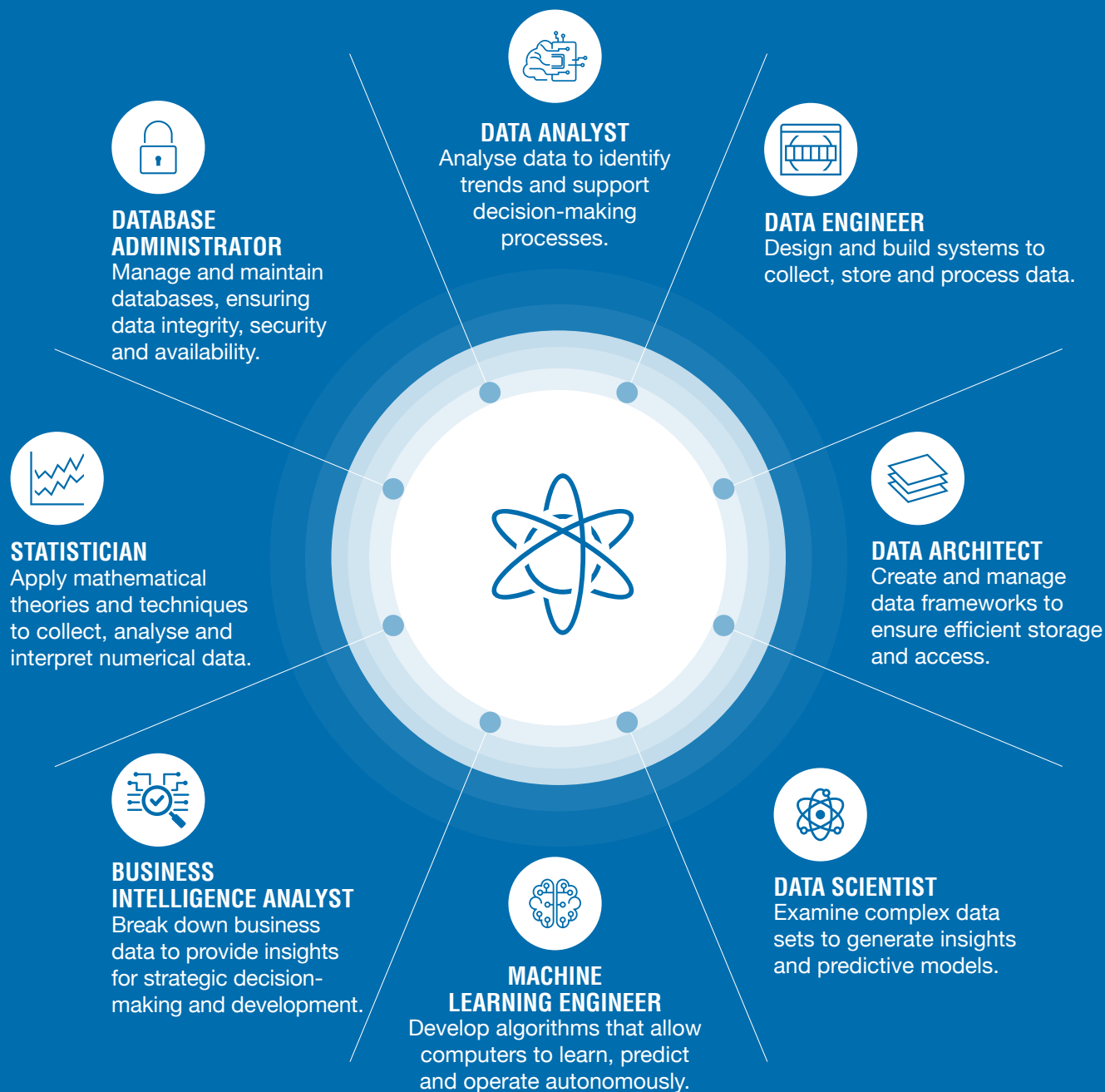
Master of Data Science	>	1.5 or 2 years FT/3 or 4 years PT Clayton
Master of Applied Data Science	>	2, 1.4 or 0.7 years PT Online
Master of Health Data Analytics – managed by the Faculty of Medicine, Nursing and Health Sciences	>	2 years FT/4 years PT Clayton
Graduate Diploma of Applied Data Science	>	1.4 years PT Online
Graduate Certificate of Applied Data Science	>	0.7 years PT Online

¹ Indicative ATAR, subject to change



A LOOK INTO THE CRYSTAL BALL

Top emerging careers you could pursue in data science include:



DATA SCIENCE STUDIO PROJECT

Discover how our students built a predictive model for determining the likelihood of heart disease.



Watch now:
youtu.be/p0IMukvQb-4

EAGER TO LEARN MORE?

Scan the QR code to read our latest course guide and learn about prerequisites, student life and other helpful information.



Visit:
monash.edu/it/future-students/undergraduate