

Clayton Campus

**GREEN CHEMICAL
FUTURES BUILDING
AUSTRALIA**



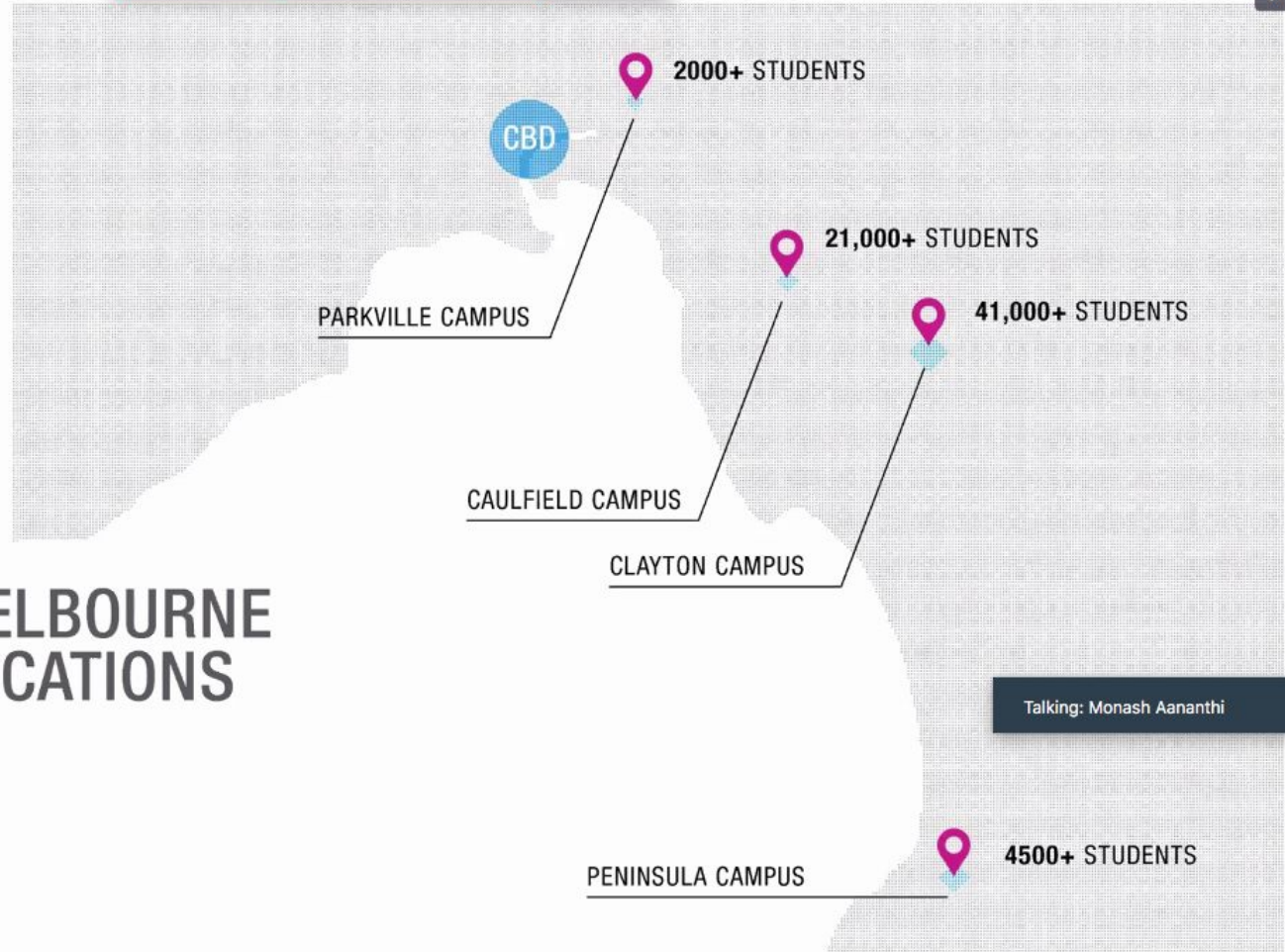
- ✓ an eight-acre wetland reserve at Monash Clayton
- ✓ home to shallow aquatic habitats to amphibians and aquatic birds
- ✓ Australia's only on-campus wetland complex and another outdoor classroom

Talking: Guil Leguizamon

**JOCK MARSHALL
RESERVE BIOLOGY
LABS
AUSTRALIA**

OUR AUSTRALIAN CAMPUSES

4 MELBOURNE LOCATIONS



Talking: Monash Aananthi



6 Key selling points

Talking: Guil Leguizamon

✓ Choose from 25 areas of study across 5 schools

- Chemistry
- Physics & Astronomy
- Mathematics
- Biological Sciences
- Earth, Environment and Atmosphere

✓ Double the laboratory hours compared to other Australian Universities

- At least 3 hours per week

✓ Specialise in up to 2 majors:

- Study an additional major from Science OR
- From another Faculty:

Arts (more than 31 majors)

Business (10 majors)

Information Technology (9 majors)

✓ Pathways to Bachelor of Science:

- Foundation Year (1st university BSc)
- Monash College Diploma of Science (2nd year BSc) – Melbourne campus only

✓ Double degree options with:

- Arts
- Biomedical Science
- Commerce
- Computer Science
- Education
- Engineering
- Global studies
- Information Technology
- Law
- Music

✓ The world is your campus

- Participate in fieldtrips and research excursions in Australia and overseas (**Heron Island's Coral Cays, the jungles of Borneo, Antarctica, Italy**)
- **Study for one or two semesters** at Monash Malaysia campus or at one of Monash's 100 university partners worldwide.

BACHELOR OF SCIENCE

FAST FACTS



Clayton Campus



3 years



Semester 1 (March) &
Semester 2 (July)

Talking: Guil Leguizamon



Talking: Guil Leguizamón

BACHELOR OF APPLIED DATA SCIENCE

FAST FACTS



Clayton Campus

3 years

Semester 1 (March)

```
brushTip.x=event.x
brushTip.y=event.y-10
brushTip.y=event.y-10
pickColor(event.x, event.y)
--print("moved off rect")
brush.x-200
brushTip.x=W-200
brushTip.y=event.y-10
brushTip.y=event.y-10
pickColor(W-200, event.y)
end
elseif event.phase=="cancelled" t
```

- ✓ If you want to master **big data** and help others to **understand it**
- ✓ Working in groups and on individual projects to bring together skills in:

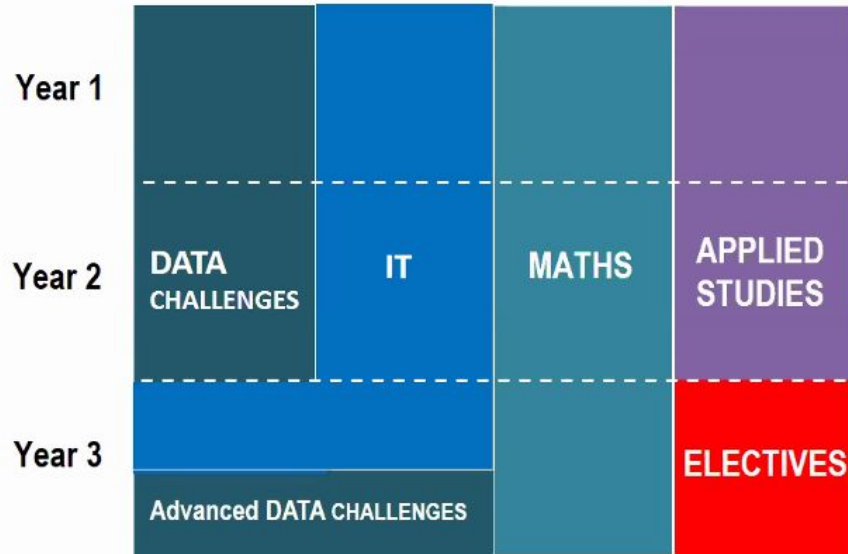
- IT
- Mathematics



AUSTRALIA'S UNIQUE DEGREE OF ITS KIND IN AUSTRALIA



BECOME AN EXPERT DATA SCIENTIST IN....



CHOOSE FROM 27 AREAS OF STUDY

- ✓ Biomedical and Health sciences
- ✓ Cell Biology/Genetics
- ✓ Physiology
- ✓ Pharmacology
- ✓ Mathematics & Modelling
- ✓ Physics & Astronomy
- ✓ Earth Sciences
- ✓ Business analytics/Banking & Finance
- ✓ Marketing
- ✓ Cyber security
- ✓ Crime and society
- ✓ Digital humanities
- ✓ Sociology research
- ✓ Media & Languages
- ✓ Software & Application development
- ✓ Information systems
- ✓ Computer systems engineering

**TAILOR MADE YOUR
DEGREE**

Bachelor of Applied Data Science

INTERNATIONAL HIGH SCHOOL QUALIFICATIONS				AMERICAN HIGH SCHOOL CERTIFICATE	
IB Diploma	A Levels	STPM (Malaysia)	UEC (Malaysia)	SAT (Out of 1600)	AP (U.S)
28	9 [#]	8.5	4.2	1190	7 [^]

#A LEVELS: Best 3 A Level subjects
A=5 B=4 C=3 D=2 E=1

Pre-requisite subjects:
High level Maths/Calculus

[^]AP: Best 2 AP Level subjects

IELTS

6.5

READING 6.0

LISTENING 6.0

SPEAKING 6.0

WRITING 6.0



TOEFL

79

READING 13

LISTENING 12

SPEAKING 18

WRITING 21

Salary Comparison By Experience

Data Scientist
Malaysia



Average Monthly Salary

salaryexplorer.com



Types of Science Careers



Environmental Scientist
Identifies, reduces, and eradicates pollutants and other hazards that threaten the environment
Salary: \$71,130

Forensic Scientist
Collects and analyzes physical evidence
Salary: \$58,230

Chemist
Studies chemicals and how they can be used to improve our lives
Salary: \$76,890

Biochemist or Biophysicist
Studies the chemical and physical properties of living things and biological processes
Salary : \$93,280



High Paying Science Careers

Talking:

Source:
FORBES Magazine – June 2019 (US\$)

