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Bachelor of Health Science

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Course Director

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Staff Profile: 

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Acknowledgement of Country

We respectfully acknowledge the Wurundjeri People of the Kulin Nation, who are the Traditional Owners of the land on which Swinburne's Australian campuses are located in Melbourne's east and outer-east, and pay our respect to their Elders past, present and emerging.

We are honoured to recognise our connection to Wurundjeri Country, history, culture, and spirituality through these locations, and strive to ensure that we operate in a manner that respects and honours the Elders and Ancestors of these lands.

We also respectfully acknowledge Swinburne's Aboriginal and Torres Strait Islander staff, students, alumni, partners and visitors.

We also acknowledge and respect the Traditional Owners of lands across Australia, their Elders, Ancestors, cultures, and heritage, and recognise the continuing sovereignties of all Aboriginal and Torres Strait Islander Nations.

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Health Science

Bachelor of Health Science - 3 years full-time or 6 years part-time

This course equips students with a comprehensive set of multi-disciplinary skills and knowledge that will prepare them for current and future careers in Health.

Pathways into Course

- From School VCE - Guaranteed Entry ATAR: 60
- Direct Entry – non school leaver
- Diploma of Health Science (UniLink) – articulation into second year of the degree with exemptions for 6 matched units and 2 electives

Majors

- Biomedical Science
- Clinical Technologies*
- Public Health and Health Promotion
- Neuroscience*
- Nutrition
- Psychology and Forensic Science^
- Psychology and Psychophysiology^

Other degrees in Health Science

- Bachelor of Health Science (Professional) (375-400CP)
- Bachelor of Health Science/Arts (400CP)
- Bachelor of Health Science/Business (400-450CP)
- Bachelor of Health Science/Media Communication (400-450CP)
- Bachelor of Health Science/Science (400-500CP)
- Bachelor of Health Science/Applied Innovation (400-500CP)

*Endorsed by Association of Neurophysiological Technologists of Australia

^ Accredited by Australian Psychology Accreditation Council

Structure of the Bachelor of Health Science

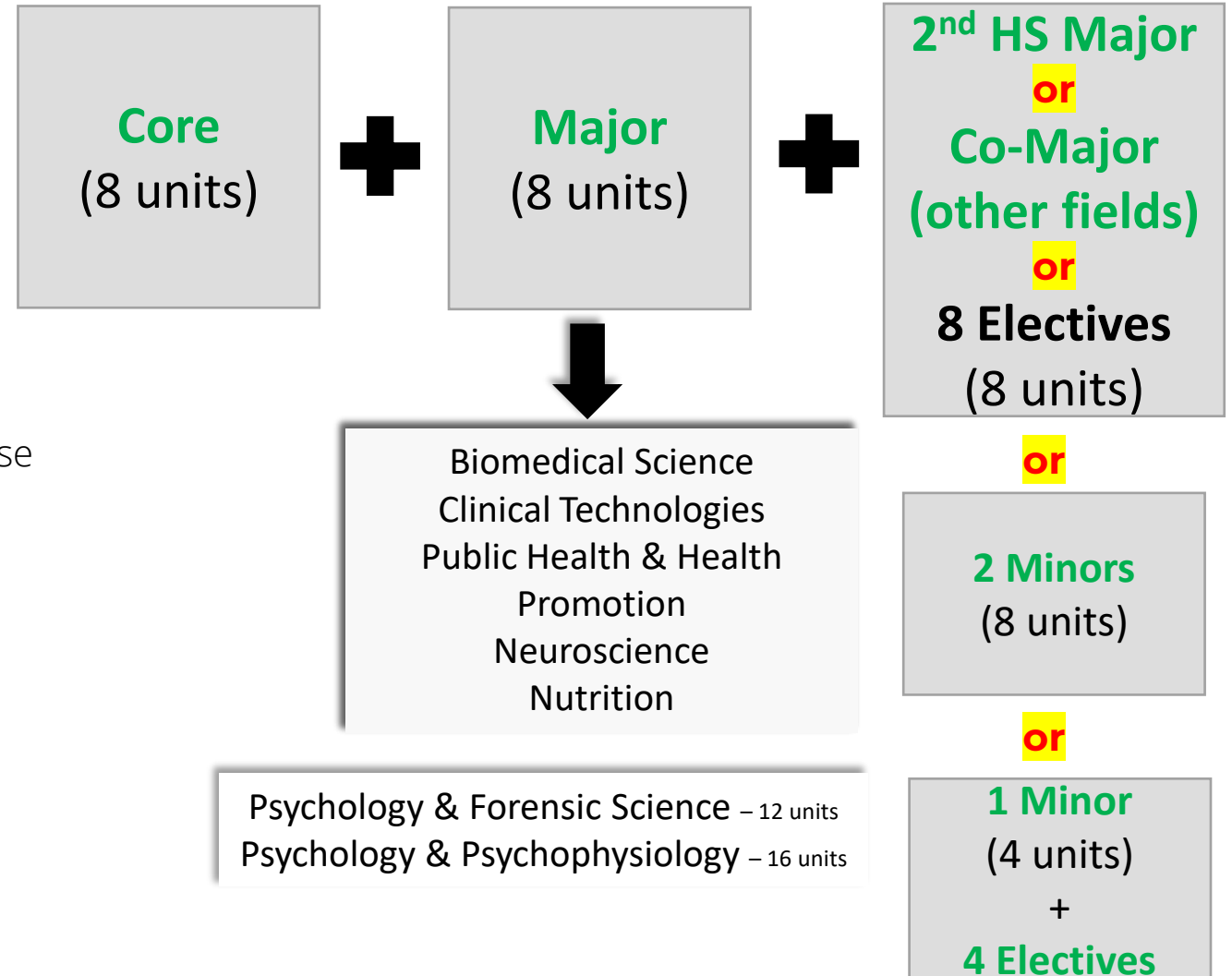


- Core Units:

- BIO10004 Anatomy and Physiology
- STA10003 Statistics
- PSY10007 Brain and Behaviour
- HEA10001 Introduction to Health Sciences
- HEA10004 Digital Health Foundations
- HEA20007 Research Methods for Health Sciences
- BIO20004 Health and Disease Across the Life Course
- HEA30001 Health Sciences Project

- For those who choose the Psychology majors:

- Psych & FS: Choose 4 electives or 1 minor
- Psych & PP: No electives required



Careers & Pathways on Graduation

Work – Hospital scientist, health educator (e.g. drug and alcohol prevention, community health services and mental health services), research scientist, clinical trial coordinator, nutritionist and much more!

- **New & Growth Areas:** Careers in digital health and medical technologies and devices

Job Outlook in Health – some examples

Health and Welfare Services Managers



Weekly Pay
\$2,148



Future Growth
Very strong



Skill Level
Very high skill

Medical Laboratory Scientists



Weekly Pay
\$1,871



Future Growth
Strong



Skill Level
Very high skill

Nutrition Professionals



Weekly Pay
\$1,992



Future Growth
Strong



Skill Level
Very high skill

Other Health Diagnostic & Promotion Professionals



Weekly Pay
\$1,876



Future Growth
Strong



Skill Level
Very high skill

Source: <https://joboutlook.gov.au/>

Where are our graduates now?

- Scientific Advisor, GlaxoSmithKline
- Neurophysiologist, The Alfred
- Respiratory Scientist, Eastern Health
- Health Promotion and Project Support Officer, Ivanhoe Aquatic Banyule Leisure
- Research Assistant, Peter MacCallum Cancer Centre

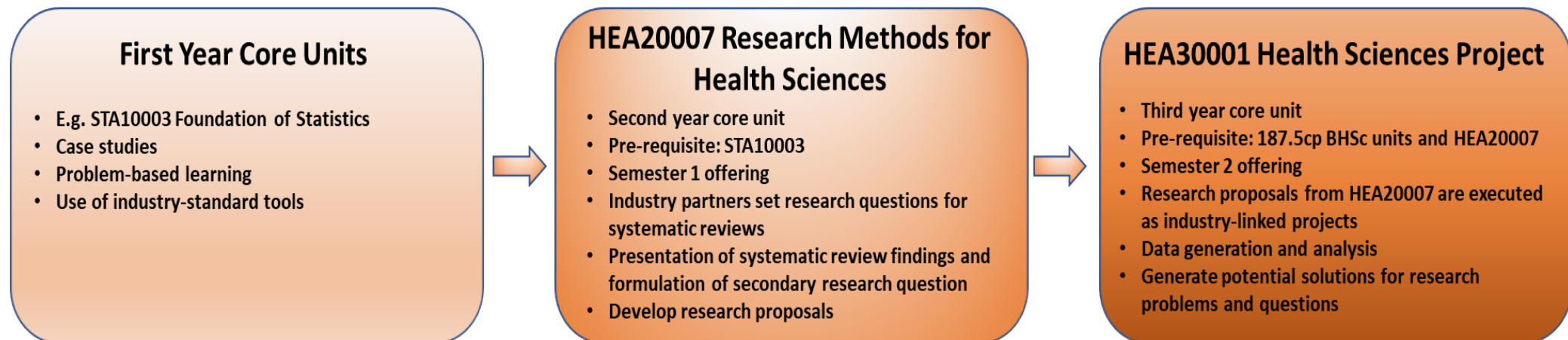
Further Study

- Swinburne's Master of Physiotherapy, Master of Occupational Therapy and Master of Dietetics
- Bachelor of Medicine/Bachelor of Surgery or equivalent (other universities)
- Research degrees – Bachelor of Health Science (Honours), Masters of Health Sciences (Research)

Course Highlights



- Flexible course structure enables students to specialise in more than one discipline and to tailor their learning according to career goals
- Career prospects in Health are exponentially growing
- Pathways to postgraduate studies in health and medical sciences
- Learn with cutting edge technologies, health devices, digital tools and virtual reality platforms
- Opportunities to complete professional placements, internships or study abroad to gain credit!
- Scaffolded work-integrated learning experience throughout the course (e.g. case studies, industry briefs and industry research projects – Meet potential employers!



How to find out more about Swinburne's Bachelor of Health Science

Course Webpage

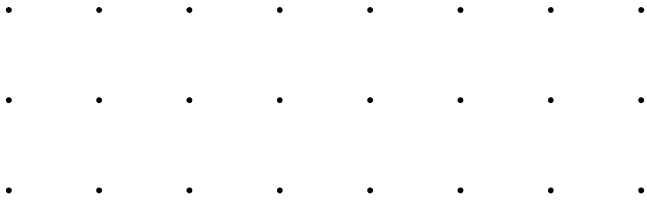


Take a Virtual Tour of the Health Science Teaching Laboratories



The Professional Placement Experience



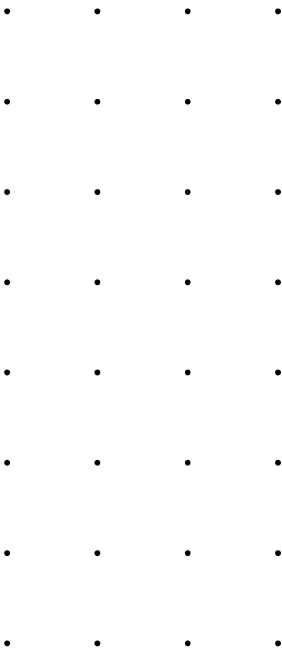


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Career Opportunities in Allied Health – Cardiac Physiology

Presented by Shannon Watt
Chief Cardiac Physiologist
The Royal Melbourne Hospital



The Royal Melbourne Hospital - Cardiology



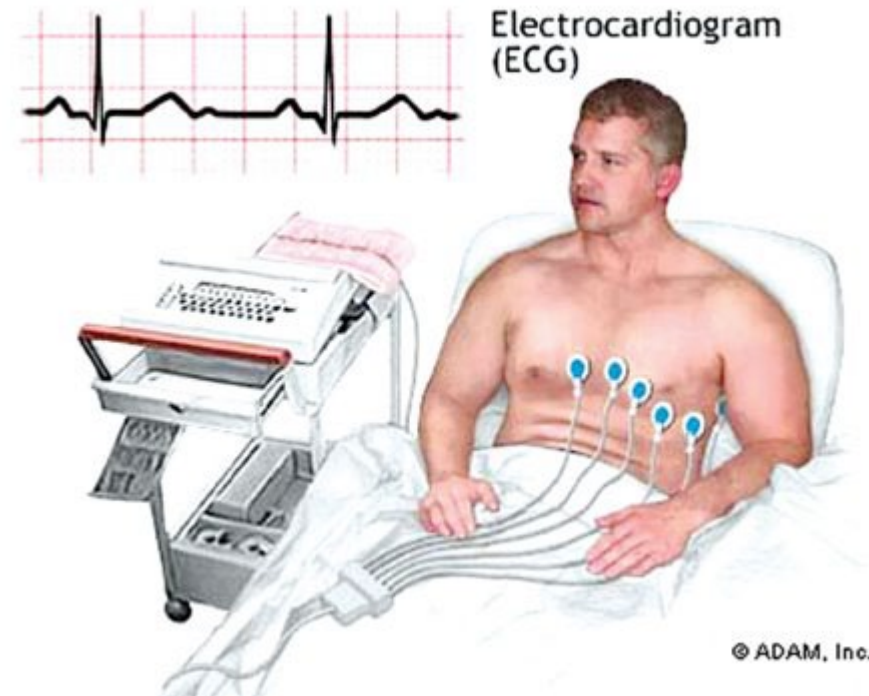
Careers in Allied Health

What does a Cardiac Physiologist do?

Perform investigations on patients to diagnose and treat a wide variety of heart conditions

Some of these include ECGs, Holter monitoring, Echocardiograms, Pacemaker checks, Stress testing

Other more invasive procedures include coronary angiograms, coronary intervention, transcatheter valve replacements and electrophysiology ablations.



<https://www.dailynews.lk/2017/05/01/features/114558/beat-bradycardia>

Careers in Allied Health

Swinburne Professional Placement Program

RMH has been participating in the program for over 30 years

1 student each year for a 12-month placement

Practical experience

Salary during the placement

Observation in other departments, Respiratory, Neurophysiology, Nephrology, Cardiac Theatre, Nuclear Medicine

