Bachelor of Sport and Exercise Science

Professionals in the exercise science industry are trained to apply their knowledge about exercise and its effect on the body to a variety of careers. They may work with sporting agencies and athletes to improve strength and fitness or provide performance analysis. They may also work in roles that promote improved health and wellness within the community, deliver health testing and education programs in corporate environments, or provide sport and recreation services in the tourism and hospitality sector. A research career can lead to developments in sport and exercise science that result in healthier communities and fitter and stronger athletes.

**Why choose this course?**

QUT's degree in sport and exercise science is one of the first university programs in Australia to offer you a clear pathway into a career as accredited exercise scientist or accredited sports scientist. You will learn to apply complex knowledge to the design, delivery, and evaluation of exercise programs, interventions and assessments that meet the specific needs of your clients.

During this course you will complete 280 hours of professional placement with organisations that may include sporting associations, fitness centres, school coaching programs, strength and conditioning programs, academies of sport and related organisations. Placement experiences may include:

- performance analysis of elite athletes and sportspeople
- strength and conditioning training
- school coaching and talent development
- corporate health.

You will develop confidence in using industry equipment and techniques with facilities on campus that include laboratories for biomechanics, motor control, injury prevention and resistance training. You will access technology that is used by elite sporting teams and coaches to analyse performance.

Your first year of study will focus on an introduction to exercise science, anatomy, physiology and coaching. You will begin to apply this knowledge in a sport and exercise science context with complementing studies in exercise psychology, physical activity and health.

During second year, you will continue with studies in core exercise science units of...
Bachelor of Sport and Exercise Science

exercise physiology, motor control, skill acquisition and biomechanics, and begin to develop a more holistic understanding of the profession with studies in related areas including food and nutrition, and research in exercise and movement science.

Units in your final year concentrate on applied sport and exercise science, specifically sports physiology, sports injury prevention and rehabilitation, sports psychology and performance analysis. This is complemented with professional placement in an area that is of specific interest.

Subject prerequisites
- Maths B
- Plus one of Chemistry, Physics or Biology. You must have achieved this study at a level comparable to Australian Year 12 or in recognised post-secondary studies. Recommended study: Health Education or Physical Education.

Minimum English requirements
Students must meet the English proficiency requirements.

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<th>IELTS (International English Language Testing System)</th>
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<tbody>
<tr>
<td>Overall</td>
<td>6.5</td>
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<td>Listening</td>
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<td>Reading</td>
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<td>Writing</td>
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Careers and outcomes
This course provides students with a defined career path as an Accredited Exercise Scientist or Accredited Sports Scientist. Graduates are prepared for a career in fitness, strength and conditioning coaching, performance analysis, corporate health, or exercise and sport science research.

You may be employed with sporting teams, community health providers, corporate organisations, education providers, gymnasiums and sports centres, or in the tourism industry.

A research career can lead to developments in sport and exercise science that result in healthier communities, and fitter and stronger athletes.

Professional recognition
This new course is provisionally accredited with Exercise and Sports Science Australia (ESSA). QUT will seek full accreditation with ESSA to give graduates professional recognition as an accredited exercise physiologist during 2019.

Graduates seeking professional recognition as a sports scientist level 1 will need to complete a further minimum of 80 hours of sport employment in order to meet ESSA requirements.

Additional fees
Additional Costs
There are requirements that you will need to meet as a student in this course. Some of these requirements have associated costs. Information is available from the Additional course requirements and costs website.

Advanced standing
To ensure students meet accreditation requirements after successful completion of this degree, advanced standing will not be granted:
- for studies completed at Australian Qualification Framework (AQF) level 5 or lower. AQF levels can be confirmed at https://www.aqf.edu.au/aqf-levels
- for un-credentialed learning or work experience cannot be used for the purposes of receiving credit for units of study or meeting practicum requirements within the course.

Course requirements
There are requirements that you will need to meet as a student in this course. You will need to identify these requirements and ensure you allow sufficient time to meet them. Some of these requirements have associated costs.

Blue card: You must undergo a criminal history check for working with children and be issued with a suitability card (blue card) before commencing clinical placement/practicum in an organisation where they may work with children or young people.

The processing of your application may take several months so you must submit your blue card application to HIQ as early as possible to ensure you have your card before you begin any unit that requires contact with children. There is no charge for student blue cards. Students who already have a blue card must register it with QUT.