UNIVERSITY OF CANBERRA

Graduate Certificate in Sports Analytics (363JA.2)

Please note these are the 2023 details for this course

Domestic students

Selection rank	PG
Delivery mode	Online
Location	UC - Canberra, Online
Duration	1.0 years
Faculty	Faculty of Health
Discipline	Discipline of Sport and Exercise Science
UAC code	880809
English language requirements	An IELTS Academic score of 6.5 overall, with no band score below 6.0 (or equivalent).

View IELTS equivalences

International students

Academic entry requirements	To study at UC, you'll need to meet our academic entry requirements and any admission requirements specific to your course. Please read your course admission requirements below. To find out whether you meet UC's academic entry requirements, visit our academic entry requirements page.

View UC's academic entry requirements

Delivery mode	Online
Location	UC - Canberra, Online
Duration	1.0 years
Faculty	Faculty of Health
Discipline	Discipline of Sport and Exercise Science
CRICOS code	
English language requirements	An IELTS Academic score of 6.5 overall, with no band score below 6.0 (or equivalent). View IELTS equivalences

About this course

Bring your A-game to a career in sports analytics

With professional sports teams and athletes placing greater emphasis on technology and data in their quest for success and victory, there's never been a better time to study sports analytics.

This extremely flexible, fully online course will teach you to collect, analyse and interpret sporting data generated from a range of systems. You will evaluate it using cutting-edge performance technology, transmit interventions, and communicate your findings via visual, textual and verbal channels to a number of different audiences.

Delivered by academics currently active in Australia's high-performance sports environment, you will gain contemporary, evidence-based training which will ultimately allow you to assist coaching staff to develop tactics and appropriate training loads while achieving individual and team performance goals.

At the completion of your course, you will be a confident user of the data and video analysis technology needed to interpret sporting performances and will have developed firm ideas about how to produce a winning team. You can apply for International Society of Performance Analysis of Sport (ISPAS) accreditation and will be officially ready to become a champion in the field of sports analytics.

Study a Graduate Certificate in Sports Analytics at UC and you will:

- develop and apply specialised knowledge in the collection, analysis, and interpretation of data generated from sports performance and athlete management
- critically evaluate the use of performance technology and data in sports and training-based contexts

- produce, interpret and transmit interventions based on sports performance data
- communicate performance data and recommendations via multiple channels to a range of audiences.

Work Integrated Learning

Work Integrated Learning (WIL) is a key component of this course, with all assessment activities mimicking those which would be undertaken in the real world of a sports performance analyst. You will monitor matches and analyse the performance and progress of real sporting teams and athletes, before presenting your results.

The course content and structure has been developed with ongoing input and feedback from key partner organisations within the high-performance sporting industry, such as Brumbies Rugby, Canberra United Football Club, UC Capitals, the Australian Institute of Sport and UC's Research Institute for Sport and Exercise (UCRISE).

Career opportunities

- Sports director
- Team general manager
- Technical director
- Head coach
- Team scout
- Sports agent
- Performance analyst
- Freelance coach
- Referee.

Course-specific information

Applicants must hold a completed bachelor's degree. Admission to this course is competitive. Applications will be assessed on the basis of academic merit and number of available places.

Students must have a basic understanding of the Microsoft Office suite of programs (or equivalent) together with a basic understanding of a broad range of sports. They must also have a basic understanding of statistical procedures.

This course is offered fully online and international students may undertake this course online in their home countries.

Following completion of the Graduate Certificate in Sports Analytics, students will be eligible to apply for International Society of Performance Analysis of Sport (ISPAS) accreditation (Level 2). The ISPAS provides an infrastructure of professionalisation, information and training opportunities for accredited performance analysts.

Professional accreditation

None.

Admission requirements

Applicants must hold a completed bachelor degree.

Admission to this course is competitive. Applications will be assessed on the basis of academic merit and the number of available places.

Assumed knowledge

Students must have a basic understanding of the Microsoft Office suite of programs (or equivalent) together with a basic understanding of a broad range of sports. They must also have a basic understanding of statistical procedures.

Periods course is open for new admissions

This course is not open for new admissions.

Credit arrangements

There are currently no formal credit transfer arrangements for entry to this course. Any previous study or work experience will only be considered as part of the application process in accordance with current course rules and university policy.

Course requirements

Graduate Certificate in Sports Analytics (363JA) | 12 credit points

Required - Must pass 12 credit points as follows

Expand All | Collapse All

Sport Informatics and Analytics PG (9612) | 3 credit points — Level P

Performance Analysis in Sport G (10155) | 3 credit points — Level G

Athlete Monitoring PG (10156) | 3 credit points — Level P

Applied Data Analysis in Sport PG (10157) | 3 credit points — Level P

In addition to course requirements, in order to successfully complete your course you must meet the inherent requirements. Please refer to the inherent requirements statement applicable to your course

Typical study pattern

UC - Canberra, Bruce

Standard Part Time, Semester 1 Commencing

Year 1

Semester 1

Applied Data Analysis in Sport PG (10157)

Athlete Monitoring PG (10156)

Semester 2

Performance Analysis in Sport G (10155)

Sport Informatics and Analytics PG (9612)

Standard Part Time, Semester 2 Commencing

Year 1

Semester 2

Performance Analysis in Sport G (10155)

Sport Informatics and Analytics PG (9612)

Year 2

Semester 1

Applied Data Analysis in Sport PG (10157)

Athlete Monitoring PG (10156)

Course information

Course duration

Standard 1 year part time. Maximum 3 years from date of enrolment to date of course completion. This course is only available for part-time enrolment.

Learning outcomes

Learning outcomes	Related graduate attributes
Develop and apply specialised knowledge in the collection, analysis and interpretation of data generated from sports performance.	UC graduates are professional: Employ up-to-date and relevant knowledge and skills; communicate effectively; use creativity, critical thinking, analysis and research skills to solve theoretical and real-world problems; work collaboratively as part of a team, negotiate, and resolve conflict; display initiative and drive, and use their organisational skills to plan and

	manage their workload; take pride in their professional and personal integrity. UC graduates are global citizens: Think globally about issues in their profession; communicate effectively in diverse cultural and social settings; make creative use of technology in their learning and professional lives; behave ethically and sustainably in their professional and personal lives. UC graduates are lifelong learners: Reflect on their own practice, updating and adapting their knowledge and skills for continual professional and academic development; be self-aware; adapt to complexity, ambiguity and change by being flexible and keen to engage with new ideas; evaluate and adopt new technology.
Critically evaluate the different methods and systems used to assess sporting performance.	UC graduates are professional: Employ up-to-date and relevant knowledge and skills; communicate effectively; use creativity, critical thinking, analysis and research skills to solve theoretical and real-world problems; work collaboratively as part of a team, negotiate, and resolve conflict; display initiative and drive, and use their organisational skills to plan and manage their workload; take pride in their professional and personal integrity. UC graduates are global citizens: Think globally about issues in their profession; communicate effectively in diverse cultural and social settings; make creative use of technology in their learning and professional lives; behave ethically and sustainably in their professional and personal lives. UC graduates are lifelong learners: Reflect on their own practice, updating and adapting their knowledge and skills for continual professional and academic development; adapt to complexity, ambiguity and change by being flexible and keen to engage with new ideas; evaluate and adopt new technology.
Interpret and communicate information gathered from data to support evidence-based decision-making in a range of sporting contexts.	UC graduates are professional: Employ up-to-date and relevant knowledge and skills; communicate effectively; use creativity, critical thinking, analysis and research skills to solve theoretical and real-world problems; work collaboratively as part of a team, negotiate, and resolve conflict; take pride in their professional and personal integrity. UC graduates are global citizens: Communicate effectively in diverse cultural and social settings; make creative use of technology in their learning and professional lives; behave ethically and sustainably in their professional and personal lives. UC graduates are lifelong learners: Reflect on their own practice, updating and adapting their knowledge and skills for continual professional and academic development; be self-

aware; adapt to complexity, ambiguity and change by being flexible and keen to engage with new ideas; evaluate and adopt new technology.

Awards

Award	Official abbreviation
Graduate Certificate in Sports Analytics	GradCert SportAnalytics

Enquiries

Student category	Contact details
Prospective Domestic Students	Email study@canberra.edu.au or Phone 1800 UNI CAN (1800 864 226)
Current and Commencing Students	Please contact the Faculty of Health faculty office, email student.centre@canberra.edu.au
Prospective International Students	Email international@canberra.edu.au or Phone +61 2 6201 5342

Download your course guide

Scholarships

Find the scholarship that's the right fit for you

Explore Scholarships

University of Canberra, Bruce ACT 2617 Australia

+61 2 6201 5111

ABN 81 633 873 422

CRICOS 00212K

TEQSA Provider ID: PRV12003 (Australian University)

UC acknowledges the Ngunnawal people, traditional custodians of the lands where Bruce campus is situated. We wish to acknowledge and respect their continuing culture and the contribution they make to the life of Canberra and the region. We also acknowledge all other First Nations Peoples on whose lands we gather.