Bachelor of Sport Coaching and Exercise Science/Bachelor of Information Technology (157JA.1)

Please note these are the 2014 details for this course

Domestic students

Selection rank	
Delivery mode	On campus
Location	
Duration	4.0 years
Faculty	Faculty of Health
Discipline	Academic Program Area - Maths & Technology
	Discipline of Sport and Exercise Science
UAC code	365006
English language requirements	An IELTS Academic score of 6.0 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	On campus
Location	
Duration	4.0 years
Faculty	Faculty of Health
Discipline	Academic Program Area - Maths & Technology Discipline of Sport and Exercise Science
CRICOS code	071091D
English language requirements	An IELTS Academic score of 6.0 overall, with no band score below 6.0 (or equivalent). View IELTS equivalences

About this course

A double degree in Sport Coaching and Information Technology provides professional preparation for people seeking a career in sports analytics, sport science and information technology. Students will develop a broad range of technical, analytical and communication skills to address the needs of modern sport technology. Students will learn how to make effective use of computer systems and information technology in sport and explore the methods of designing and developing new technology and systems to analyse sport performance.

Professional accreditation

Graduates are eligible to apply for membership with Exercise and Sport Science Australia (ESSA).

Admission requirements

Normal UC requirements for admission to an undergraduate course.

Additional admission requirements

Refer to individual courses.

Assumed knowledge

Refer to individual courses.

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

Bachelor of Sport Coaching and Exercise Science/Bachelor of Information Technology (157JA) | 96 credit points

Sport Coaching and Exercise Science - 48 credit points as follows

Expand All | Collapse All

Required Units - Must pass 9 credit points as follows

Introduction to Statistics (6540) | 3 credit points — Level 1

Sports Medicine (6839) | 3 credit points — Level 3

Human Growth and Development (8338) | 3 credit points — Level 1

Major in Sports Science (MJ0115) | 21 credit points

Required - Must pass 15 credit points as follows

Systemic Anatomy and Physiology (6529) | 3 credit points — Level 1

Biomechanics 1 (6834) | 3 credit points — Level 2

Biomechanics 2 (6835) | 3 credit points — Level 3

Physiology of Exercise 1 (8391) | 3 credit points — Level 2

Physiology of Exercise 2 (8392) | 3 credit points — Level 3

Restricted Choice - 6 credit points as follows

Part A - Must pass 3 credit points from the following

Motor Control and Skill Acquisition (8913) | 3 credit points — Level 2

Part B - Must pass 3 credit points from the following

Regional Anatomy and Physiology (6534) | 3 credit points — Level 2

Regional Anatomy and Physiology (9808) | 3 credit points — Level 1

Major in Sport Coaching (Restricted) (MJ0186) | 18 credit points

Required - Must pass 9 credit points as follows

Performance Analysis in Sport (8390) | 3 credit points — Level 3

Restricted Choice - 9 credit points as follows

Part A - Must pass 3 credit points from the following

Exercise Programming and Prescription (8911) | 3 credit points — Level 2

Part B - Must pass 3 credit points from the following

Sport Coaching Pedagogy (8914) | 3 credit points — Level 2

Part C - Must pass 3 credit points from the following

Sport Coaching Principles (8912) | 3 credit points — Level 1

Information Technology - 48 credit points as follows

Required Units - Must pass 12 credit points as follows

Information Technology Project (7164) | 6 credit points — Level 3

Security and Support in IT (7167) | 3 credit points — Level 2

Professional Practice in IT (7722) | 3 credit points — Level 1

Major in Software Engineering (BIT) (Restricted) (MJ0107) | 18 or 21 credit points

For the 21cp Major - 21 credit points as follows

Required - Must pass 12 credit points as follows

Introduction to Information Technology (4478) | 3 credit points — Level 1

Software Technology 1 (4483) | 3 credit points — Level 1

Web Design and Programming (7175) | 3 credit points — Level 2

Software Systems Architecture (8745) | 3 credit points — Level 2

Restricted Choice - 9 credit points as follows

Part A - Must pass 3 credit points from the following

Object Oriented Software Design (7165) | 3 credit points — Level 3

Computer and Network Security (8019) | 3 credit points — Level 3

Part B - Must pass 3 credit points from the following

Mathematical Methods (577) | 3 credit points — Level 1

Discrete Mathematics (6698) | 3 credit points — Level 1

Part C - Must pass 3 credit points from the following

Software Technology 2 (7170) | 3 credit points — Level 2

Mobile Technologies (8878) | 3 credit points — Level 2

For the 18cp Major - 18 credit points as follows

- Note: Students in a double degree with Sport Coaching & Exercise Science, Sport & Exercise Science or Commerce must do this version of the major (i.e. do not do the Restricted Choice Part B unit).

Required - Must pass 12 credit points as follows

Introduction to Information Technology (4478) | 3 credit points — Level 1

Software Technology 1 (4483) | 3 credit points — Level 1

Web Design and Programming (7175) | 3 credit points — Level 2

Software Systems Architecture (8745) | 3 credit points — Level 2

Restricted Choice - 6 credit points as follows

Part A - Must pass 3 credit points from the following

Object Oriented Software Design (7165) | 3 credit points — Level 3

Computer and Network Security (8019) | 3 credit points — Level 3

Part C - Must pass 3 credit points from the following

Software Technology 2 (7170) | 3 credit points — Level 2

Major in Information Systems (BIT) (Restricted) (MJ0057) | 18 credit points

Required - Must pass 15 credit points as follows

Database Design (5915) | 3 credit points — Level 1

Information Systems in Organisations (6348) | 3 credit points — Level 1

Systems Analysis and Modelling (6365) | 3 credit points — Level 2

Document and Workflow Management (6388) | 3 credit points — Level 3

Systems Project and Quality Management (7173) | 3 credit points — Level 3

Note:

- From 2019 the unit code for 6365 Systems Analysis and Modelling has changed to 11486.

Restricted Choice - Must pass 3 credit points from the following

Designing Human-Computer Interaction (6389) | 3 credit points — Level 2

Corporate Strategy and IT Governance (9276) | 3 credit points — Level 3

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 Full Time, Semester 1 Commencing

Year 1

Semester 1

Information Systems in Organisations (6348)

Introduction to Information Technology (4478)

Introduction to Statistics (6540)

Regional Anatomy and Physiology (6534)

Semester 2

Database Design (5915)

Professional Practice in IT (7722)

Software Technology 1 (4483)

Systemic Anatomy and Physiology (6529)

Year 2

Semester 1

Physiology of Exercise 1 (8391)

MJ0186 Part C Unit

MJ0107 Part C Unit

MJ0057 Restricted Choice Unit

Semester 2

Web Design and Programming (7175)

MJ0186 Part A Unit

Physiology of Exercise 2 (8392)

Systems Analysis and Modelling (6365)

Year 3

Semester 1

Biomechanics 1 (6834)

MJ0115 Restricted Choice Unit

Document and Workflow Management (6388)

Human Growth and Development (8338)

Semester 2

Biomechanics 2 (6835)

Security and Support in IT (7167)

Software Systems Architecture (8745)

Sports Medicine (6839)

Year 4

Semester 1

MJ0107 Part A Unit

Systems Project and Quality Management (7173)

MJ0186 Part B Unit

Semester 2

Information Technology Project (7164)

Performance Analysis in Sport (8390)

Course information

Course duration

Standard eight semesters full-time or equivalent. Maximum twenty semesters.

Learning outcomes

Learning outcomes	Related graduate attributes
Academic training for academic pathways into masters programs	1. Communication (a-e) 2. Information literacy and numeracy 3. Information and communication technology 4. Problem solving (a-e) 5. Working with others (a-f) 7. Professional ethics (a-b) 8. Social responsibility (a-d) 9. Life long learning (a-d) 10. Personal attributes (a-e)
Eligibility for membership to the Australian Association for Exercise and Sport science	1. Communication (a-e) 2. Information literacy and numeracy 3. Information and communication technology

	4. Problem solving (a-e)
	5. Working with others (a-f)
	6. Effective workplace skills (a-c)
	7. Professional ethics (a-b)
	8. Social responsibility (a-d)
	9. Life long learning (a-d)
	10. Personal attributes (a-e)
Academic training for employment in the coalface delivery of sport and information systems	1. Communication (a-e)
	2. Information literacy and numeracy
	3. Information and communication technology
	4. Problem solving (a-e)
	5. Working with others (a-f)
	6. Effective workplace skills (a-c)
	7. Professional ethics (a-b)
	8. Social responsibility (a-d)
	9. Life long learning (a-d)
	10. Personal attributes (a-e)

Placements requirements

This course requires students to meet compulsory placement requirements prior to undertaking professional placement (Work-Integrated Learning) in a clinical or professional setting. For information on what these requirements are and how to meet these requirements, please visit www.canberra.edu.au/placement

Majors

- Major in Information Systems (BIT) (Restricted) (MJ0057)
- Major in Sport Coaching (Restricted) (MJ0186)

- Major in Sports Science (MJ0115)
- Major in Software Engineering (BIT) (Restricted) (MJ0107)

Awards

Award	Official abbreviation
Bachelor of Information Technology	BIT
Bachelor of Sport Coaching and Exercise Science	B SportCoach&ExerciseSc

Honours

Refer to individual courses.

Enquiries

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

Download your course guide

Scholarships

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Explore Scholarships