



# Course Outline (Higher Education)

<b>School:</b>	School of Science, Psychology and Sports
<b>Course Title:</b>	RESEARCH PROJECT
<b>Course ID:</b>	SCOND7001
<b>Credit Points:</b>	45.00
<b>Prerequisite(s):</b>	(Successful completion of all statistical courses within the relevant Masters program) (HEASC4001)
<b>Co-requisite(s):</b>	(HEASC4001 If this course has not been completed as a pre-requisite it may be undertaken as a co-requisite)
<b>Exclusion(s):</b>	Nil
<b>ASCED:</b>	069903

**Description of the Course :**

This course will enable students to apply knowledge and skills gained in coursework studies to investigate a question, problem or issue of individual interest in a practical, scholarly and relatively autonomous manner under staff supervision. Students will demonstrate skills to plan, conduct and present a small-scale research study in the form of a thesis. Successful completion of this course is required to qualify for entry to a Doctor of Philosophy program.

**Grade Scheme:** Graded (HD, D, C, etc.)

**Work Experience:**

No work experience: Student is not undertaking work experience in industry.

**Placement Component:** No

**Program Level:**

Level of course in Program	AQF Level of Program					
	5	6	7	8	9	10
Introductory	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Intermediate	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Advanced	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**Learning Outcomes:****Knowledge:**

- K1.** Describe and plan a process of independent research within the context of the discipline/professional practice
- K2.** Critically and systematically evaluate and integrate knowledge from different sources
- K3.** Examine research principles and methods of research within the discipline
- K4.** Demonstrate consciousness of the ethical aspects of research and development work.

**Skills:**

- S1.** Select, justify and apply appropriate research methods for the study to be performed
- S2.** Search and apply theory and creative skills to generate and evaluate complex ideas and concepts at a higher level within the field of study.
- S3.** Demonstrate verbal and written communication skills to clearly present and discuss the research process and findings with regard to the selected research project
- S4.** Appraise advice to select and apply appropriate statistics for purposes of analysis
- S5.** Act in a collaborative manner with supervisors and other stakeholders, such as staff from external organisations

**Application of knowledge and skills:**

- A1.** Plan and execute a substantial research-based project
- A2.** Apply the process of independent research, including data collection and analysis, with a high level of personal autonomy
- A3.** Present research findings in thesis format.

**Course Content:**

Content will be determined by the topic of investigation which should:

- Build on the knowledge gained from the coursework component
- Identify a research question based on current gaps in knowledge and relevance to the field of research
- Collect and analyse information that relates to the research question
- Design a suitable research methodology to answer the chosen question
- Respect and understand the ethical standards related to the investigation
- Apply appropriate statistical methods to analyse data for interpretation
- Link findings to the research question and current body of knowledge
- Use findings to inform practice relevant to the discipline
- Lead to the submission of a thesis of suitable length and detail for the 45 credit point weighting

**Values:**

- V1.** Demonstrate ethical practice with participants in the research
- V2.** Appraise and act on the advice of advisors
- V3.** Justify the place of research within the profession
- V4.** Identify the need for research skills to provide greater understanding and knowledge within the field of practice

- V5.** Reflect on own research process and outcomes
- V6.** Appreciate the need for professionals to be involved in lifelong learning

### Graduate Attributes

The Federation University FedUni graduate attributes (GA) are entrenched in the Higher Education Graduate Attributes Policy (LT1228). FedUni graduates develop these graduate attributes through their engagement in explicit learning and teaching and assessment tasks that are embedded in all FedUni programs. Graduate attribute attainment typically follows an incremental development process mapped through program progression. **One or more graduate attributes must be evident in the specified learning outcomes and assessment for each FedUni course, and all attributes must be directly assessed in each program**

Graduate attribute and descriptor		Development and acquisition of GAs in the course			
		Learning Outcomes (KSA)	Code A. Direct B. Indirect N/A Not addressed	Assessment task (AT#)	Code A. Certain B. Likely C. Possible N/A Not likely
GA 1 Thinkers	Our graduates are curious, reflective and critical. Able to analyse the world in a way that generates valued insights, they are change makers seeking and creating new solutions.	K1,K2,K3,S1,S2,S3,A1,A2,A3	A	AT1, AT2, AT4	A
GA 2 Innovators	Our graduates have ideas and are able to realise their dreams. They think and act creatively to achieve and inspire positive change.	S2,A1	A	AT2, AT3	B
GA 3 Citizens	Our graduates engage in socially and culturally appropriate ways to advance individual, community and global well-being. They are socially and environmentally aware, acting ethically, equitably and compassionately.	K4, S4	A	AT2, AT3	A
GA 4 Communicators	Our graduates create, exchange, impart and convey information, ideas, and concepts effectively. They are respectful, inclusive and empathetic towards their audience, and express thoughts, feelings and information in ways that help others to understand.	S1, S3,S5,A3	A	AT2, AT3	A
GA 5 Leaders	Our graduates display and promote positive behaviours, and aspire to make a difference. They act with integrity, are receptive to alternatives and foster sustainable and resilient practices.	K2, K3, S2, A1, A2	B	AT2, AT3	C

### Learning Task and Assessment:

Learning Outcomes Assessed	Learning Tasks	Assessment Type	Weighting
K1, K3, K4 S1, S3	In this task students will be required to present a proposed outline of their research project	Project plan	S/U
K1 - K4 S1 S5 A1 A3	Plan and execute a substantial research-based project Apply the process of independent research with a high level of personal autonomy Present written research findings in thesis format	Research thesis	85-95%
K1 K2 S1 S3	Students are expected to deliver a presentation on the findings generated from their research project.	Presentation	5-15%

**Adopted Reference Style:**

Other (Journal of Strength and Conditioning Research )