DISCLAIMER

The information contained in Victoria University’s 2017 PhD Courses was current at 28 November 2016.

In today’s university environment, changes to courses occur far more frequently than in the past. For current information on Victoria University’s courses, readers are advised to access the University’s online courses database at www.vu.edu.au/courses.

If you have difficulty in accessing this material electronically, please phone (03) 9919 6100 for assistance.

IMPORTANT INFORMATION

The course details in this handbook (plus details of all other Victoria University courses) can also be searched on the University’s online courses database at www.vu.edu.au/courses.

This handbook can be downloaded as a pdf file from the Victoria University website at www.vu.edu.au/courses/course-handbooks-and-guides.

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HOW TO USE THIS HANDBOOK

Victoria University’s 2017 PhD Courses Handbook is designed to provide students with detailed information on course structures and unit details for undergraduate and postgraduate courses offered by the college in 2017.

The definition of fields used in course tables throughout this handbook include:

Credit Point – the number of credit points a unit contributes towards the total points needed to complete a course.

PLEASE NOTE

This handbook provides a guide to courses available within Victoria University’s PhD Courses in 2017.

Although all attempts have been made to make the information as accurate as possible, students should check with the college that the information is accurate when planning their courses.

NOTE: Prospective students are strongly advised to search the University’s online courses database at www.vu.edu.au/courses for the most up-to-date list of courses.

This handbook includes descriptions of courses that may later be altered or include courses that may not be offered due to unforeseen circumstances, such as insufficient enrolments or changes in teaching personnel. The fact that details of a course are included in this handbook can in no way be taken as creating an obligation on the part of the University to teach it in any given year or in the manner described. The University reserves the right to discontinue or vary courses at any time without notice.

OTHER INFORMATION

Information about course fees, articulation and credit transfer, recognition of prior learning, admission and enrolment procedures, examinations, and services available to students can be accessed on the University’s website or by contacting the University directly.
PhD Courses

- Doctor of Philosophy: UPAC
- Doctor of Philosophy: UPAP
- Doctor of Philosophy: UPAS
- Doctor of Philosophy (Integrated): UPBA
- Doctor of Philosophy: UPBB
- Doctor of Philosophy: UPBE
- Doctor of Philosophy (Integrated): UPCA
- Doctor of Philosophy (Integrated): UPDA
- Doctor of Philosophy (Integrated): UPEA
- Doctor of Philosophy: UPEE
- Doctor of Philosophy (Integrated): UPFA
- Doctor of Philosophy (Integrated): UPGA
- Doctor of Philosophy (Integrated): UPHA
- Doctor of Philosophy: UPHF
- Doctor of Philosophy: UPHM
- Doctor of Philosophy: UPHN
- Doctor of Philosophy (Integrated): UPIA
- Doctor of Philosophy (Integrated): UPLA
- Doctor of Philosophy: UPLL
- Doctor of Philosophy (Integrated): UPMA
- Doctor of Philosophy (Integrated): UPNA
- Doctor of Philosophy: UPNE
- Doctor of Philosophy: UPNI
- Doctor of Philosophy: UPNS
- Doctor of Philosophy (Integrated): UPOA
- Doctor of Philosophy (Integrated): UPPA

Units

- Doctor of Philosophy (Integrated): UPRA
- Doctor of Philosophy (Integrated): UPSA
- Doctor of Philosophy: UPSH
- Doctor of Philosophy: UPSS
PhD Courses

Below are details of courses offered by the PhD Courses in 2017.

This information is also available online on the University’s searchable courses database at www.vu.edu.au/courses

NOTE: Courses available to international students are marked with the (I) symbol.

Doctor of Philosophy
Course Code: UPAC
Campus: Footscray Nicholson, Footscray Park, St Albans.

About this course:
Doctoral degree in Creative Arts The Doctoral Degree (PhD) is an advanced research program offered across VU’s research focus areas and the major disciplines of the academic Colleges, which allows the student to conduct original research in an area that is both of interest to the student and of broader significance to the University, industry and the community, with the assistance of an experienced research supervisory team. The PhD includes:

- engagement in a substantial research project at the frontier of its field leading to the presentation of a thesis in an approved thesis format for examination against international standards through the University’s approved process for independent examination by at least two external expert examiners.
- a component of required coursework usually undertaken in the first semester of the program (full-time students) and the first year (part-time students), and other opportunities for the development of research, generic and transferable skills through participation in both formal and informal learning.

It promotes the development of research and research-related capabilities, with graduates expected to:

1. demonstrate a scholarly and enquiring mind, and evidence strong capabilities in
   - research conceptualisation and design including reviewing of the literature
   - the marshalling and critical analysis of data and evidence, and
   - conceptual innovation in order to make a significant new contribution to knowledge and society;

2. demonstrate deep disciplinary immersion and broad interdisciplinary literacy, including methodological literacy; and
3. be a highly competent communicator of their research, including through demonstration of the capacity to present and defend their research in a wide variety of contexts such as refereed quality academic outlets appropriate to their field (eg ranked journals, good quality academic conferences, thesis, book chapter, monograph) and to less specialist audiences by public presentation. Training is provided to support the development of these research and research-related capabilities in the context of the discipline area, as well as the appropriate generic and transferable skills to allow students to become independent, competent and highly sought after researchers equipped to pursue a research career in relevant industries and/or to become an academic.

Course Objectives: Graduates of this course have the academic knowledge, skills and attributes necessary to become capable, independent researchers, in order to be able to pursue a research-related or high-level professional career in their industry and/or as a Higher Education academic in their field of studies. The course objectives are to produce graduates who have:

- expert understanding of a substantial body of theory and its practical application at the frontier of a field of work or learning, including substantial expert knowledge of ethical research principles and methods applicable to the field.
- intellectual independence and cognitive skills to undertake a systematic investigation, reflect critically on theory and practice and evaluate existing knowledge and ideas, including identifying, evaluating and critically analysing the validity of research studies and their applicability to a research problem.
- expert cognitive, technical and creative skills to:
  - design, develop and implement a research project/s to systematically investigate a research problem.
  - develop, adapt and implement research methodologies to extend and redefine existing knowledge.
  - manage, analyse, evaluate and interpret data, synthesising key ideas and theorising within the context of key literature.
- expert communication skills to explain and critique theoretical propositions, methodologies and conclusions; to disseminate and promote new insights; and to cogently present a complex investigation of originality, original research, both for external examination and to specialist (eg researcher peers) and non-specialist (industry and/or community) audiences through informal interaction, scholarly publications, reports and formal presentations.
- capacity to reflect on, develop and evaluate strategies for achieving their own learning and career goals.
- intellectual independence, initiative and creativity in new situations and/or for further learning.
- ethical practice and full responsibility and accountability for personal outputs.
- autonomy, authoritative judgement, adaptability and responsibility as an expert and independent scholar.

Careers: Academic and research focused positions in the relevant fields of study.

Course Duration: 4 years

Admission Requirements: Completed a relevant Masters degree or four year undergraduate degree with Honours or its equivalent at a high standard.

Admission Requirements International: Achieved an IELTS, (Academic Module) result with an overall score of 6.5 (no band less than 6) or equivalent and completed a Masters degree or a relevant four year undergraduate degree with Honours or its equivalent at a high standard.

COURSE STRUCTURE

The PhD is a research based degree with a maximum duration of 4 years (full time) and 8 years (part time). As well as enrolling in Research Thesis units Doctor of Philosophy (Science) students will be required to complete two coursework units, ROP8001 and ROP8002. An average result of 70% is required in the compulsory coursework units in order to proceed to candidature confirmation. Ongoing
progression is subject to policy and procedures for candidature management as per the VU HDR Policy.

Coursework Units

ROP8001 Conceptualising and Contextualising Research
ROP8002 Research Integrity and Ethics
ACR8900 Creative Arts (Full-Time) 48
ACR8901 Creative Arts (Part-Time) 24

Doctor of Philosophy
Course Code: UPAP
Campus: Footscray Nicholson, Footscray Park, St Albans.

About this course: Doctoral degree in Psychology The Doctoral Degree (PhD) is an advanced research program offered across VU's research focus areas and the major disciplines of the academic Colleges, which allows the student to conduct original research in an area that is both of interest to the student and of broader significance to the University, industry and the community, with the assistance of an experienced research supervisory team. The PhD includes:

- engagement in a substantial research project at the frontier of its field leading to the presentation of a thesis in an approved thesis format for examination against international standards through the University's approved process for independent examination by at least two external expert examiners.
- a component of required coursework usually undertaken in the first semester of the program (full-time students) and the first year (part-time students), and other opportunities for the development of research, generic and transferable skills through participation in both formal and informal learning.

It promotes the development of research and research-related capabilities, with graduates expected to:

1. demonstrate a scholarly and enquiring mind, and evidence strong capabilities in
   - research conceptualisation and design including reviewing of the literature
   - the marshalling and critical analysis of data and evidence, and
   - conceptual innovation in order to make a significant new contribution to knowledge and society;

2. demonstrate deep disciplinary immersion and broad interdisciplinary literacy, including methodological literacy; and
3. be a highly competent communicator of their research, including through demonstration of the capacity to present and defend their research in a wide variety of contexts such as refereed quality academic outlets appropriate to their field (eg ranked journals, good quality academic conferences, thesis, book chapter, monograph) and to less specialist audiences by public presentation. Training is provided to support the development of these research and research-related capabilities in the context of the discipline area, as well as the appropriate generic and transferable skills to allow students to become independent, competent and highly sought after researchers equipped to pursue a research career in relevant industries and/or to become an academic.

Course Objectives: Graduates of this course have the academic knowledge, skills and attributes necessary to become capable, independent researchers, in order to be able to pursue a research-related or high level professional career in their industry and/or as a Higher Education academic in their field of studies. The course objectives are to produce graduates who have:

- expert understanding of a substantial body of theory and its practical application at the frontier of a field of work or learning, including substantial expert knowledge of ethical research principles and methods applicable to the field.
- intellectual independence and cognitive skills to undertake a systematic investigation, reflect critically on theory and practice and evaluate existing knowledge and ideas, including identifying, evaluating and critically analysing the validity of research studies and their applicability to a research problem.
- expert cognitive, technical and creative skills to:
  - design, develop and implement a research project/s to systematically investigate a research problem.
  - develop, adapt and implement research methodologies to extend and redefine existing knowledge.
  - manage, analyse, evaluate and interpret data, synthesising key ideas and theorising within the context of key literature.
- expert communication skills to explain and critique theoretical propositions, methodologies and conclusions; to disseminate and promote new insights; and to cogently present a complex investigation of originality, or original research, both for external examination and to specialist (eg researcher peers) and non-specialist (industry and/or community) audiences through informal interaction, scholarly publications, reports and formal presentations.
- capacity to reflect on, develop and evaluate strategies for achieving their own learning and career goals.
- intellectual independence, initiative and creativity in new situations and/or for further learning.
- ethical practice and full responsibility and accountability for personal outputs.
- autonomy, authoritative judgement, adaptability and responsibility as an expert and independent scholar.

Careers: Academic and research focused positions in the relevant fields of study.

Course Duration: 4 years

Admission Requirements: Completed a relevant Masters degree or four year undergraduate degree with Honours or its equivalent at a high standard.

Admission Requirements International: Achieved an IELTS, (Academic Module) result with an overall score of 6.5 (no band less than 6) or equivalent and completed a Masters degree or a relevant four year undergraduate degree with Honours or its equivalent at a high standard.

COURSE STRUCTURE

The PhD is a research based degree with a maximum duration of 4 years (full time) and 8 years (part time). As well as enrolling in Research Thesis units Doctor of Philosophy (Science) students will be required to complete two coursework units,
RIP8001 and ROP8002. An average result of 70% is required in the compulsory coursework units in order to proceed to candidature confirmation. Ongoing progression is subject to policy and procedures for candidature management as per the VU HDR Policy.

Coursework Units

- ROP8001 Conceptualising and Contextualising Research
- ROP8002 Research Integrity and Ethics
- APS8900 Psychology (Full-Time) 48
- APS8901 Psychology (Part-Time) 24

Doctor of Philosophy

Course Code: 1PAS
Campus: Footscray Nicholson, Footscray Park, St Albans.

About this course: The Doctoral Degree in Society and Culture The Doctoral Degree (PhD) is an advanced research program offered across VU’s research focus areas and the major disciplines of the academic Colleges, which allows the student to conduct original research in an area that is both of interest to the student and of broader significance to the University, industry and the community, with the assistance of an experienced research supervisory team. The PhD includes:

- engagement in a substantial research project at the frontier of its field leading to the presentation of a thesis in an approved thesis format for examination against international standards through the University’s approved process for independent examination by at least two external expert examiners.
- a component of required coursework usually undertaken in the first semester of the program (full-time students) and the first year (part-time students), and other opportunities for the development of research, generic and transferable skills through participation in both formal and informal learning.

It promotes the development of research and research-related capabilities, with graduates expected to:

1. demonstrate a scholarly and enquiring mind, and evidence strong capabilities in:
   - research conceptualisation and design including reviewing of the literature
   - the marshalling and critical analysis of data and evidence, and
   - conceptual innovation in order to make a significant new contribution to knowledge and society;

2. demonstrate deep disciplinary immersion and broad interdisciplinary literacy, including methodological literacy; and
3. be a highly competent communicator of their research, including through demonstration of the capacity to present and defend their research in a wide variety of contexts such as refereed quality academic outlets appropriate to their field (eg ranked journals, good quality academic conferences, thesis, book chapter, monograph) and to less specialist audiences by public presentation. Training is provided to support the development of these research and research-related capabilities in the context of the discipline area, as well as the appropriate generic and transferable skills to allow students to become independent, competent and highly sought-after researchers equipped to pursue a research career in relevant industries and/or to become an academic.

Course Objectives: Graduates of this course have the academic knowledge, skills and attributes necessary to become capable, independent researchers, in order to be able to pursue a research-related or high-level professional career in their industry and/or as a Higher Education academic in their field of studies. The course objectives are to produce graduates who have:

- expert understanding of a substantial body of theory and its practical application at the frontier of a field of work or learning, including substantial expert knowledge of ethical research principles and methods applicable to the field.
- intellectual independence and cognitive skills to undertake a systematic investigation, reflect critically on theory and practice and evaluate existing knowledge and ideas, including identifying, evaluating and critically analysing the validity of research studies and their applicability to a research problem.
- expert cognitive, technical and creative skills to:
  - design, develop and implement a research project/s to systematically investigate a research problem.
  - develop, adapt and implement research methodologies to extend and redefine existing knowledge.
  - manage, analyse, evaluate and interpret data, synthesising key ideas and theorising within the context of key literature.
  - expert communication skills to explain and critique theoretical propositions, methodologies and conclusions; to disseminate and promote new insights; and to cogently present a complex investigation propositions, methodological and theoretical underpinnings to specialist (eg researcher peers) and non-specialist (industry and/or community) audiences through informal interaction, scholarly publications, reports and formal presentations.
- capacity to reflect on, develop and evaluate strategies for achieving their own learning and career goals.
- intellectual independence, initiative and creativity in new situations and/or for further learning.
- ethical practice and full responsibility and accountability for personal outputs.
- autonomy, authoritative judgement, adaptability and responsibility as an expert and independent scholar.

Careers: Academic and research focused positions in the relevant fields of study.

Course Duration: 4 years

Admission Requirements: Completed a relevant Masters degree or four year undergraduate degree with Honours or its equivalent at a high standard.

Admission Requirements International: Achieved an IELTS, (Academic Module) result with an overall score of 6.5 (no band less than 6) or equivalent and completed a Masters degree or a relevant four year undergraduate degree with Honours or its equivalent at a high standard.

COURSE STRUCTURE
The PhD is a research based degree with a maximum duration of 4 years (full time) and 8 years (part time). As well as enrolling in Research Thesis units Doctor of Philosophy (Science) students will be required to complete two coursework units, ROP8001 and ROP8002. An average result of 70% is required in the compulsory coursework units in order to proceed to candidature confirmation. Ongoing progression is subject to policy and procedures for candidature management as per the VU HDR Policy.

Coursework Units

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Title</th>
<th>Semester</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>ROP8001</td>
<td>Conceptualising and Contextualising Research</td>
<td>Semester 1</td>
<td>70% Average across the Year 1 coursework units and 70% in the Year 1 thesis</td>
</tr>
<tr>
<td>ROP8002</td>
<td>Research Integrity and Ethics</td>
<td>Semester 2</td>
<td>70% Average across the Year 1 coursework units and 70% in the Year 1 thesis</td>
</tr>
<tr>
<td>ASC8900</td>
<td>Society and Culture (Full-Time)</td>
<td>Full Time</td>
<td>48</td>
</tr>
<tr>
<td>ASC8901</td>
<td>Society and Culture (Part-Time)</td>
<td>Part Time</td>
<td>24</td>
</tr>
</tbody>
</table>

**Doctor of Philosophy (Integrated)**

**Course Code:** UPBA  
**Campus:** Footscray Park, City Flinders.

**About this course:** Doctor of Philosophy (Integrated) in Business and Management

The Doctor of Philosophy (Integrated) is a four-year program of research designed for students who lack the previous research training and/or experience to gain entry to a traditional Doctor of Philosophy (PhD). The Doctor of Philosophy (Integrated) allows students to undertake intensive research training in Year 1 and then to conduct further original research in Years 2-4 leading to the completion of their doctoral degree within the normal 4-year period, and to the award of Doctor of Philosophy. Students are under the guidance of an experienced research supervisory team throughout the course. Year 1 of the Doctor of Philosophy (Integrated) provides research training units at AQF level 9/10 which prepare and support students in undertaking research in semester 2 of Year 1 of their studies. Upon meeting the hurdle requirement (70% average across the Year 1 coursework units and 70% in the Year 1 thesis), students proceed to Years 2-4 of the doctoral degree, undertaking a further intensive coursework unit designed to supporting them in preparing to present for Candidature within six months Equivalent Full Time (EFT) of their enrolment in Year 2. Students who achieve a pass mark of 50% or above in all Year 1 units, but do not fulfill the hurdle requirement (70% average across the Year 1 coursework units and 70% in the Year 1 thesis) do not wish to proceed to Years 2-4 of the Doctor of Philosophy (Integrated), will be eligible for the Master of Research Practice exit award. The Doctor of Philosophy (Integrated) is offered across the VU's research focus areas and the major disciplines of the academic Colleges, which allow the student to conduct original research in an area that is of interest to the student and of broader significance to the University, industry and the community. The Doctor of Philosophy (Integrated) includes:

- Engagement in a substantial research project at the frontier of its field leading to the presentation of a thesis in an approved thesis format for examination against international standards through the University's approved process for independent examination by at least two external expert examiners.
- A component of required coursework and other opportunities for the development of research, generic and transferable skills through participation in both formal and informal learning.

It promotes the development of research and research-related capabilities, with graduates expected to: 1. demonstrate a scholarly and enquiring mind, and evidence strong capabilities in

- research conceptualisation and design including reviewing of the literature
- the marshalling and critical analysis of data and evidence, and
- conceptual innovation in order to make a significant new contribution to knowledge and society;

2. demonstrate deep disciplinary immersion and broad interdisciplinary literacy, including methodological literacy; and 3. be a highly competent communicator of their research, including through demonstration of the capacity to present and defend their research in a wide variety of contexts such as refereed quality academic outlets appropriate to their field (eg ranked journals, good quality academic conferences, thesis, book chapter, monograph) and to less specialist audiences by public presentation. Training is provided to support the development of these research and research-related capabilities in the context of the discipline area, as well as the appropriate generic and transferable skills to allow students to become independent, competent and highly sought after researchers equipped to pursue a research career in relevant industries and/or to become an academic.

**Course Objectives:** Graduates of this course have the academic knowledge, skills and attributes necessary to become capable, independent researchers, in order to be able to pursue a research-related or high-level professional career in their industry and/or as a higher Education academic in their field of studies. The course objectives are to produce graduates who have: 1. expert understanding of a substantial body of theory and its practical application at the frontier of a field of work or learning, including substantial expert knowledge of ethical research principles and methods applicable to the field. 2. Intellectual independence and cognitive skills to undertake a systematic investigation, reflect critically on theory and practice and evaluate existing knowledge and ideas, including identifying, evaluating and critically analysing the validity of research studies and their applicability to a research problem. 3. Expert cognitive, technical and creative skills to:

- design, develop and implement a research project/s to systematically investigate a research problem.
- develop, adapt and implement research methodologies to extend and redefine existing knowledge.
- manage, analyse, evaluate and interpret data, synthesising key ideas and theorising within the context of key literature.

4. Expert communication skills to explain and critique theoretical propositions, methodologies and conclusions; to disseminate and promote new insights; and to cogently present a complex investigation of originality, or original research, both for external examination and to specialist (eg researcher peers) and non-specialist (industry and/or community) audiences through informal interaction, scholarly publications, reports and formal presentations. 5. Capacity to reflect on, develop and evaluate strategies for achieving their own learning and career goals. 6. Intellectual independence, initiative and creativity in new situations and/or for further learning. 7. Ethical practice and full responsibility and accountability for personal outputs. 8. Autonomy, authoritative judgement, adaptability and responsibility as an expert and independent scholar.

**Careers:** Academic and research focused positions in the relevant fields of study.
Course Duration: 4 years

Admission Requirements: Completed a qualification at AQF level 8 or above typically in a cognate discipline (including a qualification without minor thesis), with Honours or its equivalent at a high standard.

Admission Requirements International: Achieved an IELTS (Academic Module) result with an overall score of 6.5 (no band less than 6) or equivalent and completed a qualification at AQF level 8 or above typically in a cognate discipline (including a qualification without minor thesis), with Honours or its equivalent at a high standard.

COURSE STRUCTURE

To attain the award of Doctor of Philosophy through undertaking the Doctor of Philosophy (Integrated) students will be required to completed in total 384 credit points consisting of:

- 72 credit points of Core studies in Year 1
- 24 credit points of Elective studies in Year 1
- 288 credit points of Thesis units as per standard PhD

YEAR 1

Core Studies

- UGR7001 Introduction to Research Methodology 12
- UGR7002 Research Design and Proposal Development 12
- UGR7003 Research Integrity and Ethics 12

Thesis Units (36 credit points)

- UGR7901 Year One Thesis A (Part-Time) 12
- UGR7902 Year One Thesis B (Part-Time) 24

OR

- UGR7903 Year One Thesis C (Full-Time) 36

Select 24 credit points (equivalent to 2 units) Elective Studies:

- UGR7004 Introduction to Qualitative Research Methods 12
- UGR7005 Introduction to Quantitative Research Methods 12
- UGR7006 Enhancing Researcher Knowledge and Skills 12
- UGR7007 Enhancing Research Capability 12
- UGR7008 English Language for Graduate Researchers 12

YEARS 2 - 4

- BBM8900 Business and Management (Full-Time) 48
- BBM8901 Business and Management (Part-Time) 24

Doctor of Philosophy

Course Code: UPB8

Campus: Footscray Park, City Flinders.

About this course: Doctoral degree in Business and Management The Doctoral Degree (PhD) is an advanced research program offered across VU’s research focus areas and the major disciplines of the academic Colleges, which allows the student to conduct original research in an area that is both of interest to the student and of broader significance to the University, industry and the community, with the assistance of an experienced research supervisory team. The PhD includes:

- engagement in a substantial research project at the frontier of its field leading to the presentation of a thesis in an approved thesis format for examination against international standards through the University’s approved process for independent examination by at least two external expert examiners.
- a component of required coursework usually undertaken in the first semester of the program (full-time students) and the first year (part-time students), and other opportunities for the development of research, generic and transferable skills through participation in both formal and informal learning.

It promotes the development of research and research-related capabilities, with graduates expected to:

1. demonstrate a scholarly and enquiring mind, and evidence strong capabilities in
   - research conceptualisation and design including reviewing of the literature
   - the marshalling and critical analysis of data and evidence, and
   - conceptual innovation in order to make a significant new contribution to knowledge and society;

2. demonstrate deep disciplinary immersion and broad interdisciplinary literacy, including methodological literacy; and
3. be a highly competent communicator of their research, including through demonstration of the capacity to present and defend their research in a wide variety of contexts such as refereed quality academic outlets appropriate to their field (eg ranked journals, good quality academic conferences, thesis, book chapter, monograph) and to less specialist audiences by public presentation. Training is provided to support the development of these research and research-related capabilities in the context of the discipline area, as well as the appropriate generic and transferable skills to allow students to become independent, competent and highly sought-after researchers equipped to pursue a research career in relevant industries and/or to become an academic.

Course Objectives: Graduates of this course have the academic knowledge, skills and attributes necessary to become capable, independent researchers, in order to be able to pursue a research-related or high-level professional career in their industry and/or as a Higher Education academic in their field of studies. The course objectives are to produce graduates who have:

- expert understanding of a substantial body of theory and its practical application at the frontier of a field of work or learning, including substantial expert knowledge of ethical research principles and methods applicable to the field.
• intellectual independence and cognitive skills to undertake a systematic investigation, reflect critically on theory and practice and evaluate existing knowledge and ideas, including identifying, evaluating and critically analysing the validity of research studies and their applicability to a research problem.

• expert cognitive, technical and creative skills to:
  - design, develop and implement a research project/s to systematically investigate a research problem.
  - develop, adapt and implement research methodologies to extend and redefine existing knowledge.
  - manage, analyse, evaluate and interpret data, synthesising key ideas and theorising within the context of key literature.
  - expert communication skills to explain and critique theoretical propositions, methodologies and conclusions; to disseminate and promote new insights; and to cogently present a complex investigation of originality, or original research, both for external examination and to specialist (eg researcher peers) and non-specialist (industry and/or community) audiences through informal interaction, scholarly publications, reports and formal presentations.

• capacity to reflect on, develop and evaluate strategies for achieving their own learning and career goals.

• intellectual independence, initiative and creativity in new situations and/or for further learning.

• ethical practice and full responsibility and accountability for personal outputs.

• autonomy, authoritative judgement, adaptability and responsibility as an expert and independent scholar.

Careers: Academic and research focused positions in the relevant fields of study.

Course Duration: 4 years

Admission Requirements: Completed a relevant Masters degree or four year undergraduate degree with Honours or its equivalent at a high standard.

Admission Requirements International: Achieved on IELTS, (Academic Module) result with an overall score of 6.5 (no band less than 6) or equivalent and completed a Masters degree or a relevant four year undergraduate degree with Honours or its equivalent at a high standard.

COURSE STRUCTURE

The PhD is a research based degree with a maximum duration of 4 years (full time) and 8 years (part time). As well as enrolling in Research Thesis units Doctor of Philosophy (Science) students will be required to complete two coursework units, ROP8001 and ROP8002. An average result of 70% is required in the compulsory coursework units in order to proceed to candidature confirmation. Ongoing progression is subject to policy and procedures for candidature management as per the VU HDR Policy.

Coursework Units

ROP8001 Conceptualising and Contextualising Research

ROP8002 Research Integrity and Ethics

Doctor of Philosophy

Course Code: UPBE

Campus: Footscray Park, City Flinders.

About this course: Doctoral degree in Economics The Doctoral Degree (PhD) is an advanced research program offered across VU’s research focus areas and the major disciplines of the academic Colleges, which allows the student to conduct original research in an area that is both of interest to the student and of broader significance to the University, industry and the community, with the assistance of an experienced research supervisory team. The PhD includes:

- engagement in a substantial research project at the frontier of its field leading to the presentation of a thesis in an approved thesis format for examination against international standards through the University’s approved process for independent examination by at least two external expert examiners.

- a component of required coursework usually undertaken in the first semester of the program (full-time students) and the first year (part-time students), and other opportunities for the development of research, generic and transferable skills through participation in both formal and informal learning.

It promotes the development of research and research-related capabilities, with graduates expected to: 1. demonstrate a scholarly and enquiring mind, and evidence strong capabilities in

- research conceptualisation and design including reviewing of the literature

- the marshalling and critical analysis of data and evidence, and

- conceptual innovation in order to make a significant new contribution to knowledge and society;

2. demonstrate deep disciplinary immersion and broad interdisciplinary literacy, including methodological literacy; and 3. be a highly competent communicator of their research, including through demonstration of the capacity to present and defend their research in a wide variety of contexts such as refereed quality academic outlets appropriate to their field (eg ranked journals, good quality academic conferences, thesis, book chapter, monograph) and to less specialist audiences by public presentation. Training is provided to support the development of these research and research-related capabilities in the context of the discipline area, as well as the appropriate generic and transferable skills to allow students to become independent, competent and highly sought after researchers equipped to pursue a research career in relevant industries and/or to become an academic.

Course Objectives: Graduates of this course have the academic knowledge, skills and attributes necessary to become capable, independent researchers, in order to be able to pursue a research-related or high-level professional career in their industry and/or as a Higher Education academic in their field of studies. The course objectives are to produce graduates who have:

- expert understanding of a substantial body of theory and its practical application at the frontier of a field of work or learning, including

BBM8900 Business and Management (Full-Time) 48

BBM8901 Business and Management (Part-Time) 24
substantial expert knowledge of ethical research principles and methods applicable to the field.

- intellectual independence and cognitive skills to undertake a systematic investigation, reflect critically on theory and practice and evaluate existing knowledge and ideas, including identifying, evaluating and critically analysing the validity of research studies and their applicability to a research problem.

- expert cognitive, technical and creative skills to:
  - design, develop and implement a research project/s to systematically investigate a research problem.
  - develop, adapt and implement research methodologies to extend and redefine existing knowledge.
  - manage, analyse, evaluate and interpret data, synthesising key ideas and theorising within the context of key literature.
  - expert communication skills to explain and critique theoretical propositions, methodologies and conclusions; to disseminate and promote new insights; and to cogently present a complex investigation of originality, or original research, both for external examination and to specialist (eg researcher peers) and non-specialist (industry and/or community) audiences through informal interaction, scholarly publications, reports and formal presentations.

- capacity to reflect on, develop and evaluate strategies for achieving their own learning and career goals.

- intellectual independence, initiative and creativity in new situations and/or for further learning.

- ethical practice and full responsibility and accountability for personal outputs.

- autonomy, authoritative judgement, adaptability and responsibility as an expert and independent scholar.

Careers: Academic and research focused positions in the relevant fields of study.

Course Duration: 4 years

Admission Requirements: Completed a relevant Masters degree or four year undergraduate degree with Honours or its equivalent at a high standard.

Admission Requirements International: Achieved an IELTS, (Academic Module) result with an overall score of 6.5 (no band less than 6) or equivalent and completed a Masters degree or a relevant four year undergraduate degree with Honours or its equivalent at a high standard.

COURSE STRUCTURE

The PhD is a research based degree with a maximum duration of 4 years (full time) and 8 years (part time). As well as enrolling in Research Thesis units Doctor of Philosophy (Science) students will be required to complete two coursework units, ROP8001 and ROP8002. An average result of 70% is required in the compulsory coursework units in order to proceed to candidature confirmation. Ongoing progression is subject to policy and procedures for candidature management as per the VU HDR Policy.

Coursework Units

ROP8001 Conceptualising and Contextualising Research
ROP8002 Research Integrity and Ethics
BEC8900 Economics (Full-Time) 48
BEC8901 Economics (Part-Time) 24

Doctor of Philosophy (Integrated)

Course Code: UPCA
Campus: Footscray Nicholson, Footscray Park, St Albans.

About this course: Doctor of Philosophy (Integrated) in Creative Arts. The Doctor of Philosophy (Integrated) is a four-year program of research designed for students who lack the previous research training and/or experience to gain entry to a traditional Doctor of Philosophy (PhD). The Doctor of Philosophy (Integrated) allows students to undertake intensive research training in Year 1 and then to conduct further original research in Years 2-4 leading to the completion of their doctoral degree within the normal 4-year period, and to the award of Doctor of Philosophy. Students are under the guidance of an experienced research supervisory team throughout the course. Year 1 of the Doctor of Philosophy (Integrated) provides research training units at AQF level 9/10 which prepare and support students in undertaking research in semester 2 of Year 1 of their studies. Upon meeting the hurdle requirement (70% average across the Year 1 coursework units and 70% in the Year 1 thesis), students proceed to Years 2-4 of the doctoral degree, undertaking a further intensive coursework unit designed to supporting them in preparing for Candidature within six months Equivalent Full Time (EFT) of their enrolment in Year 2. Students who achieve a pass mark of 50% or above in all Year 1 units, but do not fulfill the hurdle requirement (70% average across the Year 1 coursework units and 70% in the Year 1 thesis) or do not wish to proceed to Years 2-4 of the Doctor of Philosophy (Integrated), will be eligible for the Master of Research Practice exit award. The Doctor of Philosophy (Integrated) is offered across VU’s research focus areas and the major disciplines of the academic Colleges, which allows the student to conduct original research in an area that is both of interest to the student and of broader significance to the University, industry and the community. The Doctor of Philosophy (Integrated) includes:

- engagement in a substantial research project at the frontier of its field leading to the presentation of a thesis in an approved thesis format for examination against international standards through the University’s approved process for independent examination by at least two external expert examiners.

- a component of required coursework and other opportunities for the development of research, generic and transferable skills through participation in both formal and informal learning.

It promotes the development of research and research-related capabilities, with graduates expected to:
1. demonstrate a scholarly and enquiring mind, and evidence strong capabilities in:

   - research conceptualisation and design including reviewing of the literature
   - the marshalling and critical analysis of data and evidence, and
   - conceptual innovation in order to make a significant new contribution to knowledge and society;
2. demonstrate deep disciplinary immersion and broad interdisciplinary literacy, including methodological literacy; and 3. be a highly competent communicator of their research, including thorough demonstration of the capacity to present and defend their research in a wide variety of contexts such as refereed quality academic outlets appropriate to their field (e.g. ranked journals, good quality academic conferences, thesis, book chapter, monograph) and to less specialist audiences by public presentation. Training is provided to support the development of these research and research-related capabilities in the context of the discipline area, as well as the appropriate generic and transferable skills to allow students to become independent, competent and highly sought-after researchers equipped to pursue a research career in relevant industries and/or to become an academic.

Course Objectives: Graduates of this course have the academic knowledge, skills and attributes necessary to become capable, independent researchers, in order to be able to pursue a research-related or high-level professional career in their industry and/or as a Higher Education academic in their field of studies. The course objectives are to produce graduates who have: 1. expert understanding of a substantial body of theory and its practical application to the frontier of a field of work or learning, including substantial expert knowledge of ethical research principles and methods applicable to the field. 2. intellectual independence and cognitive skills to undertake a systematic investigation, reflect critically on theory and practice and evaluate existing knowledge and ideas, including identifying, evaluating and critically analysing the validity of research studies and their applicability to a research problem. 3. expert cognitive, technical and creative skills to:

- design, develop and implement a research project/s to systematically investigate a research problem.
- develop, adapt and implement research methodologies to extend and redefine existing knowledge.
- manage, analyse, evaluate and interpret data, synthesising key ideas and theorising within the context of key literature.

4. expert communication skills to explain and critique theoretical propositions, methodologies and conclusions; to disseminate and promote new insights; and to cogently present a complex investigation of originality, or original research, both for external examination and to specialist (eg researcher peers) and non-specialist (industry and/or community) audiences through informal interaction, scholarly publications, reports and formal presentations. 5. capacity to reflect on, develop and evaluate strategies for achieving their own learning and career goals. 6. intellectual independence, initiative and creativity in new situations and/or for further learning. 7. ethical practice and full responsibility and accountability for personal outputs. 8. autonomy, authoritative judgement, adaptability and responsibility as an expert and independent scholar.

Careers: Academic and research focused positions in the relevant fields of study.

Course Duration: 4 years

Admission Requirements: Completed a qualification at AQF level 8 or above, typically in a cognate discipline (including a qualification without minor thesis), with Honours or its equivalent at a high standard.

Admission Requirements International: Achieved an IELTS (Academic Module) result with an overall score of 6.5 (no band less than 6) or equivalent and completed a qualification at AQF level 8 or above, typically in a cognate discipline (including a qualification without minor thesis), with Honours or its equivalent at a high standard.

To attain the award of Doctor of Philosophy through undertaking the Doctor of Philosophy (Integrated) students will be required to completed in total 384 credit points consisting of:

- 72 credit points of Core studies in Year 1
- 24 credit points of Elective studies in Year 1
- 288 credit points of Thesis units as per standard PhD

YEAR 1

Core Studies

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Points</th>
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<tbody>
<tr>
<td>UGR7001</td>
<td>Introduction to Research Methodology</td>
<td>12</td>
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<tr>
<td>UGR7002</td>
<td>Research Design and Proposal Development</td>
<td>12</td>
</tr>
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<td>UGR7003</td>
<td>Research Integrity and Ethics</td>
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Thesis Units (36 credit points)

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<th>Course Code</th>
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<tr>
<td>UGR7901</td>
<td>Year One Thesis A (Part-Time)</td>
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<td>UGR7902</td>
<td>Year One Thesis B (Part-Time)</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>UGR7903</td>
<td>Year One Thesis C (Full-Time)</td>
<td>36</td>
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Select 24 credit points (equivalent to 2 units) Elective Studies:

<table>
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<th>Course Title</th>
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<td>UGR7004</td>
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<td>UGR7005</td>
<td>Introduction to Quantitative Research Methods</td>
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<tr>
<td>UGR7006</td>
<td>Enhancing Researcher Knowledge and Skills</td>
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<td>UGR7007</td>
<td>Enhancing Research Capability</td>
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<tr>
<td>UGR7008</td>
<td>English Language for Graduate Researchers</td>
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<td>YEAR 2 - 4</td>
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<tr>
<td>ACR8900</td>
<td>Creative Arts (Full-Time)</td>
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<tr>
<td>ACR8901</td>
<td>Creative Arts (Part-Time)</td>
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</tbody>
</table>

Doctor of Philosophy (Integrated)

Course Code: UPDA

Campus: Footscray Park, City Queen, St Albans.

About this course: Doctor of Philosophy (Integrated) in Education The Doctor of Philosophy (Integrated) is a four-year program of research designed for students who lack the previous research training and/or experience to gain entry to a traditional Doctor of Philosophy (PhD). The Doctor of Philosophy (Integrated) allows students to undertake intensive research training in Year 1 and then to conduct further original research in Years 2-4 leading to the completion of their doctoral degree within the normal 4-year period, and to the award of Doctor of Philosophy. Students are under the guidance of an experienced research supervisory team throughout the course.
Year 1 of the Doctor of Philosophy (Integrated) provides research training units at AQF level 9/10 which prepare and support students in undertaking research in semester 2 of Year 1 of their studies. Upon meeting the hurdle requirement (70% average across the Year 1 coursework units and 70% in the Year 1 thesis), students proceed to Years 2-4 of the doctoral degree, undertaking a further intensive coursework unit designed to support them in preparing to present for Candidature within six months Equivalent Full Time (EFT) of their enrolment in Year 2. Students who achieve a pass mark of 50% or above in all Year 1 units, but do not fulfil the hurdle requirement (70% average across the Year 1 coursework units and 70% in the Year 1 thesis) or do not wish to proceed to Years 2-4 of the Doctor of Philosophy (Integrated), will be eligible for the Master of Research Practica exit award. The Doctor of Philosophy (Integrated) is offered across VU’s research focus areas and the major disciplines of the academic Colleges, which allows the student to conduct original research in an area that is both of interest to the student and of broader significance to the University, industry and the community. The Doctor of Philosophy (Integrated) includes:

- engagement in a substantial research project at the frontier of its field leading to the presentation of a thesis in an approved thesis format for examination against international standards through the University’s approved process for independent examination by at least two external expert examiners.
- a component of required coursework and other opportunities for the development of research, generic and transferable skills through participation in both formal and informal learning.

It promotes the development of research and research-related capabilities, with graduates expected to: 1. demonstrate a scholarly and enquiring mind, and evidence strong capabilities in

- research conceptualisation and design including reviewing of the literature
- the marshalling and critical analysis of data and evidence, and
- conceptual innovation in order to make a significant new contribution to knowledge and society;

2. demonstrate deep disciplinary immersion and broad interdisciplinary literacy, including methodological literacy, and 3. be a highly competent communicator of their research, including through demonstration of the capacity to present and defend their research in a wide variety of contexts such as refereed quality academic outlets appropriate to their field (e.g. ranked journals, good quality academic conferences, thesis, book chapter, monograph) and to less specialist audiences by public presentation. Training is provided to support the development of these research and research-related capabilities in the context of the discipline area, as well as the appropriate generic and transferable skills to allow students to become independent, competent and highly sought-after researchers equipped to pursue a research career in relevant industries and/or to become an academic.

Course Objectives: Graduates of this course have the academic knowledge, skills and attributes necessary to become capable, independent researchers, in order to be able to pursue a research-related or high-level professional career in their industry and/or as a Higher Education academic in their field of studies. The course objectives are to produce graduates who have: 1. expert understanding of a substantial body of theory and its practical application at the frontier of a field of work or learning, including substantial expert knowledge of ethical research principles and methods applicable to the field. 2. intellectual independence and cognitive skills to undertake a systematic investigation, reflect critically on theory and practice and evaluate existing knowledge and ideas, including identifying, evaluating and critically analysing the validity of research studies and their applicability to a research problem. 3. expert cognitive, technical and creative skills to:

- design, develop and implement a research project/s to systematically investigate a research problem.
- develop, adapt and implement research methodologies to extend and redefine existing knowledge.
- manage, analyse, evaluate and interpret data, synthesising key ideas and theorising within the context of key literature.

4. expert communication skills to explain and critique theoretical propositions, methodologies and conclusions; to disseminate and promote new insights; and to cogently present a complex investigation of originality, or original research, both for external examination and to specialist (eg researcher peers) and non-specialist (industry and/or community) audiences through informal interaction, scholarly publications, reports and formal presentations. 5. capacity to reflect on, develop and evaluate strategies for achieving their own learning and career goals. 6. intellectual independence, initiative and creativity in new situations and/or for further learning. 6. intellectual independence, initiative and creativity in new situations and/or for further learning. 7. ethical practice and full responsibility and accountability for personal outputs. 8. autonomy, authoritative judgement, adaptability and responsibility as an expert and independent scholar.

Careers: Academic and research focused positions in the relevant fields of study.  

Course Duration: 4 years

Admission Requirements: Completed a qualification at AQF level 8 or above, typically in a cognate discipline (including a qualification without minor thesis), with Honours or its equivalent at a high standard.

Admission Requirements International: Achieved an IELTS (Academic Module) result with an overall score of 6.5 (no band less than 6) or equivalent and completed a qualification at AQF level 8 or above, typically in a cognate discipline (including a qualification without minor thesis), with Honours or its equivalent at a high standard.

COURSE STRUCTURE

To attain the award of Doctor of Philosophy through undertaking the Doctor of Philosophy (Integrated) students will be required to completed in total 384 credit points consisting of:

- 72 credit points of Core studies in Year 1
- 24 credit points of Elective studies in Year 1
- 288 credit points of Thesis units as per standard PhD

YEAR 1

Core Studies

UGR7001 Introduction to Research Methodology 12
UGR7002 Research Design and Proposal Development 12
UGR7003 Research Integrity and Ethics 12
Thesis Units (36 credit points)

UGR7901 Year One Thesis A (Part-Time) 12
UGR7902 Year One Thesis B (Part-Time) 24
OR
UGR7903 Year One Thesis C (Full-Time) 36

Select 24 credit points (equivalent to 2 units) Elective Studies:

UGR7004 Introduction to Qualitative Research Methods 12
UGR7005 Introduction to Quantitative Research Methods 12
UGR7006 Enhancing Researcher Knowledge and Skills 12
UGR7007 Enhancing Research Capability 12
UGR7008 English Language for Graduate Researchers 12

YEARS 2 - 4

EED8900 Education (Full-Time) 48
EED8901 Education (Part-Time) 24

Doctor of Philosophy (Integrated)

Course Code: UFEA
Campus: Footscray Park, City Flinders.

About this course: Doctor of Philosophy (Integrated) in Economics. The Doctor of Philosophy (Integrated) is a four-year program of research designed for students who lack the previous research training and/or experience to gain entry to a traditional Doctor of Philosophy (PhD). The Doctor of Philosophy (Integrated) allows students to undertake intensive research training in Year 1 and then to conduct further original research in Years 2-4 leading to the completion of their doctoral degree within the normal 4-year period, and to the award of Doctor of Philosophy. Students are under the guidance of an experienced research supervisory team throughout the course. Year 1 of the Doctor of Philosophy (Integrated) provides research training units at AQF level 9/10 which prepare and support students in undertaking research in semester 2 of Year 1 of their studies. Upon meeting the hurdle requirement (70% average across the Year 1 coursework units and 70% in the Year 1 thesis), students proceed to Years 2-4 of the doctoral degree, undertaking a further intensive coursework unit designed to supporting them in preparing to present for Candidature within six months Equivalent Full Time (EFT) of their enrolment in Year 2. Students who achieve a pass mark of 50% or above in all Year 1 units, but do not fulfil the hurdle requirement (70% average across the Year 1 coursework units and 70% in the Year 1 thesis) or do not wish to proceed to Years 2-4 of the Doctor of Philosophy (Integrated), will be eligible for the Master of Research Practice exit award. The Doctor of Philosophy (Integrated) is offered across VU’s research focus areas and the major disciplines of the academic Colleges, which allows the student to conduct original research in an area that is both of interest to the student and of broader significance to the University, industry and the community. The Doctor of Philosophy (Integrated) includes:

- engagement in a substantial research project at the frontier of its field leading to the presentation of a thesis in an approved thesis format for examination against international standards through the University’s approved process for independent examination by at least two external expert examiners.

- a component of required coursework and other opportunities for the development of research, generic and transferable skills through participation in both formal and informal learning.

It promotes the development of research and research-related capabilities, with graduates expected to:

- research conceptualisation and design including reviewing of the literature
- the marshalling and critical analysis of data and evidence, and
- conceptual innovation in order to make a significant new contribution to knowledge and society;

2. demonstrate deep disciplinary immersion and broad interdisciplinary literacy, including methodological literacy; and
3. be a highly competent communicator of their research, including through demonstration of the capacity to present and defend their research in a wide variety of contexts such as refereed quality academic outlets appropriate to their field (e.g. ranked journals, good quality academic conferences, thesis, book chapter, monograph) and to less specialist audiences by public presentation. Training is provided to support the development of these research and research-related capabilities in the context of the discipline area, as well as the appropriate generic and transferable skills to allow students to become independent, competent and highly sought-after researchers equipped to pursue a research career in relevant industries and/or to become an academic.

Course Objectives: Graduates of this course have the academic knowledge, skills and attributes necessary to become capable, independent researchers, in order to be able to pursue a research-related or high-level professional career in their industry and/or as a Higher Education academic in their field of study. The course objectives are to produce graduates who have:

1. expert understanding of a substantial body of theory and its practical application at the frontier of a field of work or learning, including substantial expert knowledge of ethical research principles and methods applicable to the field.
2. intellectual independence and cognitive skills to undertake a systematic investigation, reflect critically on theory and practice and evaluate existing knowledge and ideas, including identifying, evaluating and critically analysing the validity of research studies and their applicability to a research problem.
3. expert cognitive, technical and creative skills to:

- design, develop and implement a research project/s to systematically investigate a research problem.
- develop, adapt and implement research methodologies to extend and redefine existing knowledge.
- manage, analyse, evaluate and interpret data, synthesising key ideas and theorising within the context of key literature.

4. expert communication skills to explain and critique theoretical propositions, methodologies and conclusions; to disseminate and promote new insights; and to cogently present a complex investigation of originality, or original research, both for external examination and to specialist (e.g. researcher peers) and non-specialist
Doctoral Degree in Education

The Doctoral Degree (PhD) is an advanced research program offered across VU’s research focus areas and the major disciplines of the academic Colleges, which allows the student to conduct original research in an area that is both of interest to the student and of broader significance to the University, industry and the community, with the assistance of an experienced research supervision team. The PhD includes:

- engagement in a substantial research project at the frontier of its field leading to the presentation of a thesis in an approved thesis format for examination against international standards through the University’s approved process for independent examination by at least two external expert examiners.
- a component of required coursework usually undertaken in the first semester of the program (full-time students) and the first year (part-time students), and other opportunities for the development of research generic and transferable skills through participation in both formal and informal learning.

It promotes the development of research and research-related capabilities, with graduates expected to:

1. demonstrate a scholarly and enquiring mind, and evidence strong capabilities in
   - research conceptualisation and design including reviewing of the literature
   - the marshalling and critical analysis of data and evidence, and conceptual innovation in order to make a significant new contribution to knowledge and society;
2. demonstrate deep disciplinary immersion and broad interdisciplinary literacy, including methodological literacy; and
3. be a highly competent communicator of their research, including through demonstration of the capacity to present and defend their research in a wide variety of contexts such as refereed quality academic outlets, appropriate to their field (eg ranked journals, good quality academic conferences, thesis, book chapter, monograph) and to less specialist audiences by public presentation. Training is provided to support the development of these research and research-related capabilities in the context of the discipline area, as well as the appropriate generic and transferable skills to allow students to become independent, competent and highly sought after researchers equipped to pursue a research career in relevant industries and/or to become an academic.

Course Objectives: Graduates of this course have the academic knowledge, skills and attributes necessary to become capable, independent researchers, in order to be able to pursue a research-related or high-level professional career in their industry and/or...
as a Higher Education academic in their field of studies. The course objectives are to produce graduates who have:

- expert understanding of a substantial body of theory and its practical application at the frontier of a field of work or learning, including substantial expert knowledge of ethical research principles and methods applicable to the field.
- intellectual independence and cognitive skills to undertake a systematic investigation, reflect critically on theory and practice and evaluate existing knowledge and ideas, including identifying, evaluating and critically analysing the validity of research studies and their applicability to a research problem.
- expert cognitive, technical and creative skills to:
- develop, design, develop and implement a research project/s to systematically investigate a research problem.
- develop, adapt and implement research methodologies to extend and redefine existing knowledge.
- manage, analyse, evaluate and interpret data, synthesisising key ideas and theorising within the context of key literature.
- expert communication skills to explain and critique theoretical propositions, methodologies and conclusions; to disseminate and promote new insights; and to cogently present a complex investigation of originality, or original research, both for external examination and to specialist (eg researcher peers) and non-specialist (industry and/or community) audiences through informal interaction, scholarly publications, reports and formal presentations.
- capacity to reflect on, develop and evaluate strategies for achieving their own learning and career goals.
- intellectual independence, initiative and creativity in new situations and/or for further learning.
- ethical practice and full responsibility and accountability for personal outputs.
- autonomy, authoritative judgement, adaptability and responsibility as an expert and independent scholar.

**Careers:** Academic and research focused positions in the relevant fields of study.

**Course Duration:** 4 years

**Admission Requirements:** Completed a relevant Masters degree or four year undergraduate degree with Honours or its equivalent at a high standard.

**Admission Requirements International:** Achieved an IELTS (Academic Module) result with an overall score of 6.5 (no band less than 6) or equivalent and completed a Masters degree or a relevant four year undergraduate degree with Honours or its equivalent at a high standard.

**COURSE STRUCTURE**

The PhD is a research based degree with a maximum duration of 4 years (full time) and 8 years (part time). As well as enrolling in Research Thesis units Doctor of Philosophy (Science) students will be required to complete two coursework units, ROP8001 and ROP8002. An average result of 70% is required in the compulsory coursework units in order to proceed to candidature confirmation. Ongoing progression is subject to policy and procedures for candidature management as per the VU HDR Policy.

**Coursework Units**

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<th>Title</th>
<th>Full-Time</th>
<th>Part-Time</th>
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<tr>
<td>EED9001</td>
<td>Conceptualising and Contextualising Research</td>
<td>48</td>
<td>24</td>
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<tr>
<td>EED9002</td>
<td>Research Integrity and Ethics</td>
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**Doctor of Philosophy (Integrated)**

**Course Code:** UPFA

**Campus:** Werribee, Footscray Park, St Albans.

**About this course:** Doctor of Philosophy (Integrated) in Food Sciences and Technology The Doctor of Philosophy (Integrated) is a four-year program of research designed for students who lack the previous research training and/or experience to gain entry to a traditional Doctor of Philosophy (PhD). The Doctor of Philosophy (Integrated) allows students to undertake intensive research training in Year 1 and then to conduct further original research in Years 2-4 leading to the completion of their doctoral degree within the normal 4-year period, and to the award of Doctor of Philosophy. Students are under the guidance of an experienced research supervisory team throughout the course. Year 1 of the Doctor of Philosophy (Integrated) provides research training units at AQF level 9/10 which prepare and support students in undertaking research in semester 2 of Year 1 of their studies. Upon meeting the hurdle requirement (70% average across the Year 1 coursework units and 70% in the Year 1 thesis), students proceed to Years 2-4 of the doctoral degree, undertaking a further intensive coursework unit designed to supporting them in preparing to present for Candidature within six months (Equivalent Full Time) (EFT) of their enrolment in Year 2. Students who achieve a pass mark of 50% or above in all Year 1 units, but do not fulfil the hurdle requirement (70% average across the Year 1 coursework units and 70% in the Year 1 thesis) or do not wish to proceed to Years 2-4 of the Doctor of Philosophy (Integrated), will be eligible for the Master of Research Practice exit award. The Doctor of Philosophy (Integrated) is offered across VU’s research focus areas and the major disciplines of the academic Colleges, which allows the student to conduct original research in an area that is both of interest to the student and of broader significance to the University, industry and the community. The Doctor of Philosophy (Integrated) includes:

- engagement in a substantial research project at the frontier of its field leading to the presentation of a thesis in an approved thesis format for examination against international standards through the University’s approved process for independent examination by at least two external expert examiners.
- a component of required coursework and other opportunities for the development of research, generic and transferable skills through participation in both formal and informal learning.

It promotes the development of research and research-related capabilities, with graduates expected to: 1. demonstrate a scholarly and enquiring mind, and evidence strong capabilities in
- research conceptualisation and design including reviewing of the literature
- the marshalling and critical analysis of data and evidence, and
- conceptual innovation in order to make a significant new contribution to knowledge and society;

2. demonstrate deep disciplinary immersion and broad interdisciplinary literacy, including methodological literacy; and 3. be a highly competent communicator of their research, including through demonstration of the capacity to present and defend their research in a wide variety of contexts such as refereed quality academic outlets appropriate to their field (eg ranked journals, good quality academic conferences, thesis, book chapter, monograph) and to less specialist audiences by public presentation. Training is provided to support the development of these research and research-related capabilities in the context of the discipline area, as well as the appropriate generic and transferable skills to allow students to become independent, competent and highly sought-after researchers equipped to pursue a research career in relevant industries and/or to become an academic.

Course Objectives: Graduates of this course have the academic knowledge, skills and attributes necessary to become capable, independent researchers, in order to be able to pursue a research-related or high-level professional career in their industry and/or as a Higher Education academic in their field of studies. The course objectives are to produce graduates who have: 1. expert understanding of a substantial body of theory and its practical application at the frontier of a field of work or learning, including substantial expert knowledge of ethical research principles and methods applicable to the field. 2. intellectual independence and cognitive skills to undertake a systematic investigation, reflect critically on theory and practice and evaluate existing knowledge and ideas, including identifying, evaluating and critically analysing the validity of research studies and their applicability to a research problem. 3. expert cognitive, technical and creative skills to:

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- develop, adapt and implement research methodologies to extend and redefine existing knowledge.
- manage, analyse, evaluate and interpret data, synthesising key ideas and theorising within the context of key literature.

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Careers: Academic and research focused positions in the relevant fields of study.

Course Duration: 4 years

Admission Requirements: Completed a qualification at AQF level 8 or above, typically in a cognate discipline (including a qualification without minor thesis), with Honours or its equivalent at a high standard.

Admission Requirements International: Achieved an IELTS (Academic Module) result with an overall score of 6.5 (no band less than 6) or equivalent and completed a qualification at AQF level 8 or above, typically in a cognate discipline (including a qualification without minor thesis), with Honours or its equivalent at a high standard.

COURSE STRUCTURE

To attain the award of Doctor of Philosophy through undertaking the Doctor of Philosophy (Integrated) students will be required to completed in total 384 credit points consisting of:

- 72 credit points of Core studies in Year 1
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- 288 credit points of Thesis units as per standard PhD

YEAR 1

Core Studies

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<td>UGR7003</td>
<td>Research Integrity and Ethics</td>
<td>12</td>
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Thesis Units (36 credit points)

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<tbody>
<tr>
<td>UGR7904</td>
<td>Year One Thesis D (Part-Time)</td>
<td>12</td>
</tr>
<tr>
<td>UGR7905</td>
<td>Year One Thesis E (Part-Time)</td>
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OR

<table>
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<tbody>
<tr>
<td>UGR7906</td>
<td>Year One Thesis F (Full-Time)</td>
<td>36</td>
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</table>

Select 24 credit points (equivalent to 2 units) Elective Studies:

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<tbody>
<tr>
<td>UGR7004</td>
<td>Introduction to Qualitative Research Methods</td>
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<tr>
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<td>Introduction to Quantitative Research Methods</td>
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<tr>
<td>UGR7006</td>
<td>Enhancing Researcher Knowledge and Skills</td>
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<td>UGR7007</td>
<td>Enhancing Research Capability</td>
<td>12</td>
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<tr>
<td>UGR7008</td>
<td>English Language for Graduate Researchers</td>
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YEARS 2 - 4

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<td>HFS8901</td>
<td>Food Sciences and Technology (Part-Time)</td>
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Doctor of Philosophy (Integrated)

Course Code: UPGA
Campus: Werribee, Footscray Park.
About this course:
The Doctor of Philosophy (Integrated) is a four-year program of research designed for students who lack the previous research training and/or experience to gain entry to a traditional Doctor of Philosophy (PhD). The Doctor of Philosophy (Integrated) allows students to undertake intensive research training in Year 1 and then to conduct further original research in Years 2-4 leading to the completion of their doctoral degree within the normal 4-year period, and to the award of Doctor of Philosophy. Students are under the guidance of an experienced research supervisory team throughout the course. Year 1 of the Doctor of Philosophy (Integrated) provides research training units at AQF level 9/10 which prepare and support students in undertaking research in semester 2 of Year 1 of their studies. Upon meeting the hurdle requirement (70% average across the Year 1 coursework units and 70% in the Year 1 thesis), students proceed to Years 2-4 of the doctoral degree, undertaking a further intensive coursework unit designed to supporting them in preparing to present for Candidature within six months Equivalent Full Time (EFT) of their enrolment in Year 2. Students who achieve a pass mark of 50% or above in all Year 1 units, but do not fulfil the hurdle requirement (70% average across the Year 1 coursework units and 70% in the Year 1 thesis) or do not wish to proceed to Years 2-4 of the Doctor of Philosophy (Integrated), will be eligible for the Master of Research Practice exit award. The Doctor of Philosophy (Integrated) is offered across U’s research focus areas and the major disciplines of the academic Colleges, which allows the student to conduct original research in an area that is both of interest to the student and of broader significance to the University, industry and the community. The Doctor of Philosophy (Integrated) includes:

- engagement in a substantial research project at the frontier of its field leading to the presentation of a thesis in an approved thesis format for examination against international standards through the University’s approved process for independent examination by at least two external expert examiners.
- a component of required coursework and other opportunities for the development of research, generic and transferable skills through participation in both formal and informal learning.

It promotes the development of research and research-related capabilities, with graduates expected to: 1. demonstrate a scholarly and enquiring mind, and evidence strong capabilities in

- research conceptualisation and design including reviewing of the literature
- the marshalling and critical analysis of data and evidence, and
- conceptual innovation in order to make a significant new contribution to knowledge and society;

2. demonstrate deep disciplinary immersion and broad interdisciplinary literacy, including methodological literacy, and 3. be a highly competent communicator of their research, including through demonstration of the capacity to present and defend their research in a wide variety of contexts such as refereed quality academic outlets appropriate to their field (eg ranked journals, good quality academic conferences, thesis, book chapter, monograph) and to less specialist audiences by public presentation. Training is provided to support the development of these research and research-related capabilities in the context of the discipline area, as well as the appropriate generic and transferable skills to allow students to become independent, competent and highly sought after researchers equipped to pursue a research career in relevant industries and/or to become an academic.

Course Objectives:
Graduates of this course have the academic knowledge, skills and attributes necessary to become capable, independent researchers, in order to be able to pursue a research-related or high-level professional career in their industry and/or as a Higher Education academic in their field of studies. The course objectives are to produce graduates who have: 1. expert understanding of a substantial body of theory and its practical application at the frontier of a field of work or learning, including substantial expert knowledge of ethical research principles and methods applicable to the field. 2. intellectual independence and cognitive skills to undertake a systematic investigation, reflect critically on theory and practice and evaluate existing knowledge and ideas, including identifying, evaluating and critically analysing the validity of research studies and their applicability to a research problem. 3. expert cognitive, technical and creative skills to:

- design, develop and implement a research project/s to systematically investigate a research problem.
- develop, adapt and implement research methodologies to extend and redefine existing knowledge.
- manage, analyse, evaluate and interpret data, synthesising key ideas and theorising within the context of key literature.

4. expert communication skills to explain and critique theoretical propositions, methodologies and conclusions; to disseminate and promote new insights; and to cogently present a complex investigation of originality, or original research, both for external examination and to specialist (eg researcher peers) and non-specialist (industry and/or community) audiences through informal interaction, scholarly publications, reports and formal presentations. 5. capacity to reflect on, develop and evaluate strategies for achieving their own learning and career goals. 6. intellectual independence, initiative and creativity in new situations and/or for further learning. 7. ethical practice and full responsibility and accountability for personal outputs. 8. autonomy, authoritative judgement, adaptability and responsibility as an expert and independent scholar.

Careers:
Academic and research focused positions in the relevant fields of study.

Course Duration: 4 years

Admission Requirements:
Completed a qualification at AQF level 8 or above, typically in a cognate discipline (including a qualification without minor thesis), with Honours or its equivalent at a high standard.

Admission Requirements International:
Achieved an IELTS (Academic Module) result with an overall score of 6.5 (no band less than 6) or equivalent and completed a qualification at AQF level 8 or above, typically in a cognate discipline (including a qualification without minor thesis), with Honours or its equivalent at a high standard.

Course Structure
To attain the award of Doctor of Philosophy through undertaking the Doctor of Philosophy (Integrated) students will be required to completed in total 384 credit points consisting of:

- 72 credit points of Core studies in Year 1
- 24 credit points of Elective studies in Year 1
- 288 credit points of Thesis units as per standard PhD

Year 1
The Doctor of Philosophy (Integrated) is a four-year program of research designed for students who lack the previous research training and/or experience to gain entry to a traditional Doctor of Philosophy (PhD). The Doctor of Philosophy (Integrated) allows students to undertake intensive research training in Year 1 and then to conduct further original research in Years 2-4 leading to the completion of their doctoral degree within the normal 4-year period, and to the award of Doctor of Philosophy. Students are under the guidance of an experienced research supervisory team throughout the course. Year 1 of the Doctor of Philosophy (Integrated) provides research training units at AQF level 9/10 which prepare and support students in undertaking research in semester 2 of Year 1 of their studies. Upon meeting the hurdle requirement (70% average across the Year 1 coursework units and 70% in the Year 1 thesis), students proceed to Years 2-4 of the doctoral degree, undertaking a further intensive coursework unit designed to supporting them in preparing to present for Candidature within six months Equivalent Full Time (EFT) of their enrolment in Year 2. Students who achieve a pass mark of 50% or above in all Year 1 units, but do not fulfil the hurdle requirement (70% average across the Year 1 coursework units and 70% in the Year 1 thesis) or do not wish to proceed to Years 2-4 of the Doctor of Philosophy (Integrated), will be eligible for the Master of Research Practice exit award. The Doctor of Philosophy (Integrated) is offered across VU’s research focus areas and the major disciplines of the academic Colleges, which allows the student to conduct original research in an area that is both of interest to the student and of broader significance to the University, industry and the community. The Doctor of Philosophy (Integrated) includes:

- engagement in a substantial research project at the frontier of its field leading to the presentation of a thesis in an approved thesis format for examination against international standards through the University’s approved process for independent examination by at least two external expert examiners.
- a component of required coursework and other opportunities for the development of research, generic and transferable skills through participation in both formal and informal learning.

It promotes the development of research and research-related capabilities, with graduates expected to: 1. demonstrate a scholarly and enquiring mind, and evidence strong capabilities in

- research conceptualisation and design including reviewing of the literature
- the marshalling and critical analysis of data and evidence, and
- conceptual innovation in order to make a significant new contribution to knowledge and society;

2. demonstrate deep disciplinary immersion and broad interdisciplinary literacy, including methodological literacy; and 3. be a highly competent communicator of their research, including through demonstration of the capacity to present and defend their research in a wide variety of contexts such as refereed quality academic outlets appropriate to their field (eg ranked journals, good quality academic conferences, thesis, book chapter, monograph) and to less specialist audiences by public presentation. Training is provided to support the development of these research and research-related capabilities in the context of the discipline area, as well as the appropriate generic and transferable skills to allow students to become independent, competent and highly sought-after researchers equipped to pursue a research career in relevant industries and/or to become an academic.

Course Objectives: Graduates of this course have the academic knowledge, skills and attributes necessary to become capable, independent researchers, in order to be able to pursue a research-related or high-level professional career in their industry and/or as a Higher Education academic in their field of studies. The course objectives are to produce graduates who have: 1. expert understanding of a substantial body of theory and its practical application at the frontier of a field of work or learning, including substantial expert knowledge of ethical research principles and methods applicable to the field, 2. intellectual independence and cognitive skills to undertake a systematic investigation, reflect critically on theory and practice and evaluate existing knowledge and ideas, including identifying, evaluating and critically analysing the validity of research studies and their applicability to a research problem. 3. expert cognitive, technical and creative skills to:

- design, develop and implement a research project/s to systematically investigate a research problem.
- develop, adapt and implement research methodologies to extend and redefine existing knowledge.
4. expert communication skills to explain and critique theoretical propositions, methodologies and conclusions; to disseminate and promote new insights; and to cogently present a complex investigation of originality, or original research, both for external examination and to specialist (eg researcher peers) and non-specialist (industry and/or community) audiences through informal interaction, scholarly publications, reports and formal presentations. 5. capacity to reflect on, develop and evaluate strategies for achieving their own learning and career goals. 6. intellectual independence, initiative and creativity in new situations and/or for further learning. 7. ethical practice and full responsibility and accountability for personal outputs. 8. autonomy, authoritative judgement, adaptability and responsibility as an expert and independent scholar.

Careers: Academic and research focused positions in the relevant fields of study.

Course Duration: 4 years

Admission Requirements: Completed a qualification at AQF level 8 or above, typically in a cognate discipline (including a qualification without minor thesis), with Honours or its equivalent at a high standard.

Admission Requirements International: Achieved an IELTS (Academic Module) result with an overall score of 6.5 (no band less than 6) or equivalent at a high standard.

COURSE STRUCTURE

To attain the award of Doctor of Philosophy through undertaking the Doctor of Philosophy (Integrated) students will be required to completed in total 384 credit points consisting of:

- 72 credit points of Core studies in Year 1
- 24 credit points of Elective studies in Year 1
- 288 credit points of Thesis units as per standard PhD

YEAR 1

Core Studies

UGR7001 Introduction to Research Methodology 12
UGR7002 Research Design and Proposal Development 12
UGR7003 Research Integrity and Ethics 12

Thesis Units (36 credit points)

UGR7904 Year One Thesis D (Part-Time) 12
UGR7905 Year One Thesis E (Part-Time) 24
OR
UGR7906 Year One Thesis F (Full-Time) 36

Select 24 credit points (equivalent to 2 units) Elective Studies:

UGR7004 Introduction to Qualitative Research Methods 12
UGR7005 Introduction to Quantitative Research Methods 12
UGR7006 Enhancing Researcher Knowledge and Skills 12
UGR7007 Enhancing Research Capability 12
UGR7008 English Language for Graduate Researchers 12

YEAR 2 - 4

SHM8900 Human Movement (Full-Time) 48
SHM8901 Human Movement (Part-Time) 24

Doctor of Philosophy

Course Code: UPHF

Campus: Werribee, St Albans.

About this course: Doctoral degree in Food Sciences and Technology The Doctoral Degree (PhD) is an advanced research program offered across VU’s research focus areas and the major disciplines of the academic Colleges, which allows the student to conduct original research in an area that is both of interest to the student and of broader significance to the University, industry and the community, with the assistance of an experienced research supervisory team. The PhD includes:

- engagement in a substantial research project at the frontier of its field leading to the presentation of a thesis in an approved thesis format for examination against international standards through the University’s approved process for independent examination by at least two external expert examiners.
- a component of required coursework usually undertaken in the first semester of the program (full-time students) and the first year (part-time students), and other opportunities for the development of research, generic and transferable skill through participation in both formal and informal learning.

It promotes the development of research and research-related capabilities, with graduates expected to:

1. demonstrate a scholarly and enquiring mind, and evidence strong capabilities in:
   - research conceptualisation and design including reviewing of the literature
   - the marshalling and critical analysis of data and evidence, and
   - conceptual innovation in order to make a significant new contribution to knowledge and society;

2. demonstrate deep disciplinary immersion and broad interdisciplinary literacy, including methodological literacy; and be a highly competent communicator of their research, including through demonstration of the capacity to present and defend their research in a wide variety of contexts such as refereed quality academic outlets appropriate to their field (eg ranked pumels, good quality academic conferences, thesis, book chapter, monograph) and to less specialist audiences by public presentation. Training is provided to support the development of these research and
research-related capabilities in the context of the discipline area, as well as the
appropriate generic and transferable skills to allow students to become independent,
competent and highly sought after researchers equipped to pursue a research career in
relevant industries and/or to become an academic.

**Course Objectives:** Graduates of this course have the academic knowledge, skills and
attributes necessary to become capable, independent researchers, in order to be able
to pursue a research-related or high-level professional career in their industry and/or
as a Higher Education academic in their field of studies. The course objectives are to
produce graduates who have:

- expert understanding of a substantial body of theory and its practical
  application at the frontier of a field of work or learning, including
  substantial expert knowledge of ethical research principles and methods
  applicable to the field.
- intellectual independence and cognitive skills to undertake a systematic
  investigation, reflect critically on theory and practice and evaluate
  existing knowledge and ideas, including identifying, evaluating and
  critically analysing the validity of research studies and their applicability
to a research problem.
- expert cognitive, technical and creative skills to:
  - design, develop and implement a research project/s to systematically
    investigate a research problem.
  - develop, adapt and implement research methodologies to extend and
    redefine existing knowledge.
  - manage, analyse, evaluate and interpret data, synthesising key ideas
    and theorising within the context of key literature.
  - expert communication skills to explain and critique theoretical
    propositions, methodologies and conclusions; to disseminate and
    promote new insights; and to cogently present a complex investigation
    of originality, or original research, both for external examination and to
    specialist (eg researcher peers) and non-specialist (industry and/or
    community) audiences through informal interaction, scholarly
    publications, reports and formal presentations.
- capacity to reflect on, develop and evaluate strategies for achieving their
  own learning and career goals.
- intellectual independence, initiative and creativity in new situations
  and/or for further learning.
- ethical practice and full responsibility and accountability for personal
  outputs.
- autonomy, authoritative judgement, adaptability and responsibility as an
  expert and independent scholar.

**Careers:** Academic and research focused positions in the relevant fields of study.

**Course Duration:** 4 years

**Admission Requirements:** Completed a relevant Masters degree or four year
undergraduate degree with Honours or its equivalent at a high standard.

**Admission Requirements International:** Achieved an IELTS, (Academic Module) result
with an overall score of 6.5 (no band less than 6) or equivalent and completed a
Masters degree or a relevant four year undergraduate degree with Honours or its
equivalent at a high standard.

**COURSE STRUCTURE**

The PhD is a research based degree with a maximum duration of 4 years (full time)
and 8 years (part time). As well as enrolling in Research Thesis units Doctor of
Philosophy (Science) students will be required to complete two coursework units,
ROP8001 and ROP8002. An average result of 70% is required in the compulsory
coursework units in order to proceed to candidature confirmation. Ongoing
progression is subject to policy and procedures for candidature management as per
the VU HDR Policy.

**Coursework Units**

- ROP8001 Conceptualising and Contextualising Research
- ROP8002 Research Integrity and Ethics
- HFS8900 Food Sciences and Technology (Full-Time) 48
- HFS8901 Food Sciences and Technology (Part-Time) 24

**Doctor of Philosophy**

**Course Code:** UPHM

**Campus:** Werribee, St Albans.

**About this course:** Doctoral degree in Medical and Biological Sciences The Doctoral
Degree (PhD) is an advanced research program offered across VU’s research focus
areas and the major disciplines of the academic Colleges, which allows the student to
conduct original research in an area that is both of interest to the student and of
broader significance to the University, industry and the community, with
the assistance of an experienced research supervisory team. The PhD includes:

- engagement in a substantial research project at the frontier of its field
  leading to the presentation of a thesis in an approved thesis format for
  examination against international standards through the University’s
  approved process for independent examination by at least two external
  expert examiners.
- a component of required coursework usually undertaken in the first
  semester of the program (full time students) and the first year (part-
time students), and other opportunities for the development of research,
  generic and transferable skills through participation in both formal and
  informal learning.

It promotes the development of research and research-related capabilities, with
graduates expected to:

1. demonstrate a scholarly and enquiring mind, and
evidence strong capabilities in

- research conceptualisation and design including reviewing of the
  literature
- the marshalling and critical analysis of data and evidence, and
- conceptual innovation in order to make a significant new contribution to
  knowledge and society;

2. demonstrate deep disciplinary immersion and broad interdisciplinary literacy,
including methodological literacy; and 3. be a highly competent communicator of
their research, including through demonstration of the capacity to present and defend
their research in a wide variety of contexts such as refereed quality academic outlets
appropriate to their field (eg ranked journals, good quality academic conferences,
thesis, book chapter, monograph) and to less specialist audiences by public presentation. Training is provided to support the development of these research and research-related capabilities in the context of the discipline area, as well as the appropriate generic and transferable skills to allow students to become independent, competent and highly sought after researchers equipped to pursue a research career in relevant industries and/or to become an academic.

**Course Objectives:** Graduates of this course have the academic knowledge, skills and attributes necessary to become capable, independent researchers, in order to be able to pursue a research-related or high-level professional career in their industry and/or as a Higher Education academic in their field of study. The course objectives are to produce graduates who have:

- expert understanding of a substantial body of theory and its practical application at the frontier of a field of work or learning, including substantial expert knowledge of ethical research principles and methods applicable to the field.
- intellectual independence and cognitive skills to undertake a systematic investigation, reflect critically on theory and practice and evaluate existing knowledge and ideas, including identifying, evaluating and critically analysing the validity of research studies and their applicability to a research problem.
- expert cognitive, technical and creative skills to:
  - design, develop and implement a research project/s to systematically investigate a research problem.
  - develop, adapt and implement research methodologies to extend and redefine existing knowledge.
  - manage, analyse, evaluate and interpret data, synthesising key ideas and theorising within the context of key literature.
- expert communication skills to explain and critique theoretical propositions, methodologies and conclusions; to disseminate and promote new insights; and to cogently present a complex investigation of originality, or original research, both for external examination and to specialist (eg researcher peers) and non-specialist (industry and/or community) audiences through informal interaction, scholarly publications, reports and formal presentations.
- capacity to reflect on, develop and evaluate strategies for achieving their own learning and career goals.
- intellectual independence, initiative and creativity in new situations and/or for further learning.
- ethical practice and full responsibility and accountability for personal outputs.
- autonomy, authoritative judgement, adaptability and responsibility as an expert and independent scholar.

**Careers:** Academic and research focused positions in the relevant fields of study.

**Course Duration:** 4 years

**Admission Requirements:**

- Completed a relevant Masters degree or a relevant four year undergraduate degree with Honours or its equivalent at a high standard.

**Admission Requirements International:** Achieved an IELTS, (Academic Module) result with an overall score of 6.5 (no band less than 6) or equivalent and completed a Masters degree or a relevant four year undergraduate degree with Honours or its equivalent at a high standard.

**COURSE STRUCTURE**

The PhD is a research based degree with a maximum duration of 4 years (full time) and 8 years (part time). As well as enrolling in Research Thesis units Doctor of Philosophy (Science) students will be required to complete two coursework units, ROP8001 and ROP8002. An average result of 70% is required in the compulsory coursework units in order to proceed to candidature confirmation. Ongoing progression is subject to policy and procedures for candidature management as per the VU HDR Policy.

**Coursework Units**

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<thead>
<tr>
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<th>Course Title</th>
<th>Credits</th>
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<td>ROP8001</td>
<td>Conceptualising and Contextualising Research</td>
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<tr>
<td>ROP8002</td>
<td>Research Integrity and Ethics</td>
<td>24</td>
</tr>
<tr>
<td>HMBB900</td>
<td>Medical and Biological Sciences (Full-Time)</td>
<td>48</td>
</tr>
<tr>
<td>HMBB901</td>
<td>Medical and Biological Sciences (Part-Time)</td>
<td>24</td>
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</table>

**Doctor of Philosophy**

**Course Code:** 0PHN

**Campus:** St Albans.

**About this course:** Doctoral degree in Nursing and Midwifery. The Doctoral Degree (PhD) is an advanced research program offered across VU's research focus areas and the major disciplines of the academic Colleges, which allows the student to conduct original research in an area that is both of interest to the student and of broader significance to the University, industry and the community, with the assistance of an experienced research supervisory team. The PhD includes:

- engagement in a substantial research project at the frontier of its field leading to the presentation of a thesis in an approved thesis format for examination against international standards through the University’s approved process for independent examination by at least two external expert examiners.
- a component of required coursework usually undertaken in the first semester of the program (full-time students) and the first year (part-time students), and other opportunities for the development of research, generic and transferable skills through participation in both formal and informal learning.

It promotes the development of research and research-related capabilities, with graduates expected to: 1. demonstrate a scholarly and enquiring mind, and evidence strong capabilities in

- research conceptualisation and design including reviewing of the literature
- the marshalling and critical analysis of data and evidence, and conceptual innovation in order to make a significant new contribution to knowledge and society;

2. demonstrate deep disciplinary immersion and broad interdisciplinary literacy, including methodological literacy; and 3. be a highly competent communicator of
their research, including through demonstration of the capacity to present and defend their research in a wide variety of contexts such as refereed quality academic outlets appropriate to their field (eg ranked journals, good quality academic conferences, thesis, book chapter, monograph) and to less specialist audiences by public presentation. Training is provided to support the development of these research and research-related capabilities in the context of the discipline area, as well as the appropriate generic and transferable skills to allow students to become independent, competent and highly sought-after researchers equipped to pursue a research career in relevant industries and/or to become an academic.

Course Objectives: Graduates of this course have the academic knowledge, skills and attributes necessary to become capable, independent researchers, in order to be able to pursue a research-related or high-level professional career in their industry and/or as a Higher Education academic in their field of studies. The course objectives are to produce graduates who have:

- expert understanding of a substantial body of theory and its practical application at the frontier of a field of work or learning, including substantial expert knowledge of ethical research principles and methods applicable to the field.
- intellectual independence and cognitive skills to undertake a systematic investigation, reflect critically on theory and practice and evaluate existing knowledge and ideas, including identifying, evaluating and critically analysing the validity of research studies and their applicability to a research problem.
- expert cognitive, technical and creative skills to:
  - design, develop and implement a research project/s to systematically investigate a research problem.
  - develop, adapt and implement research methodologies to extend and redefine existing knowledge.
  - manage, analyse, evaluate and interpret data, synthesising key ideas and theorising within the context of key literature.
  - expert communication skills to explain and critique theoretical propositions, methodologies and conclusions; to disseminate and promote new insights; and to cogently present a complex investigation in originality, or original research, both for external examination and to specialist (eg researcher peers) and non-specialist (industry and/or community) audiences through informal interaction, scholarly publications, reports and formal presentations.
  - capacity to reflect on, develop and evaluate strategies for achieving their own learning and career goals.
  - intellectual independence, initiative and creativity in new situations and/or for further learning.
  - ethical practice and full responsibility and accountability for personal outputs.
  - autonomy, authoritative judgement, adaptability and responsibility as an expert and independent scholar.

Careers: Academic and research focused positions in the relevant fields of study.

Course Duration: 4 years

Admission Requirements: Completed a relevant Masters degree or four year undergraduate degree with Honours or its equivalent at a high standard.

Admission Requirements International: Achieved an IELTS, (Academic Module) result with an overall score of 6.5 (no band less than 6) or equivalent and completed a Masters degree or a relevant four year undergraduate degree with Honours or its equivalent at a high standard.

Course Structure

The PhD is a research based degree with a maximum duration of 4 years (full time) and 8 years (part time). As well as enrolling in Research Thesis units Doctor of Philosophy (Science) students will be required to complete two coursework units, ROP8001 and ROP8002. An average result of 70% is required in the compulsory coursework units in order to proceed to candidature confirmation. Ongoing progression is subject to policy and procedures for candidature management as per the VU HDR Policy.

Coursework Units

ROP8001 Conceptualising and Contextualising Research
ROP8002 Research Integrity and Ethics
HNMM9000 Nursing and Midwifery Research Thesis (Full-Time) 48
HNMM901 Nursing and Midwifery (Part-Time) 24

Doctor of Philosophy (Integrated)
Course Code: UPA
Campus: Footscray Park.

About this course: Doctor of Philosophy (Integrated) in Information and Mathematical Sciences: The Doctor of Philosophy (Integrated) is a four-year program of research designed for students who lack the previous research training and/or experience to gain entry to a traditional Doctor of Philosophy (PhD). The Doctor of Philosophy (Integrated) allows students to undertake intensive research training in Year 1 and then to conduct further original research in Years 2-4 leading to the completion of their doctoral degree within the normal 4-year period, and to the award of Doctor of Philosophy. Students are under the guidance of an experienced research supervisory team throughout the course. Year 1 of the Doctor of Philosophy (Integrated) provides research training units at AQF level 9/10 which prepare and support students in undertaking research in semester 2 of Year 1 of their studies. Upon meeting the hurdle requirement (70% average across the Year 1 coursework units and 70% in the Year 1 thesis), students proceed to Years 2-4 of the doctoral degree, undertaking a further intensive coursework unit designed to support them in preparing to present for Candidature within six months Equivalent Full Time (EFT) of their enrolment in Year 2. Students who achieve a pass mark of 50% or above in all Year 1 units, but do not fulfil the hurdle requirement (70% average across the Year 1 coursework units and 70% in the Year 1 thesis) or do not wish to proceed to Years 2-4 of the Doctor of Philosophy (Integrated), will be eligible for the Master of Research Practice exit award. The Doctor of Philosophy (Integrated) is offered across VU’s research focus areas and the major disciplines of the academic Colleges, which allows the student to conduct original research in an area that is of both interest to the student and of broader significance to the University, industry and the community. The Doctor of Philosophy (Integrated) includes:

- engagement in a substantial research project at the frontier of its field leading to the presentation of a thesis in an approved thesis format for
It promotes the development of research and research-related capabilities, with graduates expected to: 1. demonstrate a scholarly and enquiring mind, and evidence strong capabilities in

- research conceptualisation and design including reviewing of the literature
- the marshalling and critical analysis of data and evidence, and
- conceptual innovation in order to make a significant new contribution to knowledge and society;

2. demonstrate deep disciplinary immersion and broad interdisciplinary literacy, including methodological literacy; and 3. be a highly competent communicator of their research, including through demonstration of the capacity to present and defend their research in a wide variety of contexts such as refereed quality academic outlets appropriate to their field (eg ranked journals, good quality academic conferences, thesis, book chapter, monograph) and to less specialist audiences by public presentation. Training is provided to support the development of these research and research-related capabilities in the context of the discipline area, as well as the appropriate generic and transferable skills to allow students to become independent, competent and highly sought after researchers equipped to pursue a research career in relevant industries and/or to become an academic.

Course Objectives: Graduates of this course have the academic knowledge, skills and attributes necessary to become capable, independent researchers, in order to be able to pursue a research-related or high-level professional career in their industry and/or as a Higher Education academic in their field of studies. The course objectives are to produce graduates who have: 1. expert understanding of a substantial body of theory and its practical application at the frontier of a field of work or learning, including substantial expert knowledge of ethical research principles and methods applicable to the field. 2. intellectual independence and cognitive skills to undertake a systematic investigation, reflect critically on theory and practice and evaluate existing knowledge and ideas, including identifying, evaluating and critically analysing the validity of research studies and their applicability to a research problem. 3. expert cognitive, technical and creative skills to:

- design, develop and implement a research project/s to systematically investigate a research problem.
- develop, adapt and implement research methodologies to extend and redefine existing knowledge.
- manage, analyse, evaluate and interpret data, synthesising key ideas and theorising within the context of key literature.

4. expert communication skills to explain and critique theoretical propositions, methodologies and conclusions; to disseminate and promote new insights; and to cogently present a complex investigation of originality, or original research, both for external examination and to specialist (eg researcher peers) and non-specialist (industry and/or community) audiences through informal interaction, scholarly publications, reports and formal presentations. 5. capacity to reflect on, develop and evaluate strategies for achieving their own learning and career goals. 6. intellectual independence, initiative and creativity in new situations and/or for further learning. 7. ethical practice and full responsibility and accountability for personal outputs. 8. autonomy, authoritative judgement, adaptability and responsibility as an expert and independent scholar.

Careers: Academic and research focused positions in the relevant fields of study.

Course Duration: 4 years

Admission Requirements: Completed a qualification at AQF level 8 or above, typically in a cognate discipline (including a qualification without minor thesis), with Honours or its equivalent at a high standard.

Admission Requirements International: Achieved an IELTS (Academic Module) result with an overall score of 6.5 (no band less than 6) or equivalent and completed a qualification at AQF level 8 or above, typically in a cognate discipline (including a qualification without minor thesis), with Honours or its equivalent at a high standard.

COURSE STRUCTURE

To attain the award of Doctor of Philosophy through undertaking the Doctor of Philosophy (Integrated) students will be required to completed in total 384 credit points consisting of:

- 72 credit points of Core studies in Year 1
- 24 credit points of Elective studies in Year 1
- 288 credit points of Thesis units as per standard PhD

YEAR 1

Core Studies

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>UGR7001</td>
<td>Introduction to Research Methodology</td>
<td>12</td>
</tr>
<tr>
<td>UGR7002</td>
<td>Research Design and Proposal Development</td>
<td>12</td>
</tr>
<tr>
<td>UGR7003</td>
<td>Research Integrity and Ethics</td>
<td>12</td>
</tr>
</tbody>
</table>

Thesis Units (36 credit points)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Time</th>
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</thead>
<tbody>
<tr>
<td>UGR7901</td>
<td>Year One Thesis A (Part-Time)</td>
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</tr>
<tr>
<td>UGR7902</td>
<td>Year One Thesis B (Part-Time)</td>
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</tbody>
</table>

OR

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>UGR7903</td>
<td>Year One Thesis C (Full-Time)</td>
<td>36</td>
</tr>
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</table>

Select 24 credit points (equivalent to 2 units) Elective Studies:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Time</th>
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</thead>
<tbody>
<tr>
<td>UGR7004</td>
<td>Introduction to Qualitative Research Methods</td>
<td>12</td>
</tr>
<tr>
<td>UGR7005</td>
<td>Introduction to Quantitative Research Methods</td>
<td>12</td>
</tr>
<tr>
<td>UGR7006</td>
<td>Enhancing Researcher Knowledge and Skills</td>
<td>12</td>
</tr>
<tr>
<td>UGR7007</td>
<td>Enhancing Research Capability</td>
<td>12</td>
</tr>
</tbody>
</table>
The Doctor of Philosophy (Integrated) is offered across VU campuses and is designed for students who wish to undertake intensive research training in Year 1 and then to conduct further original research in Years 2-4 leading to the completion of their doctoral degree within the normal 4-year period, and to the award of Doctor of Philosophy. Students are under the guidance of an experienced research supervisor throughout the course. Year 1 of the Doctor of Philosophy (Integrated) provides research training units at AQF level 9/10 which prepare and support students in undertaking research in semester 2 of Year 1 of their studies. Upon meeting the hurdle requirement (70% average across the Year 1 coursework units and 70% in the Year 1 thesis), students proceed to Years 2-4 of the doctoral degree, undertaking a further intensive coursework unit designed to supporting them in preparing to present for Candidature within six months Equivalent Full Time (EFT) of their enrolment in Year 2. Students who achieve a pass mark of 50% or above in all Year 1 units, but do not fulfil the hurdle requirement (70% average across the Year 1 coursework units and 70% in the Year 1 thesis) or do not wish to proceed to Years 2-4 of the Doctor of Philosophy (Integrated), will be eligible for the Master of Research Practice exit award. The Doctor of Philosophy (Integrated) is offered across VU's research focus areas and the major disciplines of the academic Colleges, which allows the student to conduct original research in an area that is both of interest to the student and of broader significance to the University, industry and the community. The Doctor of Philosophy (Integrated) includes:

- engagement in a substantial research project at the frontier of its field leading to the presentation of a thesis in an approved thesis format for examination against international standards through the University’s approved process for independent examination by at least two external expert examiners.
- a component of required coursework and other opportunities for the development of research, generic and transferable skills through participation in both formal and informal learning.

It promotes the development of research and research-related capabilities, with graduates expected to:

1. demonstrate a scholarly and enquiring mind, and evidence strong capabilities in:
   - research conceptualisation and design including reviewing of the literature
   - the marshalling and critical analysis of data and evidence, and
   - conceptual innovation in order to make a significant new contribution to knowledge and society;

2. demonstrate deep disciplinary immersion and broad interdisciplinary literacy, including methodological literacy; and
3. be a highly competent communicator of their research, including through demonstration of the capacity to present and defend their research in a wide variety of contexts such as refereed quality academic outlets appropriate to their field (eg ranked journals, good quality academic conferences, thesis, book chapter, monograph) and to less specialist audiences by public presentation. Training is provided to support the development of these research and research-related capabilities in the context of the discipline area, as well as the appropriate generic and transferable skills to allow students to become independent, competent and highly sought-after researchers equipped to pursue a research career in relevant industries and/or to become an academic.

**Course Objectives:** Graduates of this course have the academic knowledge, skills and attributes necessary to become capable, independent researchers, in order to be able to pursue a research-related or high-level professional career in their industry and/or as a Higher Education academic in their field of studies. The course objectives are to produce graduates who have:

1. expert understanding of a substantial body of theory and its practical application at the frontier of a field of work or learning, including substantial expert knowledge of ethical research principles and methods applicable to the field.
2. intellectual independence and cognitive skills to undertake a systematic investigation, reflect critically on theory and practice and evaluate existing knowledge and ideas, including identifying, evaluating and critically analyzing the validity of research studies and their applicability to a research problem.
3. expert cognitive, technical and creative skills to:
   - design, develop and implement a research project/s to systematically investigate a research problem.
   - develop, adapt and implement research methodologies to extend and redefine existing knowledge.
   - manage, analyse, evaluate and interpret data, synthesising key ideas and theorising within the context of key literature.

4. expert communication skills to explain and critique theoretical propositions, methodologies and conclusions; to disseminate and promote new insights; and to cogently present a complex investigation of originality, or original research, both for external examination and to specialist (eg researcher peers) and non-specialist (industry and/or community) audiences through informal interaction, scholarly publications, reports and formal presentations.

5. capacity to reflect on, develop and evaluate strategies for achieving their own learning and career goals.
6. intellectual independence, initiative and creativity in new situations and/or for further learning.
7. ethical practice and full responsibility and accountability for personal outputs.
8. autonomy, authoritative judgement, adaptability and responsibility as an expert and independent scholar.

**Careers:** Academic and research focused positions in the relevant fields of study.

**Course Duration:** 4 years

**Admission Requirements:** Completed a qualification at AQF level 8 or above, typically in a cognate discipline (including a qualification without minor thesis), with Honours or its equivalent at a high standard.

**Admission Requirements International:** Achieved an IELTS (Academic Module) result with an overall score of 6.5 (no band less than 6) or equivalent and completed a qualification at AQF level 8 or above, typically in a cognate discipline (including a qualification without minor thesis), with Honours or its equivalent at a high standard.
Doctoral degree in Law

The Doctoral Degree (PhD) is an advanced research program offered across VU’s research focus areas and the major disciplines of the academic Colleges, which allows the student to conduct original research in an area that is both of interest to the student and of broader significance to the University, industry and the community, with the assistance of an experienced research supervisory team. The PhD includes:

- 72 credit points of Core studies in Year 1
- 24 credit points of Elective studies in Year 1
- 288 credit points of Thesis units as per standard PhD

YEAR 1

Core Studies

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>UGR7001</td>
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<td>UGR7002</td>
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<tr>
<td>UGR7003</td>
<td>Research Integrity and Ethics</td>
<td>12</td>
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</table>

Thesis Units (36 credit points)

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<tr>
<th>Code</th>
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</thead>
<tbody>
<tr>
<td>UGR7901</td>
<td>Year One Thesis A (Part-Time)</td>
<td>12</td>
</tr>
<tr>
<td>UGR7902</td>
<td>Year One Thesis B (Part-Time)</td>
<td>24</td>
</tr>
<tr>
<td>UGR7903</td>
<td>Year One Thesis C (Full-Time)</td>
<td>36</td>
</tr>
</tbody>
</table>

Select 24 credit points (equivalent to 2 units) Elective Studies:

<table>
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<tr>
<th>Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>UGR7004</td>
<td>Introduction to Qualitative Research Methods</td>
<td>12</td>
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<tr>
<td>UGR7005</td>
<td>Introduction to Quantitative Research Methods</td>
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<td>UGR7006</td>
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<td>UGR7007</td>
<td>Enhancing Research Capability</td>
<td>12</td>
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<tr>
<td>UGR7008</td>
<td>English Language for Graduate Researchers</td>
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YEARS 2 - 4

<table>
<thead>
<tr>
<th>Code</th>
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<tbody>
<tr>
<td>LLW8900</td>
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</tr>
<tr>
<td>LLW8901</td>
<td>Law (Part-Time)</td>
<td>24</td>
</tr>
</tbody>
</table>

Doctor of Philosophy

Course Code: LLW8900
Campus: City Queen.

About this course: Doctoral degree in Law

The Doctoral Degree (PhD) is an advanced research program offered across VU’s research focus areas and the major disciplines of the academic Colleges, which allows the student to conduct original research in an area that is both of interest to the student and of broader significance to the University, industry and the community, with the assistance of an experienced research supervisory team. The PhD includes:

- engagement in a substantial research project at the frontier of its field leading to the presentation of a thesis in an approved thesis format for examination against international standards through the University’s approved process for independent examination by at least two external expert examiners.
- a component of required coursework usually undertaken in the first semester of the program (full-time students) and the first year (part-time students), and other opportunities for the development of research, generic, and transferable skills through participation in both formal and informal learning.

It promotes the development of research and research-related capabilities, with graduates expected to:

1. demonstrate a scholarly and enquiring mind, and evidence strong capabilities in

   - research conceptualisation and design including reviewing of the literature
   - the marshalling and critical analysis of data and evidence, and
   - conceptual innovation in order to make a significant new contribution to knowledge and society;

2. demonstrate deep disciplinary immersion and broad interdisciplinary literacy, including methodological literacy; and
3. be a highly competent communicator of their research, including through demonstration of the capacity to present and defend their research in a wide variety of contexts such as refereed quality academic outlets appropriate to their field (eg ranked journals, good quality academic conferences, thesis, book chapter, monograph) and to less specialist audiences by public presentation. Training is provided to support the development of these research and research-related capabilities in the context of the discipline area, as well as the appropriate generic and transferable skills to allow students to become independent, competent and highly sought-after researchers equipped to pursue a research career in relevant industries and/or to become an academic.

Course Objectives: Graduates of this course have the academic knowledge, skills and attributes necessary to become capable, independent researchers, in order to be able to pursue a research-related or high-level professional career in their industry and/or as a Higher Education academic in their field of studies. The course objectives are to produce graduates who have:

- expert understanding of a substantial body of theory and its practical application at the frontier of a field of work or learning, including substantial expert knowledge of ethical research principles and methods applicable to the field.
- intellectual independence and cognitive skills to undertake a systematic investigation, reflect critically on theory and practice and evaluate existing knowledge and ideas, including identifying, evaluating and critically analysing the validity of research studies and their applicability to a research problem.
- expert cognitive, technical and creative skills to:
  - design, develop and implement a research project/s to systematically investigate a research problem.
  - develop, adapt and implement research methodologies to extend and redefine existing knowledge.
• manage, analyse, evaluate and interpret data, synthesising key ideas and theorising within the context of key literature.
• expert communication skills to explain and critique theoretical propositions, methodologies and conclusions; to disseminate and promote new insights; and to cogently present a complex investigation of originality, or original research, both for external examination and to specialist (eg researcher peers) and non-specialist (industry and/or community) audiences through informal interaction, scholarly publications, reports and formal presentations.
• capacity to reflect on, develop and evaluate strategies for achieving their own learning and career goals.
• intellectual independence, initiative and creativity in new situations and/or for further learning.
• ethical practice and full responsibility and accountability for personal outputs.
• autonomy, authoritative judgement, adaptability and responsibility as an expert and independent scholar.

Careers: Academic and research focused positions in the relevant fields of study.

Course Duration: 4 years

Admission Requirements: Completed a relevant Masters degree or four year undergraduate degree with Honours or its equivalent at a high standard.

Admission Requirements International: Achieved an IELTS, (Academic Module) result with an overall score of 6.5 (no band less than 6) or equivalent and completed a Masters degree or a relevant four year undergraduate degree with Honours or its equivalent at a high standard.

COURSE STRUCTURE

The PhD is a research based degree with a maximum duration of 4 years (full time) and 8 years (part time). As well as enrolling in Research Thesis units Doctor of Philosophy (Science) students will be required to complete two coursework units, ROP8001 and ROP8002. An average result of 70% is required in the compulsory coursework units in order to proceed to candidature confirmation. Ongoing progression is subject to policy and procedures for candidature management as per the VU HDR Policy.

Coursework Units

ROP8001 Conceptualising and Contextualising Research
ROP8002 Research Integrity and Ethics
LLW8900 Law (Full-Time) 48
LLW8901 Law (Part-Time) 24

Doctor of Philosophy (Integrated)

Course Code: LP1WA
Campus: Werribee, Footscray Park.

About this course: The Doctor of Philosophy (Integrated) is a four-year program of research designed for students who lack the previous research training and/or experience to gain entry to a traditional Doctor of Philosophy (PhD). The Doctor of Philosophy (Integrated) allows students to undertake intensive research training in Year 1 and then to conduct further original research in Years 2-4 leading to the completion of their doctoral degree within the normal 4-year period, and to the award of Doctor of Philosophy. Students are under the guidance of an experienced research supervisory team throughout the course. Year 1 of the Doctor of Philosophy (Integrated) provides research training units at AQF level 9/10 which prepare and support students in undertaking research in semester 2 of Year 1 of their studies. Upon meeting the hurdle requirement (70% average across the Year 1 coursework units and 70% in the Year 1 thesis), students proceed to Years 2-4 of the doctoral degree, undertaking a further intensive coursework unit designed to supporting them in preparing for Candidature within six months Equivalent Full Time (EFT) of their enrolment in Year 2. Students who achieve a pass mark of 50% or above in all Year 1 units, but do not fulfil the hurdle requirement (70% average across the Year 1 coursework units and 70% in the Year 1 thesis) or do not wish to proceed to Years 2-4 of the Doctor of Philosophy (Integrated), will be eligible for the Master of Research Practice exit award. The Doctor of Philosophy (Integrated) is offered across VU’s research focus areas and the major disciplines of the academic Colleges, which allows the student to conduct original research in an area that is both of interest to the student and of broader significance to the University, industry and the community. The Doctor of Philosophy (Integrated) includes:

• engagement in a substantial research project at the frontier of its field leading to the presentation of a thesis in an approved thesis format for examination against international standards through the University’s approved process for independent examination by at least two external expert examiners.
• a component of required coursework and other opportunities for the development of research, generic and transferable skills through participation in both formal and informal learning.

It promotes the development of research and research-related capabilities, with graduates expected to: 1. demonstrate a scholarly and enquiring mind, and evidence strong capabilities in

• research conceptualisation and design including reviewing of the literature
• the marshalling and critical analysis of data and evidence, and
• conceptual innovation in order to make a significant new contribution to knowledge and society;

2. demonstrate deep disciplinary immersion and broad interdisciplinary literacy, including methodological literacy; and 3. be a highly competent communicator of their research, including through demonstration of the capacity to present and defend their research in a wide variety of contexts such as refereed quality academic outlets appropriate to their field (eg ranked journals, good quality academic conferences, thesis, book chapter, monograph) and to less specialist audiences by public presentation. Training is provided to support the development of these research and research-related capabilities in the context of the discipline area, as well as the appropriate generic and transferable skills to allow students to become independent, competent and highly sought after researchers equipped to pursue a research career in relevant industries and/or to become an academic.

Course Objectives: Graduates of this course have the academic knowledge, skills and attributes necessary to become capable, independent researchers, in order to be able
to pursue a research-related or high-level professional career in their industry and/or as a Higher Education academic in their field of studies. The course objectives are to produce graduates who have: 1. expert understanding of a substantial body of theory and its practical application at the frontier of a field of work or learning, including substantial expert knowledge of ethical research principles and methods applicable to the field. 2. intellectual independence and cognitive skills to undertake a systematic investigation, reflect critically on theory and practice and evaluate existing knowledge and ideas, including identifying, evaluating and critically analysing the validity of research studies and their applicability to a research problem. 3. expert cognitive, technical and creative skills to:

- design, develop and implement a research project/s to systematically investigate a research problem.
- develop, adapt and implement research methodologies to extend and redefine existing knowledge.
- manage, analyse, evaluate and interpret data, synthesising key ideas and theorising within the context of key literature.

4. expert communication skills to explain and critique theoretical propositions, methodologies and conclusions; to disseminate and promote new insights; and to cogently present a complex investigation of originality, or original research, both for external examination and to specialist (eg researcher peers) and non-specialist (industry and/or community) audiences through informal interaction, scholarly publications, reports and formal presentations. 5. capacity to reflect on, develop and evaluate strategies for achieving their own learning and career goals. 6. intellectual independence, initiative and creativity in new situations and/or for further learning. 7. ethical practice and full responsibility and accountability for personal outputs. 8. autonomy, authoritative judgement, adaptability and responsibility as an expert and independent scholar.

Careers: Academic and research focused positions in the relevant fields of study.

Course Duration: 4 years

Admission Requirements: Completed a qualification at AQF level 8 or above, typically in a cognate discipline (including a qualification without minor thesis), with Honours or its equivalent at a high standard.

Admission Requirements International: Achieved an IELTS (Academic Module) result with an overall score of 6.5 (no band less than 6) or equivalent and completed a qualification at AQF level 8 or above, typically in a cognate discipline (including a qualification without minor thesis), with Honours or its equivalent at a high standard.

COURSE STRUCTURE

To attain the award of Doctor of Philosophy through undertaking the Doctor of Philosophy (Integrated) students will be required to completed in total 384 credit points consisting of:

- 72 credit points of Core studies in Year 1
- 24 credit points of Elective studies in Year 1
- 288 credit points of Thesis units as per standard PhD

YEARS 2 - 4

Doctor of Philosophy (Integrated)

Course Code: UPNA

Campus: Footscray Park, St Albans.

About this course: Doctor of Philosophy (Integrated) in Nursing and Midwifery The Doctor of Philosophy (Integrated) is a four-year program of research designed for students who lack the previous research training and/or experience to gain entry to a traditional Doctor of Philosophy (PhD). The Doctor of Philosophy (Integrated) allows students to undertake intensive research training in Year 1 and then to conduct further original research in Years 2-4 leading to the completion of their doctoral degree within the normal 4-year period, and to the award of Doctor of Philosophy. Students are under the guidance of an experienced research supervision team throughout the course. Year 1 of the Doctor of Philosophy (Integrated) provides research training units at AQF level 9/10 which prepare and support students in undertaking research in semester 2 of Year 1 of their studies. Upon meeting the hurdle requirement (70% average across the Year 1 coursework units and 70% in the Year 1 thesis), students proceed to Years 2-4 of the doctoral degree, undertaking a further intensive coursework unit designed to supporting them in preparing for Candidature within six months Equivalent Full Time (EFT) of their enrolment in Year 2. Students who achieve a pass mark of 50% or above in all Year 1 units, but do not fulfil the hurdle requirement (70% average across the Year 1 coursework units and 70% in the Year 1 thesis) or do not wish to proceed to Years 2-4 of the Doctor of Philosophy (Integrated), will be eligible for the Master of Research Practice exit award. The Doctor of Philosophy (Integrated) is offered across VU's research focus areas and the major disciplines of the academic Colleges, which

UGR7001 Introduction to Research Methodology 12
UGR7002 Research Design and Proposal Development 12
UGR7003 Research Integrity and Ethics 12
Thesis Units (36 credit points)
UGR7904 Year One Thesis D (Part-Time) 12
UGR7905 Year One Thesis E (Part-Time) 24

OR

UGR7906 Year One Thesis F (Full-Time) 36

Select 24 credit points (equivalent to 2 units) Elective Studies:
UGR7004 Introduction to Qualitative Research Methods 12
UGR7005 Introduction to Quantitative Research Methods 12
UGR7006 Enhancing Researcher Knowledge and Skills 12
UGR7007 Enhancing Research Capability 12
UGR7008 English Language for Graduate Researchers 12

YEARS 2 - 4

HM8900 Medical and Biological Sciences (Full-Time) 48
HM8901 Medical and Biological Sciences (Part-Time) 24
allows the student to conduct original research in an area that is both of interest to
the student and of broader significance to the University, industry and the
community. The Doctor of Philosophy (Integrated) includes:

- engagement in a substantial research project at the frontier of its field
  leading to the presentation of a thesis in an approved thesis format for
  examination against international standards through the University’s
  approved process for independent examination by at least two external
  expert examiners.
- a component of required coursework and other opportunities for the
development of research, generic and transferable skills through
participation in both formal and informal learning.

It promotes the development of research and research-related capabilities, with
graduates expected to: 1. demonstrate a scholarly and enquiring mind, and evidence
strong capabilities in

- research conceptualisation and design including reviewing of the
  literature
- the marshalling and critical analysis of data and evidence, and
- conceptual innovation in order to make a significant new contribution to
  knowledge and society;

2. demonstrate deep disciplinary immersion and broad interdisciplinary literacy,
including methodological literacy; and 3. be a highly competent communicator of
their research, including through demonstration of the capacity to present and defend
their research in a wide variety of contexts such as refereed quality academic outlets
appropriate to their field (eg ranked journals, good quality academic conferences,
thesis, book chapter, monograph) and to less specialist audiences by public
presentation. Training is provided to support the development of these research and
research-related capabilities in the context of the discipline area, as well as the
appropriate generic and transferable skills to allow students to become independent,
competent and highly sought-after researchers equipped to pursue a research career
in relevant industries and/or to become an academic.

Course Objectives: Graduates of this course have the academic knowledge, skills and
attributes necessary to become capable, independent researchers, in order to be able
to pursue a research-related or high-level professional career in their industry and/or
as a Higher Education academic in their field of studies. The course objectives are to
produce graduates who have: 1. expert understanding of a substantial body of
theory and its practical application at the frontier of a field of work or learning,
including substantial expert knowledge of ethical research principles and methods
applicable to the field. 2. intellectual independence and cognitive skills to undertake
a systematic investigation, reflect critically on theory and practice and evaluate
existing knowledge and ideas, including identifying, evaluating and critically
analysing the validity of research studies and their applicability to a research
problem. 3. expert cognitive, technical and creative skills to:

- design, develop and implement a research project/s to systematically
  investigate a research problem.
- develop, adapt and implement research methodologies to extend and
  redefine existing knowledge.
- manage, analyse, evaluate and interpret data, synthesising key ideas and
  theorising within the context of key literature.

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methodologies and conclusions; to disseminate and promote new insights; and to
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(industry and/or community) audiences through informal interaction, scholarly
publications, reports and formal presentations. 5. capacity to reflect on, develop and
evaluate strategies for achieving their own learning and career goals. 6. intellectual
independence, initiative and creativity in new situations and/or for further learning.
7. ethical practice and full responsibility and accountability for personal outputs. 8.
autonomy, authoritative judgement, adaptability and responsibility as an expert and
independent scholar.

Careers: Academic and research focused positions in the relevant fields of study.

Course Duration: 4 years

Admission Requirements: Completed a qualification at AQF level 8 or above, typically
in a cognate discipline (including a qualification without minor thesis), with Honours
or its equivalent at a high standard.

Admission Requirements International: Achieved an IELTS (Academic Module) result
with an overall score of 6.5 (no band less than 6) or equivalent and completed a
qualification at AQF level 8 or above, typically in a cognate discipline (including a
qualification without minor thesis), with Honours or its equivalent at a high standard.

COURSE STRUCTURE

To attain the award of Doctor of Philosophy through undertaking the Doctor of
Philosophy (Integrated) students will be required to completed in total 384 credit
points consisting of:

- 72 credit points of Core studies in Year 1
- 24 credit points of Elective studies in Year 1
- 288 credit points of Thesis units as per standard PhD

YEAR 1

Core Studies

UGR7001 Introduction to Research Methodology 12
UGR7002 Research Design and Proposal Development 12
UGR7003 Research Integrity and Ethics 12

Thesis Units (36 credit points)

UGR7901 Year One Thesis A (Part-Time) 12
UGR7902 Year One Thesis B (Part-Time) 24

OR

UGR7903 Year One Thesis C (Full-Time) 36

Select 24 credit points (equivalent to 2 units) Elective Studies:

UGR7004 Introduction to Qualitative Research Methods 12
Academic and research focused positions in the relevant fields of study.

Achieved an IELTS, (Academic Module) result...
Doctoral Degree (PhD) is an advanced research program offered across VU’s research focus areas and the major disciplines of the academic Colleges, which allows the student to conduct original research in an area that is both of interest to the student and of broader significance to the University, industry and the community, with the assistance of an experienced research supervisory team. The PhD includes:

- engagement in a substantial research project at the frontier of its field leading to the presentation of a thesis in an approved thesis format for examination against international standards through the University’s approved process for independent examination by at least two external expert examiners.
- a component of required coursework usually undertaken in the first semester of the program (full-time students) and the first year (part-time students), and other opportunities for the development of research, generic and transferable skills through participation in both formal and informal learning.

It promotes the development of research and research-related capabilities, with graduates expected to:

1. demonstrate a scholarly and enquiring mind, and evidence strong capabilities in:
   - research conceptualisation and design including reviewing of the literature
   - the marshalling and critical analysis of data and evidence, and
   - conceptual innovation in order to make a significant new contribution to knowledge and society;
2. demonstrate deep disciplinary immersion and broad interdisciplinary literacy, including methodological literacy; and
3. be a highly competent communicator of their research, including through demonstration of the capacity to present and defend their research in a wide variety of contexts such as refereed quality academic outlets appropriate to their field (eg ranked journals, good quality academic conferences, thesis, book chapter, monograph) and to less specialist audiences by public presentation.

Training is provided to support the development of these research and research-related capabilities in the context of the discipline area, as well as the appropriate generic and transferable skills to allow students to become independent, competent and highly sought-after researchers equipped to pursue a research career in relevant industries and/or to become an academic.

Course Objectives: Graduates of this course have the academic knowledge, skills and attributes necessary to become capable, independent researchers, in order to be able to pursue a research-related or high-level professional career in their industry and/or as a Higher Education academic in their field of studies. The course objectives are to produce graduates who have:

- expert understanding of a substantial body of theory and its practical application at the frontier of a field of work or learning, including substantial expert knowledge of ethical research principles and methods applicable to the field.
- intellectual independence and cognitive skills to undertake a systematic investigation, reflect critically on theory and practice and evaluate existing knowledge and ideas, including identifying, evaluating and critically analysing the validity of research studies and their applicability to a research problem.
- expert cognitive, technical and creative skills to:
  - design, develop and implement a research project/s to systematically investigate a research problem.
  - develop, adopt and implement research methodologies to extend and redefine existing knowledge.
- manage, analyze, evaluate and interpret data, synthesising key ideas and theorising within the context of key literature.
- expert communication skills to explain and critique theoretical propositions, methodologies and conclusions; to disseminate and promote new insights; and to cogently present a complex investigation of originality, or original research, both for external examination and to specialist (eg researcher peers) and non-specialist (industry and/or community) audiences through informal interaction, scholarly publications, reports and formal presentations.
- capacity to reflect on, develop and evaluate strategies for achieving their own learning and career goals.
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- ethical practice and full responsibility and accountability for personal outputs.
- autonomy, authoritative judgement, adaptability and responsibility as an expert and independent scholar.

Careers: Academic and research focused positions in the relevant fields of study.

Course Duration: 4 years

Admission Requirements: Completed a relevant Masters degree or four year undergraduate degree with Honours or its equivalent at a high standard.

Admission Requirements International: Achieved an IELTS, (Academic Module) result with an overall score of 6.5 (no band less than 6) or equivalent and completed a Masters degree or a relevant four year undergraduate degree with Honours or its equivalent at a high standard.

COURSE STRUCTURE
The PhD is a research based degree with a maximum duration of 4 years (full time) and 8 years (part-time). As well as enrolling in Research Thesis units Doctor of Philosophy (Science) students will be required to complete two coursework units, ROP8001 and ROP8002. An average result of 70% is required in the compulsory coursework units in order to proceed to candidature confirmation. Ongoing progression is subject to policy and procedures for candidature management as per the VU HDR Policy.

Coursework Units

- ROP8001 Conceptualising and Contextualising Research
- ROP8002 Research Integrity and Ethics
- NW8900 Information and Mathematical Sciences (Full-Time) 48
- NW8901 Information and Mathematical Sciences (Part-Time) 24

**Doctor of Philosophy**

**Course Code:** UPNS

**Campus:** Werribee, Footscray Park, St Albans.

**About this course:** Doctoral degree in Science: The Doctoral Degree (PhD) is an advanced research program offered across VU’s research focus areas and the major disciplines of the academic Colleges, which allows the student to conduct original research in an area that is both of interest to the student and of broader significance to the University, industry and the community, with the assistance of an experienced research supervisory team. The PhD includes:

- engagement in a substantial research project at the frontier of its field leading to the presentation of a thesis in an approved thesis format for examination against international standards through the University’s approved process for independent examination by at least two external expert examiners.
- a component of required coursework usually undertaken in the first semester of the program (full-time students) and the first year (part-time students), and other opportunities for the development of research, generic and transferable skills through participation in both formal and informal learning.

It promotes the development of research and research-related capabilities, with graduates expected to:

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   - research conceptualisation and design including reviewing of the literature
   - the marshalling and critical analysis of data and evidence, and
   - conceptual innovation in order to make a significant new contribution to knowledge and society;
2. demonstrate deep disciplinary immersion and broad interdisciplinary literacy, including methodological literacy; and
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**Course Objectives:** Graduates of this course have the academic knowledge, skills and attributes necessary to become capable, independent researchers, in order to be able to pursue a research-related or high-level professional career in their industry and/or as a Higher Education academic in their field of studies. The course objectives are to produce graduates who have:

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**Careers:** Academic and research focused positions in the relevant fields of study.

**Course Duration:** 4 years

**Admission Requirements:** Completed a relevant Masters degree or four year undergraduate degree with Honours or its equivalent at a high standard.

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The Doctor of Philosophy (Integrated) is a four-year program of research designed for students who lack the previous research training and/or experience to gain entry to a traditional Doctor of Philosophy (PhD). The Doctor of Philosophy (Integrated) allows students to undertake intensive research training in Year 1 and then to conduct original research in Years 2–4 leading to the completion of their doctoral degree within the normal 4-year period, and to the award of Doctor of Philosophy. Students are under the guidance of an experienced research supervisory team throughout the course. Year 1 of the Doctor of Philosophy (Integrated) provides research training units at AQF level 9/10 which prepare and support students in undertaking research in semester 2 of Year 1 of their studies. Upon meeting the hurdle requirement (70% average across the Year 1 coursework units and 70% in the Year 1 thesis), students proceed to Years 2–4 of the doctoral degree, undertaking a further intensive coursework unit designed to supporting them in preparing to present for Candidature within six months Equivalent Full Time (EFT) of their enrolment in Year 2. Students who achieve a pass mark of 50% or above in all Year 1 units, but do not fulfil the hurdle requirement (70% average across the Year 1 coursework units and 70% in the Year 1 thesis) or do not wish to proceed to Years 2–4 of the Doctor of Philosophy (Integrated), will be eligible for the Master of Research Practice exit award. The Doctor of Philosophy (Integrated) is offered across VU's research focus areas and the major disciplines of the academic Colleges, which allows the student to conduct original research in an area that is both of interest to the student and of broader significance to the University, industry and the community. The Doctor of Philosophy (Integrated) includes:

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7. ethical practice and full responsibility and accountability for personal outputs.
autonomy, authoritative judgement, adaptability and responsibility as an expert and independent scholar.

**Careers:** Academic and research focused positions in the relevant fields of study.

**Course Duration:** 4 years

**Admission Requirements:** Completed a qualification at AQF level 8 or above, typically in a cognate discipline (including a qualification without minor thesis), with Honours or its equivalent at a high standard.

**Admission Requirements International:** Achieved an IELTS (Academic Module) result with an overall score of 6.5 (no band less than 6) or equivalent and completed a qualification at AQF level 8 or above, typically in a cognate discipline (including a qualification without minor thesis), with Honours or its equivalent at a high standard.

**COURSE STRUCTURE**

To attain the award of Doctor of Philosophy through undertaking the Doctor of Philosophy (Integrated) students will be required to completed in total 384 credit points consisting of:

- 72 credit points of Core studies in Year 1
- 24 credit points of Elective studies in Year 1
- 288 credit points of Thesis units as per standard PhD

**YEAR 1**

Core Studies

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>UGR7001</td>
<td>Introduction to Research Methodology</td>
<td>12</td>
</tr>
<tr>
<td>UGR7002</td>
<td>Research Design and Proposal Development</td>
<td>12</td>
</tr>
<tr>
<td>UGR7003</td>
<td>Research Integrity and Ethics</td>
<td>12</td>
</tr>
</tbody>
</table>

Thesis Units (36 credit points)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>UGR7904</td>
<td>Year One Thesis D (Part-Time)</td>
<td>12</td>
</tr>
<tr>
<td>UGR7905</td>
<td>Year One Thesis E (Part-Time)</td>
<td>24</td>
</tr>
</tbody>
</table>

OR

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>UGR7906</td>
<td>Year One Thesis F (Full-Time)</td>
<td>36</td>
</tr>
</tbody>
</table>

Select 24 credit points (equivalent to 2 units) Elective Studies:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>UGR7004</td>
<td>Introduction to Qualitative Research Methods</td>
<td>12</td>
</tr>
<tr>
<td>UGR7005</td>
<td>Introduction to Quantitative Research Methods</td>
<td>12</td>
</tr>
<tr>
<td>UGR7006</td>
<td>Enhancing Researcher Knowledge and Skills</td>
<td>12</td>
</tr>
<tr>
<td>UGR7007</td>
<td>Enhancing Research Capability</td>
<td>12</td>
</tr>
<tr>
<td>UGR7008</td>
<td>English Language for Graduate Researchers</td>
<td>12</td>
</tr>
</tbody>
</table>

**YEARS 2 - 4**

NSC8900 Science (Full-Time) 48
NSC8901 Science (Part-Time) 24

**Doctor of Philosophy (Integrated)**

**Course Code:** IPPA
**Campus:** Footscray Nicholson, Footscray Park, St Albans.

**About this course:** Doctor of Philosophy (Integrated) in Psychology. The Doctor of Philosophy (Integrated) is a four-year program of research designed for students who lack the previous research training and/or experience to gain entry to a traditional Doctor of Philosophy (PhD). The Doctor of Philosophy (Integrated) allows students to undertake intensive research training in Year 1 and then to conduct further original research in Years 2-4 leading to the completion of their doctoral degree within the normal 4-year period, and to the award of Doctor of Philosophy. Students are under the guidance of an experienced research supervisory team throughout the course. Year 1 of the Doctor of Philosophy (Integrated) provides research training units at AQF level 9/10 which prepare and support students in undertaking research in semester 2 of Year 1 of their studies. Upon meeting the hurdle requirement (70% average across the Year 1 coursework units and 70% in the Year 1 thesis), students proceed to Years 2-4 of the doctoral degree, undertaking a further intensive coursework unit designed to supporting them in preparing to present for Candidature within six months Equivalent Full Time (EFT) of their enrolment in Year 2. Students who achieve a pass mark of 50% or above in all Year 1 units, but do not fulfil the hurdle requirement (70% average across the Year 1 coursework units and 70% in the Year 1 thesis) or do not wish to proceed to Years 2-4 of the Doctor of Philosophy (Integrated), will be eligible for the Master of Research Practice exit award. The Doctor of Philosophy (Integrated) is offered across VU’s research focus areas and the major disciplines of the academic Colleges, which allows the student to conduct original research in an area that is both of interest to the student and of broader significance to the university, industry and the community. The Doctor of Philosophy (Integrated) includes:

- engagement in a substantial research project at the frontier of its field leading to the presentation of a thesis in an approved thesis format for examination against international standards through the University’s approved process for independent examination by at least two external expert examiners.
- a component of required coursework and other opportunities for the development of research, generic and transferable skills through participation in both formal and informal learning.

It promotes the development of research and research-related capabilities, with graduates expected to: 1. demonstrate a scholarly and enquiring mind, and evidence strong capabilities in

- research conceptualisation and design including reviewing of the literature
- the marshalling and critical analysis of data and evidence, and
- conceptual innovation in order to make a significant new contribution to knowledge and society;

2. demonstrate deep disciplinary immersion and broad interdisciplinary literacy, including methodological literacy; and 3. be a highly competent communicator of their research, including through demonstration of the capacity to present and defend
their research in a wide variety of contexts such as refereed quality academic outlets appropriate to their field (eg ranked journals, good quality academic conferences, thesis, book chapter, monograph) and to less specialist auditudes by public presentation. Training is provided to support the development of these research and research-related capabilities in the context of the discipline area, as well as the appropriate generic and transferable skills to allow students to become independent, competent and highly sought-after researchers equipped to pursue a research career in relevant industries and/or to become an academic.

Course Objectives: Graduates of this course have the academic knowledge, skills and attributes necessary to become capable, independent researchers, in order to be able to pursue a research-related or high-level professional career in their industry and/or as a Higher Education academic in their field of studies. The course objectives are to produce graduates who have: 1. expert understanding of a substantial body of theory and its practical application at the frontier of a field of work or learning, including substantial expert knowledge of ethical research principles and methods applicable to the field. 2. intellectual independence and cognitive skills to undertake a systematic investigation, reflect critically on theory and practice and evaluate existing knowledge and ideas, including identifying, evaluating and critically analysing the validity of research studies and their applicability to a research problem. 3. expert cognitive, technical and creative skills to:

- design, develop and implement a research project/s to systematically investigate a research problem.
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- ethical practice and full responsibility and accountability for personal outputs.
- autonomy, authoritative judgement, adaptability and responsibility as an expert and independent scholar.

Careers: Academic and research focused positions in the relevant fields of study.

Course Duration: 4 years

Admission Requirements: Completed a qualification at AQF level 8 or above, typically in a cognate discipline (including a qualification without minor thesis), with Honours or its equivalent at a high standard.

Admission Requirements International: Achieved an IELTS (Academic Module) result with an overall score of 6.5 (no band less than 6) or equivalent and completed a qualification at AQF level 8 or above, typically in a cognate discipline (including a qualification without minor thesis), with Honours or its equivalent at a high standard.

COURSE STRUCTURE

To attain the award of Doctor of Philosophy through undertaking the Doctor of Philosophy (Integrated) students will be required to completed in total 384 credit points consisting of:

- 72 credit points of Core studies in Year 1
- 24 credit points of Elective studies in Year 1
- 288 credit points of Thesis units as per standard PhD

YEAR 1

Core studies

UGR7001 Introduction to Research Methodology 12
UGR7002 Research Design and Proposal Development 12
UGR7003 Research Integrity and Ethics 12
Thesis Units (36 credit points)

UGR7904 Year One Thesis D (Part-Time) 12
UGR7905 Year One Thesis E (Part-Time) 24
OR

UGR7906 Year One Thesis F (Full-Time) 36

Select 24 credit points (equivalent to 2 units) Elective Studies:

UGR7004 Introduction to Qualitative Research Methods 12
UGR7005 Introduction to Quantitative Research Methods 12
UGR7006 Enhancing Researcher Knowledge and Skills 12
UGR7007 Enhancing Research Capability 12
UGR7008 English Language for Graduate Researchers 12

YEARS 2 - 4

AP58900 Psychology (Full-Time) 48
AP58901 Psychology (Part-Time) 24

Doctor of Philosophy (Integrated)

Course Code: UPRA
Campus: Footscray Park.

About this course: Doctor of Philosophy (Integrated) in Sport and Recreation The Doctor of Philosophy (Integrated) is a four-year program of research designed for students who lack the previous research training and/or experience to gain entry to a traditional Doctor of Philosophy (PhD). The Doctor of Philosophy (Integrated) allows students to undertake intensive research training in Year 1 and then to conduct further original research in Years 2-4 leading to the completion of their doctoral degree within the normal 4-year period, and to the award of Doctor of Philosophy. Students are under the guidance of an experienced research supervisory team throughout the course. Year 1 of the Doctor of Philosophy (Integrated) provides research training units at AQF level 9/10 which prepare and support
students in undertaking research in semester 2 of Year 1 of their studies. Upon meeting the hurdle requirement (70% average across the Year 1 coursework units and 70% in the Year 1 thesis), students proceed to Years 2-4 of the doctoral degree, undertaking a further intensive coursework unit designed to supporting them in preparing to present for Candidature within six months Equivalent Full Time (EFT) of their enrolment in Year 2. Students who achieve a pass mark of 50% or above in all Year 1 units, but do not fulfill the hurdle requirement (70% average across the Year 1 coursework units and 70% in the Year 1 thesis) or do not wish to proceed to Years 2-4 of the Doctor of Philosophy (Integrated), will be eligible for the Master of Research Practice exit award. The Doctor of Philosophy (Integrated) is offered across VU’s research focus areas and the major disciplines of the academic Colleges, which allows the student to conduct original research in an area that is both of interest to the student and of broader significance to the University, industry and the community. The Doctor of Philosophy (Integrated) includes:

- engagement in a substantial research project at the frontier of its field leading to the presentation of a thesis in an approved thesis format for examination against international standards through the University’s approved process for independent examination by at least two external expert examiners.
- a component of required coursework and other opportunities for the development of research, generic and transferable skills through participation in both formal and informal learning.

It promotes the development of research and research-related capabilities, with graduates expected to: 1. demonstrate a scholarly and enquiring mind, and evidence strong capabilities in

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- manage, analyse, evaluate and interpret data, synthesising key ideas and theorising within the context of key literature.

4. expert communication skills to explain and critique theoretical propositions, methodologies and conclusions; to disseminate and promote new insights; and to cogently present a complex investigation of originality, or original research, both for external examination and to specialist (e.g. researcher peers) and non-specialist (industry and/or community) audiences through informal interaction, scholarly publications, reports and formal presentations.
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Careers: Academic and research focused positions in the relevant fields of study.

Course Duration: 4 years

Admission Requirements: Completed a qualification at AQF level 8 or above, typically in a cognate discipline (including a qualification without minor thesis), with Honours or its equivalent at a high standard.

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UGR7002 Research Design and Proposal Development 12
UGR7003 Research Integrity and Ethics 12

Thesis Units (36 credit points)
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- design, develop and implement a research project(s) to systematically investigate a research problem.
- develop, adapt and implement research methodologies to extend and redefine existing knowledge.
- manage, analyse, evaluate and interpret data, synthesising key ideas and theorising within the context of key literature.

4. expert communication skills to explain and critique theoretical propositions, methodologies and conclusions; to disseminate and promote new insights; and to cogently present a complex investigation of originality, or original research, both for external examination and to specialist (eg researcher peers) and non-specialist (industry and/or community) audiences through informal interaction, scholarly publications, reports and formal presentations. 5. capacity to reflect on, develop and evaluate strategies for achieving their own learning and career goals. 6. intellectual
ADMISSION REQUIREMENTS

Completed a qualification at AQF level 8 or above, typically in a cognate discipline (including a qualification without minor thesis), with Honours or its equivalent at a high standard.

ADMISSION REQUIREMENTS INTERNATIONAL: Achieved an IELTS (Academic Module) result with an overall score of 6.5 (no band less than 6) or equivalent and completed a qualification at AQF level 8 or above, typically in a cognate discipline (including a qualification without minor thesis), with Honours or its equivalent at a high standard.

OUTLINE

COURSE STRUCTURE

To attain the award of Doctor of Philosophy through undertaking the Doctor of Philosophy (Integrated) students will be required to completed in total 384 credit points consisting of:

- 72 credit points of Core studies in Year 1
- 24 credit points of Elective studies in Year 1
- 288 credit points of Thesis units as per standard PhD

YEAR 1

Core Studies

UGR7001  Introduction to Research Methodology  12
UGR7002  Research Design and Proposal Development  12
UGR7003  Research Integrity and Ethics  12
Thesis Units (36 credit points)

UGR7901  Year One Thesis A (Part-Time)  12
UGR7902  Year One Thesis B (Part-Time)  24
OR

UGR7903  Year One Thesis C (Full-Time)  36

Select 24 credit points (equivalent to 2 units) Elective Studies:

UGR7004  Introduction to Qualitative Research Methods  12
UGR7005  Introduction to Quantitative Research Methods  12
UGR7006  Enhancing Researcher Knowledge and Skills  12
UGR7007  Enhancing Research Capability  12
UGR7008  English Language for Graduate Researchers  12

YEARS 2 - 4

ASC8900  Society and Culture (Full-Time)  48
ASC8901  Society and Culture (Part-Time)  24

DOCTORAL DEGREE (PhD)

COURSE CODE: UPH

CAMPUS: Footscray Park

ABOUT THIS COURSE: Doctoral degree in Human Movement The Doctoral Degree (PhD) is an advanced research program offered across VU’s research focus areas and the major disciplines of the academic Colleges, which allows the student to conduct original research in an area that is both of interest to the student and of broader significance to the University, industry and the community, with the assistance of an experienced research supervisory team. The PhD includes:

- engagement in a substantial research project at the frontier of its field leading to the presentation of a thesis in an approved thesis format for examination against international standards through the University’s approved process for independent examination by at least two external expert examiners.
- a component of required coursework usually undertaken in the first semester of the program (full-time students) and the first year (part-time students), and other opportunities for the development of research, generic and transferable skills through participation in both formal and informal learning.

It promotes the development of research and research-related capabilities, with graduates expected to: 1. demonstrate a scholarly and enquiring mind, and evidence strong capabilities in

- research conceptualisation and design including reviewing of the literature
- the marshalling and critical analysis of data and evidence, and
- conceptual innovation in order to make a significant new contribution to knowledge and society;

2. demonstrate deep disciplinary immersion and broad interdisciplinary literacy, including methodological literacy; and 3. be a highly competent communicator of their research, including through demonstration of the capacity to present and defend their research in a wide variety of contexts such as refereed quality academic outlets appropriate to their field (eg ranked journals, good quality academic conferences, thesis, book chapter, monograph) and to less specialist audiences by public presentation. Training is provided to support the development of these research and research-related capabilities in the context of the discipline area, as well as the appropriate generic and transferable skills to allow students to become independent, competent and highly sought-after researchers equipped to pursue a research career in relevant industries and/or to become an academic.

COURSE OBJECTIVES: Graduates of this course have the academic knowledge, skills and attributes necessary to become capable, independent researchers, in order to be able to pursue a research-related or high-level professional career in their industry and/or as a Higher Education academic in their field of studies. The course objectives are to produce graduates who have:
• expert understanding of a substantial body of theory and its practical application at the forefront of a field of work or learning, including substantial expert knowledge of ethical research principles and methods applicable to the field.

• intellectual independence and cognitive skills to undertake a systematic investigation, reflect critically on theory and practice and evaluate existing knowledge and ideas, including identifying, evaluating and critically analysing the validity of research studies and their applicability to a research problem.

• expert cognitive, technical and creative skills to:

  • design, develop and implement a research project/s to systematically investigate a research problem.

  • develop, adapt and implement research methodologies to extend and redefine existing knowledge.

  • manage, analyse, evaluate and interpret data, synthesising key ideas and theorising within the context of key literature.

  • expert communication skills to explain and critique theoretical propositions, methodologies and conclusions; to disseminate and promote new insights; and to cogently present a complex investigation of originality, or original research, both for external examination and to specialist (eg researcher peers) and non-specialist (industry and/or community) audiences through informal interaction, scholarly publications, reports and formal presentations.

  • capacity to reflect on, develop and evaluate strategies for achieving their own learning and career goals.

  • intellectual independence, initiative and creativity in new situations and/or for further learning.

  • ethical practice and full responsibility and accountability for personal outputs.

  • autonomy, authoritative judgement, adaptability and responsibility as an expert and independent scholar.

Careers: Academic and research focused positions in the relevant fields of study.

Course Duration: 4 years

Admission Requirements: Completed a relevant Masters degree or four year undergraduate degree with Honours or its equivalent at a high standard.

Admission Requirements International: Achieved an IELTS, (Academic Module) result with an overall score of 6.5 (no band less than 6) or equivalent and completed a Masters degree or a relevant four year undergraduate degree with Honours or its equivalent at a high standard.

COURSE STRUCTURE

The PhD is a research based degree with a maximum duration of 4 years (full time) and 8 years (part time). As well as enrolling in Research Thesis units Doctor of Philosophy (Science) students will be required to complete two coursework units, ROP8001 and ROP8002. An average result of 70% is required in the compulsory coursework units in order to proceed to candidature confirmation. Ongoing progression is subject to policy and procedures for candidature management as per the VU HDR Policy.

Coursework Units

ROP8001 Conceptualising and Contextualising Research
ROP8002 Research Integrity and Ethics
SHM8900 Human Movement (Full-Time) 48
SHM8901 Human Movement (Part-Time) 24

Doctor of Philosophy
Course Code: UPSS
Campus: Footscray Park.

About this course: Doctoral degree in Sport and Recreation The Doctoral Degree (PhD) is an advanced research program offered across VU's research focus areas and the major disciplines of the academic Colleges, which allows the student to conduct original research in an area that is both of interest to the student and of broader significance to the University, industry and the community, with the assistance of an experienced research supervisory team. The PhD includes:

• engagement in a substantial research project at the frontier of its field leading to the presentation of a thesis in an approved thesis format for examination against international standards through the University's approved process for independent examination by at least two external expert examiners.

• a component of required coursework usually undertaken in the first semester of the program (full-time students) and the first year (part-time students), and other opportunities for the development of research, generic and transferable skills through participation in both formal and informal learning.

It promotes the development of research and research-related capabilities, with graduates expected to: 1. demonstrate a scholarly and enquiring mind, and evidence strong capabilities in

• research conceptualisation and design including reviewing of the literature

• the marshalling and critical analysis of data and evidence, and

• conceptual innovation in order to make a significant new contribution to knowledge and society;

2. demonstrate deep disciplinary immersion and broad interdisciplinary literacy, including methodological literacy; and 3. be a highly competent communicator of their research, including through demonstration of the capacity to present and defend their research in a wide variety of contexts such as refereed quality academic outlets appropriate to their field (eg ranked journals, good quality academic conferences, thesis, book chapter, monograph) and to less specialist audiences by public presentation. Training is provided to support the development of these research and research-related capabilities in the context of the discipline area, as well as the appropriate generic and transferable skills to allow students to become independent, competent and highly sought after researchers equipped to pursue a research career in relevant industries and/or to become an academic.

Course Objectives: Graduates of this course have the academic knowledge, skills and attributes necessary to become capable, independent researchers, in order to be able
to pursue a research-related or high-level professional career in their industry and/or as a Higher Education academic in their field of studies. The course objectives are to produce graduates who have:

- expert understanding of a substantial body of theory and its practical application at the frontier of a field of work or learning, including substantial expert knowledge of ethical research principles and methods applicable to the field.
- intellectual independence and cognitive skills to undertake a systematic investigation, reflect critically on theory and practice and evaluate existing knowledge and ideas, including identifying, evaluating and critically analysing the validity of research studies and their applicability to a research problem.
- expert cognitive, technical and creative skills to:
  - design, develop and implement a research project/s to systematically investigate a research problem.
  - develop, adapt and implement research methodologies to extend and redefine existing knowledge.
  - manage, analyse, evaluate and interpret data, synthesising key ideas and theorising within the context of key literature.
  - expert communication skills to explain and critique theoretical propositions, methodologies and conclusions; to disseminate and promote new insights; and to cogently present a complex investigation of originality, or original research, both for external examination and to specialist (eg researcher peers) and non-specialist (industry and/or community) audiences through informal interaction, scholarly publications, reports and formal presentations.
- capacity to reflect on, develop and evaluate strategies for achieving their own learning and career goals.
- intellectual independence, initiative and creativity in new situations and/or for further learning.
- ethical practice and full responsibility and accountability for personal outputs.
- autonomy, authoritative judgement, adaptability and responsibility as an expert and independent scholar.

Careers: Academic and research focused positions in the relevant fields of study.

Course Duration: 4 years

Admission Requirements: Completed a relevant Masters degree or four year undergraduate degree with Honours or its equivalent at a high standard.

Admission Requirements International: Achieved an IELTS (Academic Module) result with an overall score of 6.5 (no band less than 6) or equivalent and completed a Masters degree or a relevant four year undergraduate degree with Honours or its equivalent at a high standard.

COURSE STRUCTURE

The PhD is a research based degree with a maximum duration of 4 years (full time) and 8 years (part time). As well as enrolling in Research Thesis units Doctor of Philosophy (Science) students will be required to complete two coursework units, ROP8001 and ROP8002. An average result of 70% is required in the compulsory coursework units in order to proceed to candidature confirmation. Ongoing progression is subject to policy and procedures for candidature management as per the VU HDR Policy.

Coursework Units

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit</th>
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<tbody>
<tr>
<td>ROP8001</td>
<td>Conceptualising and Contextualising Research</td>
<td>48</td>
</tr>
<tr>
<td>ROP8002</td>
<td>Research Integrity and Ethics</td>
<td></td>
</tr>
<tr>
<td>SSR8900</td>
<td>Sport and Recreation (Full-Time)</td>
<td>48</td>
</tr>
<tr>
<td>SSR8901</td>
<td>Sport and Recreation (Part-Time)</td>
<td>24</td>
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UNITS

UGR7001 Introduction to Research Methodology

Locations: Footscray Park.

Prerequisites: Nil.

Description: Introduction to research methodology provides students with a comprehensive overview of a broad range of research paradigms and methodologies, with their ontological and epistemological underpinnings, as well as associated methods and techniques, in order to inform the design of methodologically sound research proposals and to develop their interdisciplinary methodological literacy as future researchers.

Credit Points: 12

Learning Outcomes: On successful completion of this unit, students will be able to:

- demonstrate an advanced understanding of a broad range of research paradigms and methodologies, including their ontological and epistemological foundations;
- critically reflect on a range of research paradigms and methodologies, their relationship with disciplines and bodies of literature, and their relevance to specific research problems and research methods and techniques;
- critically evaluate a range of studies that employ very different research paradigms and methodologies.

Class Contact: 3 hours per week of contact requiring presence in lectures, workshops, group work, presentations, blended learning activities etc, for a period of 10 weeks (total 30 hours), or equivalent. Approximately 9 hours per week of independent individual and group work on assignments and projects will also be required.

Required Reading: Reading material will be provided or specified in Unit Guides, with additional material provided through VU Collaborate.

Assessment: Pass mark: 50% Assignment, Short description of proposed methodology and methods to be used to gather, manage and analyse data, with brief justification, 10%. Presentation, Initial presentation of the planned study for feedback from peers and the lecturer, 20%. Research Paper, Research proposal including problem definition, literature review, proposed methodology, method and proposed analytical techniques (5000 words), 70%. Total word equivalence for the unit is 7000-8000 words. Assignment 700-800 Presentation 1400-1600 equivalent Research paper 4900-5600.

UGR7002 Research Design and Proposal Development

Locations: Footscray Park.

Prerequisites: Nil.

Description: Research design and proposal development provides students with an opportunity to develop their investigative, analytical and critical skills in order to design their Year 1 research project, which will be conceptualised as a sub-project of the PhD and examined through the 36 credit point Year 1 thesis (see thesis units UGR7091-8). In this unit students will, in consultation with the academic supervisor, produce the Research Proposal for their Year 1 project. The research conducted in Year 1 will inform and be integrated into the research for the PhD thesis to be undertaken in Years 2-4 of their enrolment.

Credit Points: 12

Learning Outcomes: On successful completion of this unit, students will be able to:

- identify and scope an academic research problem;
- analyse and evaluate relevant literature, including theory and its application, in order to situate their research within the literature, using high level cognitive and technical skills;
- design a substantial research-based piece of scholarship to investigate a research problem, using appropriate methodology and methods;
- present a coherent and sustained argument justifying their choice of methods and methodologies using high level communication and technical skills and awareness of ethical issues.

Class Contact: 3 hours per week of contact requiring presence in lectures, workshops, group work, presentations, blended learning activities etc, for a period of 10 weeks (total 30 hours), or equivalent. Approximately 9 hours per week of independent individual and group work on assignments and projects will also be required, including regular consultation with the College-based academic supervisor in relation to the development of the thesis proposal.

Required Reading: Reading material will be provided or specified in Unit Guides, with additional material provided through VU Collaborate.

Assessment: Pass mark: 50% Assignment, Short description of proposed methodology and methods to be used to gather, manage and analyse data, with brief justification, 10%. Presentation, Initial presentation of the planned study for feedback from peers and the lecturer, 20%. Research Paper, Research proposal including problem definition, literature review, proposed methodology, method and proposed analytical techniques (5000 words), 70%. Total word equivalence for the unit is 7000-8000 words. Assignment 700-800 Presentation 1400-1600 equivalent Research paper 4900-5600.

UGR7003 Research Integrity and Ethics

Locations: Footscray Park, City Flinders.

Prerequisites: Nil.

Description: This unit of study provides postgraduate researchers with the opportunity to gain advanced level understandings of integrity and ethics in relation to the conduct of research in a range of disciplinary contexts. It will develop the postgraduate researchers’ capacities to engage in current debates about research ethics and integrity, and to identify and develop positions on critical issues in research integrity and ethics in relation to their own research project area. Topics include research governance and community ethics, research conduct, authorship and intellectual property, research limits, consent and confidentiality, animal research and commercialising research.

Credit Points: 12

Learning Outcomes: On successful completion of this unit, students should be able to:

- demonstrate an advanced understanding of fundamental principles and current debates about ethics and integrity in research;
- demonstrate familiarity with relevant national codes and university policies that impact on research practice and appropriate conduct in various research environments;
- identify key issues of ethics and integrity that relate to their own area of research practice;
- demonstrate ability to critically evaluate options and approaches to resolve issues in research integrity and ethics that may arise in their field of research; and
• argue to defend a position in relation to research ethics and integrity as it relates to their own area of research practice and design of their own research project.

**Class Contact:** 3 hours per week of contact requiring presence in lectures, workshops, group work, presentations, blended learning activities etc, for a period of 10 weeks (total 30 hours), or equivalent. Approximately 9 hours per week of independent individual and group work on assignments and projects will also be required.

**Required Reading:** Universities 21 Program in Global Research Ethics and Integrity - online course resources. Reading material will be provided or specified in Unit Guides, with additional material provided through VU Collaborate.

**Assessment:** Pass mark 50% Portfolio, Reflective portfolio on ethics and integrity in research (1500-2500 words), 20%. Research Paper, Paper on research ethics and integrity in relation to proposed research area (2500-3500 words), 60%. Presentation, Poster presentation on an ethical or integrity issue in own field, 20%. Total word equivalence 7000-8000 words. Portfolio 1400-1600 Research paper 4200-4800 Presentation 1400-1600 equivalent.

**UGR7004 Introduction to Qualitative Research Methods**

**Locations:** Footscray Park.

**Prerequisites:** Nil.

**Description:** Introduction to qualitative research methods provides students with a comprehensive introduction to the principles and concepts of qualitative research methods and focuses in detail on some common qualitative approaches and techniques, including phenomenology, ethnography and narrative inquiry, which will be of potential relevance to the design of students’ own research.

**Credit Points:** 12

**Learning Outcomes:** On successful completion of this unit, students will be able to:

- demonstrate an advanced and integrated understanding of a broad range of qualitative methods applicable to their field;
- reflect critically on studies that employ a range of qualitative research methodologies and their applicability to research problems in their field, including the designs of research studies;
- apply cognitive, technical and creative skills to use and evaluate a broad range of qualitative research methods in the design of a substantial research-based piece of scholarship;
- gather, manage, analyse, evaluate and interpret a broad range of qualitative data;
- demonstrate the ability to use qualitative research software packages such as NVivo for exploratory data analysis; and
- present to an interdisciplinary audience a coherent and sustained argument justifying their choice of qualitative research methodologies and methods for a specific project, using high level communication and technical skills and awareness of ethical issues.

**Class Contact:** 3 hours per week of contact requiring presence in lectures, workshops, group work, presentations, blended learning activities etc, for a period of 10 weeks (total 30 hours), or equivalent. Approximately 9 hours per week of independent individual and group work on assignments and projects will also be required.

**Required Reading:** Reading material will be provided or specified in Unit Guides, with additional material provided through VU Collaborate.

**Assessment:** Pass mark 50% Assignment, Four short assignments that focus on skill development in qualitative methods and techniques, 40%. Presentation, Presentation following critical review of other studies, 20%. Assignment, Major Assignment designed to test in-depth understanding of qualitative methodologies and capacity to choose, employ and defend, 40%. Total word equivalence is 7000-8000 words. Assignment 2800-3200 Presentation 1400-1600 equivalent Assignment 2800-3200.

**UGR7005 Introduction to Quantitative Research Methods**

**Locations:** Footscray Park.

**Prerequisites:** Nil.

**Description:** Introduction to quantitative research methods provides students with a comprehensive introduction to the principles and concepts of quantitative research methods and focuses in detail on some common quantitative approaches and techniques, including survey and questionnaire design; introduction to statistical software SPSS and exploratory data analysis using SPSS; basics of parametric and non-parametric data analysis and hypothesis testing; and presenting outcomes from statistical analysis of research data, which will be of potential relevance to the design of students’ own research.

**Credit Points:** 12

**Learning Outcomes:** On successful completion of this Unit, students will be able to:

- demonstrate an advanced and integrated understanding of a broad range of quantitative methods applicable to their field;
- critically analyse the validity of a range of quantitative research methods and their applicability to research problems in their field, including the designs of research studies;
- apply cognitive, technical and creative skills to use and evaluate a broad range of quantitative research methods in the design of a substantial research-based piece of scholarship;
- gather, manage, analyse, evaluate and interpret a broad range of quantitative data;
- demonstrate an advanced understanding and use of complex sample surveys, and questionnaire design;
- demonstrate ability to use SPSS Statistics software for exploratory data analysis (parametric/nonparametric) and hypothesis testing; and
- present to an interdisciplinary audience a coherent and sustained argument justifying their choice of quantitative research methodologies and methods for a specific project, using high level communication and technical skills and awareness of ethical issues.

**Class Contact:** 3 hours per week of contact requiring presence in lectures, workshops, group work, presentations, blended learning activities etc, for a period of 10 weeks (total 30 hours), or equivalent. Approximately 9 hours per week of independent individual and group work on assignments and projects will also be required.

**Required Reading:** Reading material will be provided or specified in Unit Guides, with additional material provided through VU Collaborate.

**Assessment:** Pass mark 50% Presentation, Seminar Presentation following critical review of other studies, 20%. Examination, Final Exam designed to test in-depth understanding of introduction to quantitative methods and capacity to choose, employ and defend (3 hours), 40%. Assignment, Four short assignments focussing on methods and techniques, 40%. Total equivalence word equivalence is 7000-8000 words. Assignment 2800-3200 Presentation 1400-1600 equivalent Examination 2800-3200 equivalent.
UGR7006 Enhancing Researcher Knowledge and Skills

Locations: Footscray Park.

Prerequisites: Nil.

Description: This unit provides students with an opportunity to undertake a program of advanced study in order to gain mastery of an area of their discipline or of advanced skills related to their research project, as agreed with their Supervisor and College. Through negotiation with an academic supervisor and by agreement with their College, students identify a particular need they have and then embark on an agreed program of activities offered elsewhere in the university or externally, and/or a guided, largely independent in-depth critical study in the relevant area, in conformity with the learning volume and outcome of AQF 9. Students have a level of independence and flexibility in negotiating with the academic supervisor how they evidence their learning.

Credit Points: 12

Learning Outcomes: On successful completion of this unit, students will be able to:

- Undertake a specified set of advanced cognitive, technical and creative research skills, which may include critical analysis, reflection, and synthesis of complex information, problems, concepts and theories, necessary to successfully conduct their Year 1 research project (AQF9) as identified in their Learning Needs Analysis, agreed with their academic supervisor
- Interpret and transmit knowledge gained as a result of the specified set of advanced cognitive, technical and creative research skills to specialist and/or non-specialist audiences
- Demonstrate autonomy, expert judgement, adaptability and responsibility as a practitioner or learner.

Class Contact: 3 hours per week of contact requiring presence in lectures, workshops, group work, presentations, blended learning activities etc, for a period of 10 weeks (total 30 hours), or equivalent. Approximately 9 hours per week of independent individual and group work on assignments and projects will also be required.

Required Reading: Materials for use in and out of class will be provided using VU Collaborate.

Assessment: Pass mark 50% Assignment, Formal assessment where required by activity/ies undertaken Eg assignment, test, examination, essay etc for a whole unit undertaken or part thereof, 50%. Portfolio, Portfolio including a Learning Needs Analysis agreed with the academic supervisor and a critical reflection, 50%. Total word equivalence is 7000-8000 words. Relative value of the two assessments may be varied as appropriate to the curriculum negotiated between student and academic supervisor.

UGR7007 Enhancing Research Capability

Locations: Footscray Park.

Prerequisites: Nil.

Description: Enhancing research capability provides an opportunity for students to gain mastery of an advanced body of knowledge and advanced research skills in areas of research practice which have been identified as relevant to their research project but are not covered elsewhere in the year one program. Through negotiation with an academic supervisor and by agreement with their College, students identify a particular need they have and then embark on an agreed program of activities offered elsewhere in the university or externally, and/or a guided, largely independent in-depth critical study in the relevant area, in conformity with the learning volume and outcome of AQF 9. Students have a level of independence and flexibility in negotiating with the academic supervisor how they evidence their learning.

Credit Points: 12

Learning Outcomes: On successful completion of this unit, students will be able to:

- Communicate research information drawing on various research text types intended for various audiences with particular reference to their discipline (e.g., thesis, seminar presentation, article);
- Identify and exploit academic discourse conventions in their discipline to explain and critique theories, theoretical propositions, and methodologies;
- Demonstrate a critical understanding of and ability to employ discipline-specific linguistic and language elements in order to communicate appropriately within discipline conventions; and

UGR7008 English Language for Graduate Researchers

Locations: Footscray Park.

Prerequisites: Nil.

Description: English language for graduate researchers provides research students with a thorough grounding in culturally relevant academic writing conventions and English language features required to write, present and communicate with a variety of audiences appropriate to doctoral level studies. The development of research and language skills through this unit will complement discipline based research activities. Students undertaking the unit will be able to negotiate assessment tasks which may stem from these activities.

Credit Points: 12

Learning Outcomes: On successful completion of this unit, students will be able to:

- Interpret and transmit knowledge gained as a result of the specified set of advanced cognitive, technical and creative research skills to specialist and/or non-specialist audiences
- Demonstrate autonomy, expert judgement, adaptability and responsibility as a practitioner or learner.

Class Contact: 3 hours per week of contact requiring presence in lectures, workshops, group work, presentations, blended learning activities etc, for a period of 10 weeks (total 30 hours), or equivalent. Approximately 9 hours per week of independent individual and group work on assignments and projects will also be required.

Required Reading: Materials for use in and out of class will be provided using VU Collaborate.

Assessment: Pass mark 50% Assignment, Formal assessment where required by activity/ies undertaken Eg assignment, test, examination, essay etc for a whole unit undertaken or part thereof, 50%. Portfolio, Portfolio including a Learning Needs Analysis agreed with the academic supervisor and a critical reflection, 50%. Total word equivalence is 7000-8000 words. Relative value of the two assessments may be varied as appropriate to the curriculum negotiated between student and academic supervisor.
• demonstrate a proficiency in English academic writing conventions to support all aspects of the design and development work fundamental to AQF9 research activities.

Class Contact: 3 hours per week of contact requiring presence in lectures, workshops, group work, presentations, blended learning activities etc. for a period of 10 weeks (total 30 hours), or equivalent. Approximately 9 hours per week of independent individual and group work on assignments and projects will also be required.

Required Reading: Reading material will be provided or specified in Unit Guides, with additional material provided through VU Collaborate.

Assessment: Pass mark 50%. Journal, A reflective journal which includes at least 5 entries reflecting the various session topics (1000 words), 15%. Annotated Bibliography, An annotated bibliography of 6-8 texts (1000 words), 20%. Presentation, An oral class presentation comparing 2-3 readings found to be of relevance to the student's doctoral research (3-5 minutes), 20%. Literature Review, A literature review for an agreed aspect of the student's research topic (2500 words), 30%. Other, Discussion list postings on each of the session topics (10 x 200 word postings), 15%. Total word equivalence is 7000-8000 words. Journal 1050-1200. Annotated Bibliography 1400-1600. Presentation 1400-1600. Equivalent Literature Review 2100-2400. Postings 1050-1200.

UGR7901 Year One Thesis A (Part-Time)

Locations: Footscray Park.

Prerequisites: Nil.

Description: Year one research thesis contributes to the research student’s progress towards the production of a year one thesis in an approved thesis format for internal examination. In this unit of study, the student will be expected to demonstrate significant progress towards completion of the year one thesis.

Credit Points: 12

Learning Outcomes: On successful completion of each of the 3 iterations of this unit, the student will be able to demonstrate significant progress towards the following doctoral learning outcomes:

• expert understanding of a substantial body of theory and its practical application at the frontier of a field of work or learning, including substantial expert knowledge of ethical research principles and methods applicable to the field;
• intellectual independence and cognitive skills to undertake a systematic investigation, reflect critically on theory and practice and evaluate existing knowledge and ideas, including identifying, evaluating and critically analysing the validity of research studies and their applicability to a research problem;
• expert cognitive, technical and creative skills to design, develop and implement a research project/s to systematically investigate a research problem; to develop, adapt and implement research methodologies to extend and redefine existing knowledge; and to manage, analyse, evaluate and interpret data, synthesising key ideas and theorising within the context of key literature;
• expert communication skills to explain and critique theoretical propositions, methodologies and conclusions; to disseminate and promote new insights; and to cogently present a complex investigation of originality, or original research, both for external examination and to specialist (eg. researcher peers) and non-specialist (industry and/or community) audiences through informal interaction, scholarly publications, reports and formal presentations;
• capacity to reflect on, develop and evaluate strategies for achieving their own learning and career goals;
• intellectual independence, initiative and creativity in new situations and/or for further learning;
• ethical practice and full responsibility and accountability for personal outputs; and
• autonomy, authoritative judgment, adaptability and responsibility as an expert and leading scholar.

Class Contact: Regular meetings with academic supervisor and participation in agreed research professional development activities.

Required Reading: Materials for use in and out of class will be provided using VU Collaborate.

Assessment: The student will enrol in year one thesis units to the value of 36 credit points. Throughout, the student will demonstrate substantial progress towards completion of the year one thesis through formal meetings with their academic supervisors, who will provide formative feedback. On completion, the Year 1 thesis will be examined by a single examiner internal to VU. In cases where a student achieves a 70% average across the Coursework units but a grade of 40 - 69% in the thesis, the thesis will be referred to a second examiner and the average of the grades from both examiners will be the final grade. The examination process will be overseen by the College. Thesis, Year one research thesis, 100%. Total word equivalence for the 36 point year one thesis is 12,000-15,000 words.

UGR7902 Year One Thesis B (Part-Time)

Locations: Footscray Park.

Prerequisites: Nil.

Description: Year one research thesis contributes to the research student’s progress towards the production of a year one thesis in an approved thesis format for internal examination. In this unit of study the student will be expected to demonstrate significant progress towards completion of the year one thesis.

Credit Points: 24

Learning Outcomes: On successful completion of each of the 3 iterations of this unit, the student will be able to demonstrate significant progress towards the following doctoral learning outcomes:

• expert understanding of a substantial body of theory and its practical application at the frontier of a field of work or learning, including substantial expert knowledge of ethical research principles and methods applicable to the field;
• intellectual independence and cognitive skills to undertake a systematic investigation, reflect critically on theory and practice and evaluate existing knowledge and ideas, including identifying, evaluating and critically analysing the validity of research studies and their applicability to a research problem;
• expert cognitive, technical and creative skills to design, develop and implement a research project/s to systematically investigate a research problem; to develop, adapt and implement research methodologies to extend and redefine existing knowledge; and to manage, analyse, evaluate and interpret data, synthesising key ideas and theorising within the context of key literature;
- expert communication skills to explain and critique theoretical propositions, methodologies and conclusions; to disseminate and promote new insights; and to cogently present a complex investigation of originality, or original research, both for external examination and to specialist (eg. researcher peers) and non-specialist (industry and/or community) audiences through informal interaction, scholarly publications, reports and formal presentations;
- capacity to reflect on, develop and evaluate strategies for achieving their own learning and career goals;
- intellectual independence, initiative and creativity in new situations and/or for further learning;
- ethical practice and full responsibility and accountability for personal outputs; and
- autonomy, authoritative judgment, adaptability and responsibility as an expert and leading scholar.

Class Contact: Regular meetings with academic supervisor and participation in agreed research professional development activities.

Required Reading: Materials for use in and out of class will be provided using VU Collaborate.

Assessment: The student will enrol in year one thesis units to the value of 36 credit points. Throughout, the student will demonstrate substantial progress towards completion of the year one thesis through formal meetings with their academic supervisors, who will provide formative feedback. On completion, the Year 1 thesis will be examined by a single examiner internal to VU. In cases where a student achieves a 70% average across the Coursework units but a grade of 40 - 69% in the thesis, the thesis will be referred to a second examiner and the average of the grades from both examiners will be the final grade. The examination process will be overseen by the College. Thesis, Year one research thesis, 100%. Total word equivalence for the 36 point year one thesis is 12,000-15,000 words.

UGR7903 Year One Thesis C (Full-Time)

Locations: Footscray Park.

Prerequisites: Nil.

Description: Year one research thesis contributes to the research student’s progress towards the production of a year one thesis in an approved thesis format for internal examination. In this unit of study the student will be expected to demonstrate significant progress towards completion of the year one thesis.

Credit Points: 36

Learning Outcomes: On successful completion of each of the 3 iterations of this unit, the student will be able to demonstrate significant progress towards the following doctoral learning outcomes:

- expert understanding of a substantial body of theory and its practical application at the frontier of a field of work or learning, including substantial expert knowledge of ethical research principles and methods applicable to the field;
- intellectual independence and cognitive skills to undertake a systematic investigation, reflect critically on theory and practice and evaluate existing knowledge and ideas, including identifying, evaluating and critically analysing the validity of research studies and their applicability to a research problem;
- expert cognitive, technical and creative skills to design, develop and implement a research project, to systematically investigate a research problem; to develop, adopt and implement research methodologies to extend and redefine existing knowledge; and to manage, analyse, evaluate and interpret data, synthesising key ideas and theorising within the context of key literature;
- expert communication skills to explain and critique theoretical propositions, methodologies and conclusions; to disseminate and promote new insights; and to cogently present a complex investigation of originality, or original research, both for external examination and to specialist (eg. researcher peers) and non-specialist (industry and/or community) audiences through informal interaction, scholarly publications, reports and formal presentations;
- capacity to reflect on, develop and evaluate strategies for achieving their own learning and career goals;
- intellectual independence, initiative and creativity in new situations and/or for further learning;
- ethical practice and full responsibility and accountability for personal outputs; and
- autonomy, authoritative judgment, adaptability and responsibility as an expert and leading scholar.

Class Contact: Regular meetings with academic supervisor and participation in agreed research professional development activities.

Required Reading: Materials for use in and out of class will be provided using VU Collaborate.

Assessment: The student will enrol in year one thesis units to the value of 36 credit points. Throughout, the student will demonstrate substantial progress towards completion of the year one thesis through formal meetings with their academic supervisors, who will provide formative feedback. On completion, the Year 1 thesis will be examined by a single examiner internal to VU. In cases where a student achieves a 70% average across the Coursework units but a grade of 40 - 69% in the thesis, the thesis will be referred to a second examiner and the average of the grades from both examiners will be the final grade. The examination process will be overseen by the College. Thesis, Year one research thesis, 100%. Total word equivalence for the 36 point year one thesis is 12,000-15,000 words.

UGR7904 Year One Thesis D (Part-Time)

Locations: Footscray Park.

Prerequisites: Nil.

Description: Year one research thesis contributes to the research student’s progress towards the production of a year one thesis in an approved thesis format for internal examination. In this unit of study the student will be expected to demonstrate significant progress towards completion of the year one thesis.

Credit Points: 12

Learning Outcomes: On successful completion of each of the 3 iterations of this unit, the student will be able to demonstrate significant progress towards the following doctoral learning outcomes:

- expert understanding of a substantial body of theory and its practical application at the frontier of a field of work or learning, including substantial expert knowledge of ethical research principles and methods applicable to the field;
- intellectual independence and cognitive skills to undertake a systematic investigation, reflect critically on theory and practice and evaluate existing knowledge and ideas, including identifying, evaluating and critically analysing the validity of research studies and their applicability to a research problem;
- expert cognitive, technical and creative skills to design, develop and implement a research project/s to systematically investigate a research problem; to develop, adapt and implement research methodologies to extend and redefine existing knowledge; and to manage, analyse, evaluate and interpret data, synthesising key ideas and theorising within the context of key literature;
- expert communication skills to explain and critique theoretical propositions, methodologies and conclusions; to disseminate and promote new insights; and to cogently present a complex investigation of originality, or original research, both for external examination and to specialist (eg. researcher peers) and non-specialist (industry and/or community) audiences through informal interaction, scholarly publications, reports and formal presentations;
- capacity to reflect on, develop and evaluate strategies for achieving their own learning and career goals;
- intellectual independence, initiative and creativity in new situations and/or for further learning;
- ethical practice and full responsibility and accountability for personal outputs; and
- autonomy, authoritative judgment, adaptability and responsibility as an expert and leading scholar.

Class Contact: Regular meetings with academic supervisor and participation in agreed research professional development activities.

Required Reading: Materials for use in and out of class will be provided using VU Collaborate.

Assessment: The student will enrol in year one thesis units to the value of 36 credit points. Throughout, the student will demonstrate substantial progress towards completion of the year one thesis through formal meetings with their academic supervisors, who will provide formative feedback. On completion, the Year 1 thesis will be examined by a single examiner internal to VU. In cases where a student achieves a 70% average across the Coursework units but a grade of 40 - 69% in the thesis, the thesis will be referred to a second examiner and the average of the grades from both examiners will be the final grade. The examination process will be overseen by the College. Thesis, Year one research thesis, 100%. Total word equivalence for the 36 point year one thesis is 12,000-15,000 words.

UGR7905 Year One Thesis E (Part-Time)

Locations: Footscray Park.

Prerequisites: Nil.

Description: Year one research thesis contributes to the research student’s progress towards the production of a year one thesis in an approved thesis format for internal examination. In this unit of study the student will be expected to demonstrate significant progress towards completion of the year one thesis.

Credit Points: 24

Learning Outcomes: On successful completion of each of the 3 iterations of this unit, the student will be able to demonstrate significant progress towards the following doctoral learning outcomes:

- expert understanding of a substantial body of theory and its practical application at the frontier of a field of work or learning, including substantial expert knowledge of ethical research principles and methods applicable to the field;
- intellectual independence and cognitive skills to undertake a systematic investigation, reflect critically on theory and practice and evaluate existing knowledge and ideas, including identifying, evaluating and critically analysing the validity of research studies and their applicability to a research problem;
- expert cognitive, technical and creative skills to design, develop and implement a research project/s to systematically investigate a research problem; to develop, adapt and implement research methodologies to extend and redefine existing knowledge; and to manage, analyse, evaluate and interpret data, synthesising key ideas and theorising within the context of key literature;
- expert communication skills to explain and critique theoretical propositions, methodologies and conclusions; to disseminate and promote new insights; and to cogently present a complex investigation of originality, or original research, both for external examination and to specialist (eg. researcher peers) and non-specialist (industry and/or community) audiences through informal interaction, scholarly publications, reports and formal presentations;
- capacity to reflect on, develop and evaluate strategies for achieving their own learning and career goals;
- intellectual independence, initiative and creativity in new situations and/or for further learning;
- ethical practice and full responsibility and accountability for personal outputs; and
- autonomy, authoritative judgment, adaptability and responsibility as an expert and leading scholar.

Class Contact: Regular meetings with academic supervisor and participation in agreed research professional development activities.

Required Reading: Materials for use in and out of class will be provided using VU Collaborate.

Assessment: The student will enrol in year one thesis units to the value of 36 credit points. Throughout, the student will demonstrate substantial progress towards completion of the year one thesis through formal meetings with their academic supervisors, who will provide formative feedback. On completion, the Year 1 thesis will be examined by a single examiner internal to VU. In cases where a student achieves a 70% average across the Coursework units but a grade of 40 - 69% in the thesis, the thesis will be referred to a second examiner and the average of the grades from both examiners will be the final grade. The examination process will be overseen by the College. Thesis, Year one research thesis, 100%. Total word equivalence for the 36 point year one thesis is 12,000-15,000 words.

UGR7906 Year One Thesis F (Full-Time)

Locations: Footscray Park.

Prerequisites: Nil.

Description: Year one research thesis contributes to the research student’s progress towards the production of a year one thesis in an approved thesis format for internal examination. In this unit of study the student will be expected to demonstrate significant progress towards completion of the year one thesis.

Credit Points: 36
Learning Outcomes: On successful completion of each of the 3 iterations of this unit, the student will be able to demonstrate significant progress towards the following doctoral learning outcomes:

- expert understanding of a substantial body of theory and its practical application at the frontier of a field of work or learning, including substantial expert knowledge of ethical research principles and methods applicable to the field;
- intellectual independence and cognitive skills to undertake a systematic investigation, reflect critically on theory and practice and evaluate existing knowledge and ideas, including identifying, evaluating and critically analysing the validity of research studies and their applicability to a research problem;
- expert cognitive, technical and creative skills to design, develop and implement a research project/s to systematically investigate a research problem; to develop, adapt and implement research methodologies to extend and redefine existing knowledge; and to manage, analyse, evaluate and interpret data, synthesising key ideas and theorising within the context of key literature;
- expert communication skills to explain and critique theoretical propositions, methodologies and conclusions; to disseminate and promote new insights; and to cogently present a complex investigation of originality, or original research, both for external examination and to specialist (e.g. researcher peers) and non-specialist (industry and/or community) audiences through informal interaction, scholarly publications, reports and formal presentations;
- capacity to reflect on, develop and evaluate strategies for achieving their own learning and career goals;
- intellectual independence, initiative and creativity in new situations and/or for further learning;
- ethical practice and full responsibility and accountability for personal outputs; and
- autonomy, authoritative judgment, adaptability and responsibility as an expert and leading scholar.

Class Contact: Regular meetings with academic supervisor and participation in agreed research professional development activities.

Required Reading: Materials for use in and out of class will be provided using VU Collaborate.

Assessment: The student will enrol in year one thesis units to the value of 36 credit points. Throughout, the student will demonstrate substantial progress towards completion of the year one thesis through formal meetings with their academic supervisors, who will provide formative feedback. On completion, the Year 1 thesis will be examined by a single examiner internal to VU. In cases where a student achieves a 70% average across the Coursework units but a grade of 40 - 69% in the thesis, the thesis will be referred to a second examiner and the average of the grades from both examiners will be the final grade. The examination process will be overseen by the College. Thesis, Year one thesis, 100%. Total word equivalence for the 36 point year one thesis is 12,000-15,000 words.