

PHD COURSES HANDBOOK 2017

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.

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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, 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	
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.
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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.
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- 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	
APS8900	Psychology (Full-Time)	48
APS8901	Psychology (Part-Time)	24

Doctor of Philosophy

Course Code: UPAS

Campus: Footscray Nicholson, Footscray Park, St Albans.

About this course: 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 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	
ASC8900	Society and Culture (Full-Time)	48
ASC8901	Society and Culture (Part-Time)	24

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 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 complete 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
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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: UPBB

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.
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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.
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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

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Coursework Units

ROP8001	Conceptualising and Contextualising Research
ROP8002	Research Integrity and Ethics

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

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.
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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:

- 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.
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- 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 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.
- 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 complete 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
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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

ACR8900	Creative Arts (Full-Time)	48
ACR8901	Creative Arts (Part-Time)	24

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 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

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 complete 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:UPEA

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: 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 complete 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
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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		
BEC8900	Economics (Full-Time)	48
BEC8901	Economics (Part-Time)	24

Doctor of Philosophy

Course Code: UPEE

Campus: Footscray Park, City Queen, St Albans.

About this course: 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 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	
EED8900	Education (Full-Time)	48
EED8901	Education (Part-Time)	24

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:

- 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 complete 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
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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

HFS8900	Food Sciences and Technology (Full-Time)	48
HFS8901	Food Sciences and Technology (Part-Time)	24

Doctor of Philosophy (Integrated)

Course Code: UPGA

Campus: Werribee, Footscray Park.

About this course: Doctor of Philosophy (Integrated) in Engineering 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.
- 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 complete 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		
NEN8900	Engineering (Full-Time)	48
NEN8901	Engineering (Part-Time)	24

Doctor of Philosophy (Integrated)

Course Code:UPHA

Campus:Footscray Park.

About this course: Doctor of Philosophy (Integrated) in Human Movement 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.

- 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 complete 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
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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 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	
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 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	
HMB8900	Medical and Biological Sciences (Full-Time)	48
HMB8901	Medical and Biological Sciences (Part-Time)	24

Doctor of Philosophy

Course Code:UPHN

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 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	
HNM8900	Nursing and Midwifery Research Thesis (Full-Time)	48
HNM8901	Nursing and Midwifery (Part-Time)	24

Doctor of Philosophy (Integrated)

Course Code:UPIA

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 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:

- 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 complete 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
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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		
NIM8900	Information and Mathematical Sciences (Full-Time)	48
NIM8901	Information and Mathematical Sciences (Part-Time)	24

Doctor of Philosophy (Integrated)

Course Code:UPLA

Campus:Footscroy Park, City Queen.

About this course: Doctor of Philosophy (Integrated) in Law 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 (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 complete 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
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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

LLW8900	Law (Full-Time)	48
LLW8901	Law (Part-Time)	24

Doctor of Philosophy

Course Code: UPLL

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: UPMA

Campus: Werribee, Footscray Park.

About this course: Doctor of Philosophy (Integrated) in Medical and Biological 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 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.
- 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 complete 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
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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

HMB8900	Medical and Biological Sciences (Full-Time)	48
HMB8901	Medical and Biological Sciences (Part-Time)	24

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 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 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:

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

UGR7004	Introduction to Qualitative Research Methods	12
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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		
HNM8900	Nursing and Midwifery Research Thesis (Full-Time)	48
HNM8901	Nursing and Midwifery (Part-Time)	24

Doctor of Philosophy

Course Code: UPNE

Campus: Werribee, Footscray Park.

About this course: Doctoral degree in Engineering 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	
NEN8900	Engineering (Full-Time)	48
NEN8901	Engineering (Part-Time)	24

Doctor of Philosophy

Course Code: UPNI

Campus: Footscray Park.

About this course: Doctoral degree in Information and Mathematical 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 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	
NIM8900	Information and Mathematical Sciences (Full-Time)	48
NIM8901	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:

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

Doctor of Philosophy (Integrated)

Course Code:UPOA

Campus:Werribee, Footscray Park, St Albans.

About this course: Doctor of Philosophy (Integrated) in Science 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.
- 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 complete 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
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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

NSC8900 Science (Full-Time) 48

NSC8901 Science (Part-Time) 24

Doctor of Philosophy (Integrated)

Course Code:UPPA

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 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 complete 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
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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

APS8900	Psychology (Full-Time)	48
APS8901	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 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:

- 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 complete 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		
SSR8900	Sport and Recreation (Full-Time)	48
SSR8901	Sport and Recreation (Part-Time)	24

Doctor of Philosophy (Integrated)

Course Code:UPSA

Campus:Footscray Nicholson, Footscray Park, St Albans.

About this course: Doctor of Philosophy (Integrated) in Society and Culture 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.
- 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 complete 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
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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

Doctor of Philosophy

Course Code: UPSH

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 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	
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

ROP8001	Conceptualising and Contextualising Research	
ROP8002	Research Integrity and Ethics	
SSR8900	Sport and Recreation (Full-Time)	48
SSR8901	Sport and Recreation (Part-Time)	24

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% Exercise, Critical review of methodologies from selected research papers (group exercise), 20%. Presentation, Analysis and critique of a group of studies from a methodological perspective, 30%. Essay, Theoretical essay on comparative research paradigms and methodologies, 50%. Total word equivalence is 7000-8000 words. Exercise 1400-1600 Presentation 2100-2400 equivalent Essay 3500-4000.

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 UGR7091-6). 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 areas 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: Universitas 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 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:

- 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.

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:

- communicate research information drawing on various research text types intended for various audiences with particular reference to their discipline (eg. 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

- 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 Lit 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/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. .

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 (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 thesis, 100%. Total word equivalence for the 36 point year one thesis is 12,000-15,000 words. .

