

201BE Doctor of Philosophy - Business and Economics

Year and Campus:	2014 - Parkville
CRICOS Code:	056955G
Fees Information:	Subject EFTSL, Level, Discipline & Census Date, http://enrolment.unimelb.edu.au/fees
Level:	Research Higher Degree
Duration & Credit Points:	Students are expected to complete this research in 3.00 years full time, or equivalent part time. Credit Points: 300
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Course Overview:	<p>The degree of Doctor of Philosophy signifies that the holder has undertaken a substantial piece of original research, which has been conducted and reported by the holder under proper academic supervision and in a research environment for a prescribed period.</p> <p>The PhD thesis demonstrates authority in the candidate's field and shows evidence of command of knowledge in relevant fields. It shows that the candidate has a thorough grasp of the appropriate methodological techniques and an awareness of their limitations. The thesis also makes a distinct contribution to knowledge. Its contribution to knowledge rests on originality of approach and / or interpretation of the findings and, in some cases, the discovery of new facts. The thesis demonstrates an ability to communicate research findings effectively in the professional arena and in an international context. It is a careful, rigorous and sustained piece of work demonstrating that a research 'apprenticeship' is complete and the holder is admitted to the community of scholars in the discipline.</p> <p>In scope, the PhD thesis differs from a research Masters thesis chiefly by its deeper and more comprehensive treatment of the chosen subject. It is written succinctly, in English, unless approval has been given for the thesis to be written in a language other than English. The normal length of a PhD thesis is 80,000 words, exclusive of words in tables, maps, bibliographies and appendices. Footnotes are included as part of the word limit. The thesis should not exceed 100,000 words (or equivalent) without special approval from the Research Higher Degrees Committee.</p>
Learning Outcomes:	<p>A PhD thesis should:</p> <ul style="list-style-type: none"> # constitute a careful, rigorous and sustained piece of work demonstrating that a research apprenticeship is complete and the holder is admitted to the community of scholars in the discipline; # demonstrate authority in the candidates field and show evidence of command of knowledge in relevant fields; # demonstrate a thorough grasp of the appropriate methodological techniques and an awareness of their limitations; # make a contribution to knowledge that rests on originality of approach and/or interpretation of the findings and, in some cases, the discovery of new facts; and # demonstrate the candidates ability to communicate research findings effectively in the professional arena and in an international context.
Course Structure & Available Subjects:	<p>About the PhD</p> <p>For those who wish to undertake extensive research and develop expertise in this discipline. In Australia, the majority of research graduates take on professional roles in business, government and other organisations, while about one third go on to careers in academia.</p> <p>Candidates for the degree of Doctor of Philosophy must demonstrate a capacity for independent research and must make an original contribution to learning. Candidates are required to present</p>

a thesis in such a form as the Academic Board may from time to time prescribe. Advice is available from the relevant Head of Department or the School of Graduate Research.

Course Structure: 4 Year Doctoral Program

The Departments of **Accounting, Economics, and Finance** offer a four year Doctoral Program with a preliminary year in which the candidate is enrolled in a coursework degree. Upon successful completion of this preliminary year with an average of 75% or above, the candidate is enrolled in the PhD, which begins with a coursework year. In the third and fourth years of the Program candidates complete a research thesis. Confirmation of candidature is approved on the basis of successful completion of the coursework subjects and an approved thesis proposal. The decision towards the degree is entirely based on the examination of the thesis. Examiners of the thesis are informed that the candidate has undertaken a course of study by thesis and coursework component, and that the thesis may be shorter than one presented by a candidate pursuing the degree by research alone, but should be comparable in research quality.

Course Structure: PhD with Coursework

The Department of **Management and Marketing** offers a three year PhD with a coursework component. The coursework is undertaken during the first year, followed by two years of full-time research. Confirmation of candidature is approved on the basis of successful completion of the coursework subjects and an approved thesis proposal. The decision towards the degree is entirely based on the examination of the thesis. Examiners of the thesis are informed that the candidate has undertaken a course of study by thesis and coursework component, and that the thesis may be shorter than one presented by a candidate pursuing the degree by research alone, but should be comparable in research quality.

Course Structure: PhD by Thesis only

The **Centre for Actuarial Studies** offers a three year PhD by Thesis only.

A detailed information booklet, 'The Degree of Doctor of Philosophy' is available from the Melbourne School of Graduate Research, The University of Melbourne.

Subject Options:

Doctoral Program (Accounting)

Course Structure

The first year of the Doctoral Program in Accounting is a PhD Preliminary Year during which students will be enrolled in the Master of Commerce (Accounting). This year will consist of coursework. Students who attain an average of at least 75% in the Preliminary Year will proceed as probationary candidates to the PhD degree.

To advance from probationary candidature to confirmed candidature, students must pass all the required coursework subjects in the first year of the PhD (the second year of the Doctoral Program) and present an acceptable dissertation proposal. To proceed to confirmation, the student must have an overall grade equal to or greater than 75%. Post-confirmation, in years three and four of the program, students will conduct research leading to the completion of their dissertation.

Year 1

Semester 1:

Core Subjects

Subject	Study Period Commencement:	Credit Points:
ACCT90020 Management Accounting Research	Semester 1	12.50
ACCT90019 Financial Accounting Research	Semester 1	12.50

Plus one of the following economics subjects:

Subject	Study Period Commencement:	Credit Points:
ECON90002 Microeconomics	Semester 1	12.50
ECON90063 Advanced Microeconomics	Semester 1	12.50

Plus one of the following econometrics subjects:

Subject	Study Period Commencement:	Credit Points:
ECOM90002 Econometrics	Semester 1	12.50
ECOM90013 Econometric Techniques	Semester 1	12.50

Semester 2:

Core Subjects

Subject	Study Period Commencement:	Credit Points:
ACCT90003 Accounting Research Report	Semester 2	12.50
ECON90062 Behavioural Economics:Accounting&Finance	Semester 2	12.50

Plus two elective subjects chosen from economics, econometrics, statistics, mathematics, management or psychology subjects at a graduate or advanced undergraduate level relevant to the student's research interests. These subjects will be chosen in consultation with the Graduate Research Director.

Year 2

Semester 1:

Core Subjects

Subject	Study Period Commencement:	Credit Points:
ACCT90021 Auditing Research	Semester 2	12.50
ACCT90019 Financial Accounting Research	Semester 1	12.50

Plus two elective subjects chosen from economics, econometrics, statistics, mathematics, management or psychology subjects at a graduate or advanced undergraduate level relevant to the student's research interests. These subjects will be chosen in consultation with the Graduate Research Director.

Semester 2:

Core Subject

Subject	Study Period Commencement:	Credit Points:
ACCT90020 Management Accounting Research	Semester 1	12.50

Plus two elective subjects chosen from economics, econometrics, statistics, mathematics, management or psychology subjects at a graduate or advanced undergraduate level relevant to the student's research interests. These subjects will be chosen in consultation with the Graduate Research Director.

Years 3 and 4

The final 2 years of the program consist of thesis research, including confirmation, submission of thesis and completion.

The award of the PhD is based solely on the result of the thesis.

Doctoral Program (Economics and MIAESR)

Course Structure

The first year of the Doctoral Program in Economics is a PhD Preliminary Year during which students will be enrolled in the second year of the Master of Economics. This year will consist

of coursework. Students who attain an average of at least 75% in the Preliminary Year will proceed as probationary candidates to the PhD degree.

Confirmation of candidature is approved on the basis of successful completion of the coursework subjects and an approved thesis proposal. Post-confirmation, in years three and four of the program, students will conduct research leading to the completion of their dissertation.

Year 1

Core Subjects

Subject	Study Period Commencement:	Credit Points:
ECON90002 Microeconomics	Semester 1	12.50
ECON90003 Macroeconomics	Semester 1	12.50
ECOM90005 Advanced Econometric Techniques	Semester 1	12.50
ECON90012 Microeconomics II	Semester 2	12.50
ECON90014 Macroeconomics II	Semester 2	12.50
ECOM90014 Advanced Econometric Techniques 2	Semester 2	12.50

Plus, either a 25 point Economics Research Report, or ECON90053 Mathematics for Economists and an elective to be determined by the PhD Director.

Year 2

Two Core Subjects:

Subject	Study Period Commencement:	Credit Points:
ECON90055 Computational Economics	Semester 1	12.50
ECON90056 World Economic History	Semester 2	12.50

Plus two Elective Subjects from:

Subject	Study Period Commencement:	Credit Points:
ECON90064 Advanced Studies in Economics 1	Semester 1	12.50
ECON90065 Advanced Studies in Economics 2	Semester 2	12.50
ECOM90018 Advanced Studies in Econometrics 1	Semester 1	12.50
ECOM90019 Advanced Studies in Econometrics 2	Semester 2	12.50
ECON90067 Special Topics in Economics 2	Semester 2	12.50

or equivalent subjects as approved by the Director of the Doctoral Program,

AND:

Subject	Study Period Commencement:	Credit Points:
ECON90059 Economics Thesis Workshop	Semester 1, Semester 2	12.50

Years 3 and 4

The final 2 years of the program consist of thesis research, including confirmation, submission of thesis and completion.

The award of the PhD is based solely on the result of the thesis.

Doctoral Program (Finance)

Course Structure

The first year of the Doctoral Program in Finance is a PhD Preliminary Year during which students will be enrolled in the Master of Commerce (Finance). This year will consist of coursework and a minor research paper. Students who attain an average of at least 75% in the Preliminary Year, will proceed as probationary candidates to the PhD degree.

To advance from probationary candidature to confirmed candidature, students must pass all the required coursework subjects in the first year of the PhD (the second year of the Doctoral Program) and present an acceptable dissertation proposal. To proceed to confirmation, the student must have an overall grade equal to or greater than 75%. Post-confirmation, in years three and four of the program, students will conduct research leading to the completion of their dissertation.

Year 1

Core Subjects

Subject	Study Period Commencement:	Credit Points:
FNCE90002 Foundations of Finance	Semester 2	12.50
FNCE90005 Advanced Derivative Securities	Semester 2	12.50
FNCE90007 Advanced Investments	Semester 1	12.50
FNCE90009 Research Report (Finance)	Semester 1, Semester 2	12.50

Plus one of the following subjects from the Economics area

Subject	Study Period Commencement:	Credit Points:
ECON30024 Economics of Financial Markets	Semester 1	12.50
ECON40001 Advanced Microeconomics	Semester 1	12.50
ECON90002 Microeconomics	Semester 1	12.50
ECON30019 Behavioural Economics	Semester 2	12.50

Plus one of the following subjects from the Econometrics area

Subject	Study Period Commencement:	Credit Points:
ECOM90013 Econometric Techniques	Semester 1	12.50
ECOM90002 Econometrics	Semester 1	12.50

Plus two of the following subjects from the Mathematics area

Subject	Study Period Commencement:	Credit Points:
MAST20026 Real Analysis	Semester 1, Semester 2	12.50
ECON30020 Mathematical Economics	Semester 2	12.50
ECON90053 Mathematics for Economists	Semester 1	12.50
MAST30001 Stochastic Modelling	Semester 2	12.50
MAST90027 The Practice of Statistics	Semester 2	12.50
MAST90051 Mathematics of Risk	Semester 2	12.50
MAST90057 Elements of Probability	Semester 1	12.50

MAST90058 Elements of Statistics	Semester 2	12.50
MAST90059 Stochastic Calculus with Applications	Not offered 2014	12.50
MAST90061 Modern Statistical Methods	Not offered 2014	12.50
MAST90062 Probability & Mathematical Statistics I	Semester 1	12.50

Year 2**Core Subjects**

Subject	Study Period Commencement:	Credit Points:
FNCE90059 Finance Thesis Workshop	Semester 1, Semester 2	12.50
FNCE90041 Finance Theory - Investments	Semester 2	12.50
FNCE90042 Finance Theory - Corporate Finance	Semester 2	12.50

Plus one of the following subjects from the Economics area

Subject	Study Period Commencement:	Credit Points:
ECON90002 Microeconomics	Semester 1	12.50
ECON90012 Microeconomics II	Semester 2	12.50
ECON40001 Advanced Microeconomics	Semester 1	12.50

Plus one of the following subjects from the Econometrics area

Subject	Study Period Commencement:	Credit Points:
ECOM90013 Econometric Techniques	Semester 1	12.50
ECOM90003 Applied Microeconomic Modelling	Semester 2	12.50
ECOM90004 Time Series Analysis and Forecasting	Semester 2	12.50
ECOM90005 Advanced Econometric Techniques	Semester 1	12.50
ECOM90011 Financial Econometrics	Semester 2	12.50

Plus two subjects from the Economics/Econometrics/Mathematics areas, **OR**

Subject	Study Period Commencement:	Credit Points:
FNCE90043 Special Topics in Finance	April	12.50

Years 3 and 4

The final 2 years of the program consist of thesis research, including confirmation, submission of thesis and completion.

The award of the PhD is based solely on the result of the thesis.

PhD with Coursework (Management and Marketing)

The objectives of the Doctor of Philosophy (PhD) in the Department of Management and Marketing are:

- to enable doctoral students in Management and Marketing to gain a common understanding of the research process;
- to enable doctoral students in Management and Marketing to develop research skills at the start of their candidature; and

- to prepare doctoral students for an academic career in Management or Marketing.

Duration

The duration of the PhD program is three years full time or six years part time.

Commencement

Commencement is only available at the start of semester one (February/March) of any given year. Candidates must commence their studies within the first two weeks of semester.

Structure

The PhD in Management and Marketing requires students to complete two coursework subjects and a research thesis.

In the first year of their candidature students undertake two coursework subjects that introduce the key topics and decisions relevant to research in the management and marketing domains. The specific expectations of the Department are also outlined. These two subjects are:

Subject	Study Period Commencement:	Credit Points:
MGMT90034 Research Decisions in Mgmt & Mktg	Semester 1	12.50
MGMT90035 Research Methods in Mgmt & Mktg	Semester 1, Semester 2	12.50

These subjects are marked on a pass/fail basis.

Candidates also commence work on their research thesis in their first year of candidature. The thesis must be based on original work, and candidates should aim for it to be approximately 80,000 words in length in its completed form.

In the second and third full time (or equivalent) years of the program, students continue to work on their thesis.

Confirmation

Candidates should be aware that when they are accepted into the program, they are admitted as a probationary candidate. At the end of their first year of studies students must undertake the confirmation process. In order to meet the requirements of the confirmation process students must have:

- passed the two coursework subjects;
- produced a written report deemed satisfactory by the Confirmation Committee that details what the candidate has undertaken and learned since commencing their studies; and
- given a formal presentation to staff and higher degree research students of the department on their findings to date.

Assessment

The award of the PhD is based solely on the result of the thesis. The thesis will be assessed by two external examiners.

PhD (Actuarial Studies)

Duration

Three years full-time or equivalent part-time. Available by Research Thesis **only** (no coursework).

Entry Requirements:

The criteria for assessing applicants' eligibility for PhD candidature are:

1. Minimum qualifications

Applicants are normally required to have completed at least a four-year honours degree at H2A standard from an Australian university, or a qualification or combination of qualifications considered by the RHD Committee to be equivalent. For particular disciplines applicants are also required to complete, at an appropriate level, a Graduate Management Admissions Test (GMAT) or a Graduate Record Entry (GRE) test.

2. Minimum level of academic achievement

Applicants should have achieved an overall H1 (80-100%) or H2A (75-79%) grade in the relevant honours or Masters degree.

3. Relevance of the degree

	<p>The completed degree must be in an area that is relevant to the intended PhD, including sufficient specialisation such that the applicant will have already developed an understanding and appreciation of a body of knowledge relevant to the intended PhD.</p> <p>4. Evidence of research ability Applicants are normally required to have completed a research project/component that accounts for at least 25% of their year's work at 4th year or at Masters level. Graduates of certain professional degrees at the University of Melbourne, including MBBS, BVSc, LLB, BPhysio and BEng are deemed to have met this requirement.</p> <p>5. Currency of applicant's knowledge of the discipline The applicant's degree/s and/or professional experience must demonstrate that their knowledge of the discipline in which they plan to undertake their research higher degree is current.</p> <p>6. Assessment of level of commitment Based on interview or other communication, an assessment should be made of the level of understanding, motivation and time commitment of the student for the proposed program of study. For example, a full-time student would be expected to devote at least 40 hours a week and a part-time student about half of this.</p> <p>Applicants must also meet the University's English Language requirements.</p> <p>Additional criterion: your area of interest, see http://www.gsbe.unimelb.edu.au/future/admissions/how_research.html (http://www.gsbe.unimelb.edu.au/future/admissions/how_research.html)</p> <p>All applicants are required to submit an official GMAT or GRE test result as part of their application.</p>
<p>Core Participation Requirements:</p>	<p><p>For the purposes of considering request for Reasonable Adjustments under the Disability Standards for Education (Cwth 2005), and Student Support and Engagement Policy, academic requirements for this subject are articulated in the Subject Overview, Learning Outcomes, Assessment and Generic Skills sections of this entry.</p> <p>It is University policy to take all reasonable steps to minimise the impact of disability upon academic study, and reasonable adjustments will be made to enhance a student's participation in the University's programs. Students who feel their disability may impact on meeting the requirements of this subject are encouraged to discuss this matter with a Faculty Student Adviser and Student Equity and Disability Support: http://services.unimelb.edu.au/disability</p></p>
<p>Graduate Attributes:</p>	<p>Research degrees at the University of Melbourne seek to develop graduates who demonstrate academic leadership, increasing independence, creativity and innovation in their research work. The University expects its research degree graduates to have the following qualities and skills: an ability to initiate research and to formulate viable research questions; a demonstrated capacity to design, conduct and report sustained and original research; the capacity to contextualise research within an international corpus of specialist knowledge; an ability to evaluate and synthesize research-based and scholarly literature; an understanding of key disciplinary and multi-disciplinary norms and perspectives relevant to the field; highly developed problem-solving abilities and flexibility of approach; the ability to analyse critically within and across a changing disciplinary environment; the capacity to disseminate the results of research and scholarship by oral and written communication to a variety of audiences; a capacity to cooperate with and respect the contributions of fellow researchers and scholars; a profound respect for truth and intellectual integrity, and for the ethics of research and scholarship; an advanced facility in the management of information, including the application of computer systems and software where appropriate to the student's field of study; an understanding of the relevance and value of their research to national and international communities of scholars and collaborators; an awareness where appropriate of issues related to intellectual property management and the commercialisation of innovation; and an ability to formulate applications to relevant agencies, such as funding bodies and ethics committees. The University provides a variety of opportunities in addition to the supervised research program, to facilitate a students' acquisition of these attributes.</p>
<p>Notes:</p>	<p>Application Procedure Detailed information for prospective research higher degree students regarding the application process, including the application form is available at http://futurestudents.unimelb.edu.au/admissions/applications/research (http://futurestudents.unimelb.edu.au/admissions/applications/research) . Applications are accepted year-round. PhD applicants should discuss their research interests with a potential supervisor at the department in which they would like to enrol prior to submitting an application.</p>

The **Find an Expert** (<http://www.findanexpert.unimelb.edu.au/>) website may assist you to find an appropriate supervisor. Prospective PhD candidates should also investigate department websites for information on current research and contact details. Department websites are easily accessed from the **faculty homepage** (<http://fbe.unimelb.edu.au/>) .

Which scholarship can I apply for?

Students can find information about graduate research scholarships offered by the University of Melbourne at the **Melbourne Scholarships Office** (<http://services.unimelb.edu.au/scholarships/research>) .

Facilities and Supports:

The Melbourne School of Graduate Research makes available a broad range of **Programs & Services** (<http://gradresearch.unimelb.edu.au/programs/>) available to graduate research students.

Residency

The RHD Committee of the University will not approve entirely distance supervision or entirely on-line supervision for graduate researchers.