

MR-PHILENG Master of Philosophy - Engineering

Year and Campus:	2016 - Parkville
CRICOS Code:	061951C
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 2.00 years full time, or equivalent part time. Credit Points: 0
Coordinator:	Associate Dean (Research Training)
Contact:	<p>Melbourne School of Engineering Ground Floor, Old Engineering (Building 173)</p> <p>Prospective students: Visit http://www.eng.unimelb.edu.au/study/research/ (http://www.eng.unimelb.edu.au/study/research/) Enquiries https://enquiry.app.unimelb.edu.au/?cc=MSE-ALL&fn=MSE (https://enquiry.app.unimelb.edu.au/?cc=MSE-ALL&fn=MSE)</p> <p>Current Students: Email: 13MELB@unimelb.edu.au (mailto:13MELB@unimelb.edu.au) Phone: 13 MELB (13 6352) +(61 3) 9035 5511</p>
Course Overview:	<p>The Master of Philosophy is an internationally recognised masters (by research) degree. It is designed for students to develop advanced skills in undertaking independent and sustained research. The thesis should demonstrate a critical application of specialist knowledge and should be an independent contribution to existing scholarship in the area of research.</p> <p>The normal length of an Master of Philosophy thesis is 30,000-40,000 words, exclusive of words in tables, maps, bibliographies and appendices. Footnotes are included as part of the word limit.</p> <p>A candidate will have appropriately experienced supervisor(s) and an advisory committee who in consultation with the candidate, arranges a course of supervised research designed to suit the individuals requirements and interests of the candidate. A candidate may be required to supplement their research program by attendance at, or enrolment in, additional subjects if considered necessary by the supervisor(s). All students are required to attend departmental seminars over the period of their candidature.</p> <p>Duration</p> <p>The duration of the Master of Philosophy candidature is 18 months (full-time equivalent). Extensions of up to a total of six months (full-time equivalent) may be allowed. The Research Training Scheme (RTS) is available for a maximum of two years (full-time equivalent). To be eligible to submit a thesis, students must be enrolled in their course for the minimum period of 12 months full-time equivalent.</p> <p>Intake</p> <p>Students may commence an MR-PHILENG (Master of Philosophy-Engineering) at any time during the year subject to prior arrangement with their nominated supervisor.</p> <p>Graduate research students in the School of Engineering are required to enrol in coursework components. Enrolment in these coursework subjects is dependent on commencement in the Master of Philosophy-Engineering prior to the first day of scheduled classes. Students are encouraged to enrol into their graduate research degree prior to Semester 1 or Semester 2 class commencement if they are intending to enrol in coursework subjects in the corresponding semester.</p> <p>Please check with the relevant department prior to making any arrangements for enrolment or travel.</p>

Learning Outcomes:	<p>On completion of the course students should be able to:</p> <ul style="list-style-type: none"> # Demonstrate advanced learning in research skills and mastery of appropriate techniques, such as the use of archival or primary evidence, analysis of data, judgment of conflicting evidence etc; # Demonstrate specialist knowledge in the area of their research # Present the results of their research in publishable quality or work towards incorporating their findings in further research # Gain access to certain types of employment through this specialist qualification # Demonstrate an understanding of, and commitment to, research ethics or code of practice. 																					
Course Structure & Available Subjects:	<p>Coursework Component</p> <p>Students are required to successfully complete a minimum of two and a maximum of four coursework subjects throughout their Master of Philosophy-Engineering candidature.</p> <p>Awarding of Final Mark & Grade</p> <p>Students must successfully complete the required coursework component in order to be awarded the Master of Philosophy-Engineering. Where there is a coursework component the final mark and grade for the degree is the mark and grade awarded for the thesis.</p> <p>Conversion to PhD</p> <p>All students are required to successfully complete a minimum of two coursework subjects before they are eligible to apply to convert from the Master of Philosophy Engineering (MR-PHILENG) to Doctor of Philosophy Engineering (DR-PHILENG).</p>																					
Subject Options:	<p>All students are required to successfully complete a minimum of two and a maximum of four coursework subjects. Coursework subjects should be selected from the list below with the requires approval of the student's supervisor.</p> <p>If a student does not have sufficient background in the subjects or their area of research, they may be required by the supervisory panel to take preliminary undergraduate subjects or complementary subjects such as 'LING90002 Presenting Academic Discourse' or 'MAST90007: Statistics for Research Workers'. Preliminary undergraduate and complementary subjects will not count towards the postgraduate level coursework requirement for Master of Philosophy-Engineering.</p> <p>Students in the following Departments may select subjects from the complete list below;</p> <ul style="list-style-type: none"> • Chemical and Biomolecular Engineering • Computing and Information Systems • Infrastructure Engineering • Mechanical Engineering. <p>Graduate/Postgraduate subjects NOT listed below may be selected in consultation with the student's supervisor and endorsements from the subject coordinator and Head of Department or their nominee.</p> <p>Students in Electrical and Electronic Engineering must select from the Electrical and Electronic Engineering list.</p> <p>Subjects Available:</p> <p>Chemical and Biomolecular Engineering</p> <table border="1" data-bbox="389 1630 1485 2056"> <thead> <tr> <th>Subject</th> <th>Study Period Commencement:</th> <th>Credit Points:</th> </tr> </thead> <tbody> <tr> <td>BIEN90004 Biochemical & Pharmaceutical Engineering</td> <td>Semester 2</td> <td>12.5</td> </tr> <tr> <td>BMEN90011 Tissue Engineering & Stem Cells</td> <td>Semester 2</td> <td>12.5</td> </tr> <tr> <td>BMEN90012 Soft Matter Engineering</td> <td>Semester 1</td> <td>12.5</td> </tr> <tr> <td>CHEN90007 Advanced Thermo & Reactor Engineering</td> <td>Semester 2</td> <td>12.50</td> </tr> <tr> <td>CHEN90010 Minerals, Materials and Recycling</td> <td>Semester 2</td> <td>12.50</td> </tr> <tr> <td>CHEN90011 Bioenvironmental Engineering</td> <td>Semester 2</td> <td>12.50</td> </tr> </tbody> </table>	Subject	Study Period Commencement:	Credit Points:	BIEN90004 Biochemical & Pharmaceutical Engineering	Semester 2	12.5	BMEN90011 Tissue Engineering & Stem Cells	Semester 2	12.5	BMEN90012 Soft Matter Engineering	Semester 1	12.5	CHEN90007 Advanced Thermo & Reactor Engineering	Semester 2	12.50	CHEN90010 Minerals, Materials and Recycling	Semester 2	12.50	CHEN90011 Bioenvironmental Engineering	Semester 2	12.50
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CHEN90012 Process Equipment Design	Semester 1	12.5
CHEN90018 Particle Mechanics and Processing	Semester 1	12.5
CHEN90019 Advanced Heat & Mass Transport Processes	Semester 1	12.50
CHEN90027 Carbon Capture and Storage	Semester 1	12.50
CHEN90031 Bioprocess Engineering	Semester 1	12.5
CHEN90032 Process Dynamics And Control	Semester 2	12.5
CHEN90034 Research Methods	Semester 1	12.50
CHEN90035 Advanced Topics in Chemical Engineering	January	12.5
CHEN90036 Recent Advances in Separation Processes	Semester 2	12.5
ENGR90024 Computational Fluid Dynamics	Semester 1	12.50
ENGR90029 Analysing Energy Systems	Semester 1	12.5
FOOD90029 Food Engineering	Semester 1	12.5

Computing and Information Systems

Subject	Study Period Commencement:	Credit Points:
BINF90002 Elements of Bioinformatics	Semester 1	12.50
COMP90007 Internet Technologies	Semester 1, Semester 2	12.50
COMP90014 Algorithms for Functional Genomics	Semester 2	12.50
COMP90015 Distributed Systems	Semester 1, Semester 2	12.50
COMP90016 Computational Genomics	Semester 1	12.50
COMP90017 Sensor Networks and Applications	Not offered 2016	12.50
COMP90018 Mobile Computing Systems Programming	Semester 2	12.50
COMP90019 Distributed Computing Project	Semester 1, Semester 2	25
COMP90020 Distributed Algorithms	Semester 1	12.50
COMP90024 Cluster and Cloud Computing	Semester 1	12.50
COMP90025 Parallel and Multicore Computing	Semester 2	12.50
COMP90038 Algorithms and Complexity	Semester 1, Semester 2	12.50
COMP90041 Programming and Software Development	Semester 1, Semester 2	12.50
COMP90042 Web Search and Text Analysis	Semester 1	12.50
COMP90043 Cryptography and Security	Semester 2	12.50
COMP90044 Research Methods	Semester 2	12.50
COMP90045 Programming Language Implementation	Not offered 2016	12.50
COMP90046 Constraint Programming	Not offered 2016	12.5
COMP90048 Declarative Programming	Semester 2	12.50
COMP90049 Knowledge Technologies	Semester 1, Semester 2	12.50

COMP90050 Advanced Database Systems	Semester 1	12.50
COMP90051 Statistical Machine Learning	Semester 2	12.50
COMP90054 Software Agents	Semester 2	12.50
COMP90057 Advanced Theoretical Computer Science	Semester 2	12.50
COMP90058 Advanced Spatiotemporal Data Analytics	Semester 1	12.5
GEOM90018 Spatial Databases	Semester 1	12.50
GEOM90042 Spatial Information Programming	Semester 1	12.50
INFO90001 eHealth & Biomedical Informatics Methods	October	12.5
INFO90002 Database Systems & Information Modelling	Semester 1, Semester 2	12.50
ISYS90026 Fundamentals of Information Systems	Semester 1	12.50
ISYS90031 Research Methods in Information Systems	Semester 1	12.50
ISYS90032 Emerging Technologies and Issues	Semester 1, Semester 2	12.50
ISYS90034 B2B Electronic Commerce	Semester 2	12.50
ISYS90035 Knowledge Management Systems	Semester 1	12.50
ISYS90036 Enterprise Systems	Semester 1	12.50
ISYS90037 Managing IS Projects: People & Politics	Semester 1	12.50
ISYS90038 IS Strategy and Governance	March, Semester 2	12.50
ISYS90040 Managing Change for IS Professionals	Semester 2	12.50
ISYS90043 Enterprise Applications & Architectures	Semester 1, Semester 2	12.50
ISYS90045 Professional IS Consulting	Semester 1, Semester 2	12.50
ISYS90048 Managing ICT Infrastructure	March, Semester 2	12.50
ISYS90049 Process Analysis Modelling and Design	Semester 1, Semester 2	12.50
ISYS90050 IT Project and Change Management	June, Semester 1, Semester 2	12.50
ISYS90051 Impact of Digitisation	Semester 1, Semester 2	12.50
ISYS90052 Managing Large Projects	Not offered 2016	12.5
ISYS90053 Managing IT Services	Not offered 2016	12.50
ISYS90055 Managing IT Outsourcing	Semester 2	12.50
ISYS90068 Service Management and Innovation	Semester 1	12.5
ISYS90069 eHealth & Biomedical Informatics Systems	June	12.50
ISYS90070 Information Security Consulting	June	12.50
ISYS90076 IT Infrastructure for eHealth	Semester 1	12.5
ISYS90077 EHealth Applications and Solutions	Semester 1	12.5
ISYS90078 Health Data, Information and Knowledge	Semester 2	12.5

ISYS90085 Interaction Design and Usability	Semester 2	12.50
ISYS90086 Data Warehousing	Semester 1	12.50
ISYS90087 Service Management and Innovation	Semester 1	12.5
SKIL90004 Project Management in Science	Semester 1	12.50
SWEN90002 Engineering for Internet Applications	Not offered 2016	12.50
SWEN90004 Modelling Complex Software Systems	Semester 1	12.5
SWEN90006 Software Testing and Reliability	Semester 2	12.50
SWEN90007 Software Design and Architecture	Semester 2	12.50
SWEN90009 Software Requirements Analysis	Semester 1	12.50
SWEN90010 High Integrity Systems Engineering	Semester 1	12.50

Infrastructure Engineering

Subject	Study Period Commencement:	Credit Points:
CVEN90016 Concrete Design and Technology	Semester 2	12.50
CVEN90017 Earthquake Resistant Design of Buildings	Semester 1	12.50
CVEN90018 Structural Dynamics and Modelling	Semester 2	12.50
CVEN90019 Sustainable Water Resources Systems	Semester 2	12.50
CVEN90024 High Rise Structures	Semester 1	12.50
CVEN90026 Extreme Loading of Structures	Semester 1	12.50
CVEN90027 Geotechnical Applications	Semester 2	12.50
CVEN90035 Structural Theory and Design 3	Semester 2	12.50
CVEN90043 Sustainable Infrastructure Engineering	Semester 1	12.50
CVEN90044 Engineering Site Characterisation	Semester 1	12.50
CVEN90048 Transport Systems	Semester 2	12.50
CVEN90050 Geotechnical Engineering	Semester 1	12.50
CVEN90061 Freight Systems	Semester 1	12.5
ENEN90005 Environmental Management ISO 14000	Semester 2	12.50
ENEN90006 Solid Wastes to Sustainable Resources	Semester 1	12.50
ENEN90011 Energy Efficiency Technology	Semester 2	12.50
ENEN90014 Sustainable Buildings	September	12.50
ENEN90027 Energy for Sustainable Development	Semester 1	12.50
ENEN90028 Monitoring Environmental Impacts	Semester 2	12.50
ENEN90029 Water and Waste Water Management	Semester 1	12.50
ENEN90030 Groundwater Hydrology	Semester 2	12.50
ENEN90031 Quantitative Environmental Modelling	Semester 1	12.50

ENEN90032 Environmental Analysis Tools	Semester 2	12.50
ENEN90033 Solar Energy	Semester 1	12.50
ENEN90034 Environmental Applied Hydrology	Semester 1	12.50
ENGM90006 Engineering Contracts and Procurement	Semester 2	12.50
ENGM90007 Project Management Practices	Semester 1	12.50
ENGR90026 Engineering Entrepreneurship	Semester 2	12.50
GEOM90005 Remote Sensing	Semester 2	12.50
GEOM90006 Spatial Analysis	Semester 2	12.50
GEOM90007 Spatial Visualisation	Semester 2	12.5
GEOM90008 Foundations of Spatial Information	Semester 1	12.50
GEOM90015 Spatial Data Infrastructure	Semester 2	12.5
GEOM90016 Advanced Topics in GIScience	Semester 1	12.50
GEOM90018 Spatial Databases	Semester 1	12.50
GEOM90033 Satellite Positioning Systems	Semester 2	12.50
GEOM90038 Advanced Imaging	Semester 1	12.50
GEOM90039 Advanced Surveying and Mapping	February	12.50
GEOM90040 Mathematics of Spatial Information	Semester 2	12.5
GEOM90041 Cadastral Surveying	Not offered 2016	12.50
GEOM90042 Spatial Information Programming	Semester 1	12.50

Mechanical Engineering

Subject	Study Period Commencement:	Credit Points:
BMEN90022 Computational Biomechanics	Semester 2	12.5
ELEN90064 Advanced Control Systems	Semester 2	12.50
ENGM90015 Management and Leadership for Engineers	Semester 1	12.50
ENGR90019 Adv Topics in Fluid Mechanics	Semester 2	12.50
ENGR90020 Adv Topics in Biomechanics	Semester 2	12.50
ENGR90024 Computational Fluid Dynamics	Semester 1	12.50
ENGR90026 Engineering Entrepreneurship	Semester 2	12.50
MCEN90017 Advanced Motion Control	Semester 2	12.50
MCEN90018 Advanced Fluid Dynamics	Semester 1	12.50
MCEN90019 Advanced Thermodynamics	Semester 2	12.50
MCEN90020 Advanced Materials	Semester 2	12.50
MCEN90023 Quality and Reliability	Semester 2	12.50
MCEN90027 Simulation Of Mechatronic Systems	Not offered 2016	12.50

MCEN90028 Robotics and Automation Systems	Semester 2	12.50
MCEN90029 Advanced Solid Mechanics	Semester 2	12.50
MCEN90031 Applied High Performance Computing	Semester 2	12.50
MCEN90032 Sensor Systems	Semester 1	12.50

Graduate School of Science School of Botany

Subject	Study Period Commencement:	Credit Points:
BIOL90001 Microscopy for Biological Sciences	Semester 1	12.50

School of Chemistry

Subject	Study Period Commencement:	Credit Points:
CHEM90009 Chemical Synthesis & Characterisation 1	Semester 1	12.50
CHEM90010 Advanced Chemical Applications 1	July	12.50
CHEM90017 Chemical Synthesis & Characterisation 2	Semester 1	12.50
CHEM90018 Advanced Chemical Applications 2	July	12.50

Department of Mathematics and Statistics

Students are permitted to undertake the Department of Mathematics and Statistics, Masters level Mathematics and Statistics subjects listed below.

Subject	Study Period Commencement:	Credit Points:
MAST90011 Modelling: Mathematical Biology	Not offered 2016	12.50
MAST90012 Measure Theory	Semester 1	12.50
MAST90013 Network Optimisation	Semester 2	12.50
MAST90014 Optimisation for Industry	Semester 1	12.50
MAST90017 Representation Theory	Semester 2	12.50
MAST90019 Random Processes	Semester 2	12.50
MAST90020 Functional Analysis	Not offered 2016	12.50
MAST90023 Algebraic Topology	Not offered 2016	12.50
MAST90025 Commutative and Multilinear Algebra	Not offered 2016	12.50
MAST90026 Computational Differential Equations	Not offered 2016	12.50
MAST90027 The Practice of Statistics	Not offered 2016	12.50
MAST90029 Differential Topology and Geometry	Semester 1	12.50
MAST90030 Advanced Discrete Mathematics	Semester 2	12.50
MAST90031 Enumerative Combinatorics	Semester 1	12.50
MAST90045 Systems Modelling and Simulation	Semester 1	12.50
MAST90050 Scheduling and Optimisation	Not offered 2016	12.50
MAST90051 Mathematics of Risk	Not offered 2016	12.50

MAST90053 Experimental Mathematics	Not offered 2016	12.50
MAST90056 Riemann Surfaces and Complex Analysis	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	Semester 1	12.50
MAST90060 Mathematical Statistical Mechanics	Semester 1	12.50
MAST90064 Advanced Methods: Differential Equations	Semester 1	12.50
MAST90065 Exactly Solvable Models	Semester 2	12.50
MAST90067 Advanced Methods: Transforms	Not offered 2016	12.50
MAST90068 Groups, Categories & Homological Algebra	Not offered 2016	12.50
MAST90069 Introduction to String Theory	Not offered 2016	12.50
MAST90080 Advanced Modelling: Case Studies	Semester 2	12.50
MAST90081 Advanced Probability	Not offered 2016	12.50
MAST90082 Mathematical Statistics	Semester 1	12.50
MAST90083 Computational Statistics and Data Mining	Semester 2	12.50
MAST90084 Statistical Modelling	Not offered 2016	12.50
MAST90085 Multivariate Statistical Techniques	Semester 1	12.50

School of Physics

Subject	Study Period Commencement:	Credit Points:
PHYC90006 Quantum and Advanced Optics	Semester 2	12.50
PHYC90007 Quantum Mechanics	Semester 1	12.50

Electrical and Electronic Engineering

Electrical and Electronic Engineering students may select subjects from the list below;

Subjects Available:

Subject	Study Period Commencement:	Credit Points:
BMEN90004 Advanced Neural Information Processing	Semester 1	12.5
ELEN90017 Topics in Instrumentation	Not offered 2016	12.5
ELEN90018 Adv Topics in Engineering Mathematics	Semester 1	12.5
ELEN90022 Quantum Opto-electronics	Not offered 2016	12.50
ELEN90023 Lightwave Devices and Systems	Not offered 2016	12.50
ELEN90024 Wireless Systems	Not offered 2016	12.50
ELEN90025 Communication Network Standards/Protocol	Not offered 2016	12.50
ELEN90026 Introduction to Optimisation	Semester 2	12.50
ELEN90027 Linear Systems Theory	Semester 1	12.5

ELEN90028 Nonlinear Systems Theory	Not offered 2016	12.5
ELEN90030 Information Theory	Not offered 2016	12.5
ELEN90031 Advanced Topics in Communications	Not offered 2016	12.5
ELEN90032 Advanced Topics in Signals and Systems	Not offered 2016	12.50
ELEN90033 Advanced Topics in Photonics	Not offered 2016	12.5
ELEN90071 Auditory and Visual Processing	Not offered 2016	12.5
ELEN90072 Energy Efficient Networking	Not offered 2016	12.5
ELEN90073 Advanced Topics in Control	Not offered 2016	12.50
ELEN90076 Digital Image Processing	Not offered 2016	12.5
ELEN90077 Grid Integration of Renewables	Semester 2	12.5

Graduate/Postgraduate subjects NOT listed above may be selected in consultation with the student's supervisor and endorsements from the subject coordinator and Head of Department or their nominee.

Entry Requirements:

1. In order to be considered for entry, applicants must have completed:

- A four-year bachelor degree in a relevant discipline that includes a substantial research component equivalent to at least 25% of one year of full-time study and have achieved a minimum weighted average of 75% in the final year subjects or (University of Melbourne) equivalent
 - or
 - A masters degree in a relevant discipline which includes a substantial research component equivalent to at least 25% of one year of full-time study and achieved a minimum weighted average of 75% or (University of Melbourne) equivalent
 - or
 - A qualification and professional experience considered to be equivalent
- and
- A research proposal
 - Referee reports (except for applicants who have graduated from the University of Melbourne within the last 5 years)
 - The endorsement of a prospective supervisor.

Meeting these requirements does not guarantee selection.

2. In selecting applicants, the selection committee will consider applicants':

- Prior academic performance and, if relevant, professional qualifications
- Understanding of the research question to be explored
- Performance at an interview
- Motivation and capacity to complete the course in a timely manner
- Relevant prior research and/or professional experience
- Referee reports.

3. The Selection Committee may seek further information to clarify any aspect of an application in accordance with the Academic Board rules (<http://about.unimelb.edu.au/academicboard/resolutions>) on the use of selection instruments..

4. The minimum English language requirements for this course are: Band 6.5.

<http://futurestudents.unimelb.edu.au/admissions/entry-requirements/language-requirements> (<http://futurestudents.unimelb.edu.au/admissions/entry-requirements/language-requirements>)

For more information on the application process visit: <http://www.eng.unimelb.edu.au/study/research/> (<http://www.eng.unimelb.edu.au/study/research/>) .

Core Participation Requirements:

All Master of Philosophy candidates are required to complete the equivalent of at least six months full-time (12 months part-time) advanced study and research at the University unless studying at an outside institution approved by the Research Higher Degrees Committee (RHDC). The RHDC will not approve entirely distance supervision or entirely on-line supervision for graduate research students. Throughout their candidature candidates are expected to attend the University in order to benefit from planning, conducting and writing-up their research within a University community and environment. The residency requirement is deemed especially

	<p>important during the first six months of candidature. During this time the student is expected to interact on a regular basis with the supervisor, the department (including staff and other research students) and the University, with the aim to: Build the skills and knowledge necessary to carry out the proposed research program Acquire an understanding of the standards and requirements for an MPhil awarded by the University Make use of support programs and facilities provided by the University. For the purposes of considering requests 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. 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 will impact on meeting the requirements of this course are encouraged to discuss this matter with a Faculty Graduate Research Adviser and Student Equity and Support.</p>
<p>Graduate Attributes:</p>	<p>Research masters degrees at the University of Melbourne seek to develop graduates who have a capacity for defining and managing a research project characterised by originality and independence. Their training equips them for more sustained and original work at the doctoral level or for applied research positions in a wide variety of contexts. The University expects its research Masters graduates to have the following qualities and skills: An ability to initiate research projects and to formulate viable research questions A demonstrated capacity to design, conduct and report independent and original research on a closely-defined project An ability to manage time to maximise the quality of research An understanding of the major contours of international research in the research area A capacity for critical evaluation of relevant scholarly literature Well-developed and flexible problem-solving abilities appropriate to the discipline The ability to analyse research data within a changing disciplinary environment The capacity to communicate effectively the results of research and scholarship by oral and written communication An understanding of and facility with scholarly conventions in the discipline area A profound respect for truth and intellectual integrity, and for the ethics of research and scholarship A capacity to cooperate with other researchers An ability to manage information effectively, including the application of computer systems and software where appropriate to the student's field of study.</p>
<p>Links to further information:</p>	<p>http://www.gradresearch.unimelb.edu.au</p>
<p>Notes:</p>	<p>Application Procedure</p> <p>Detailed information for prospective Master of Philosophy 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)</p> <p>Master of Philosophy 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. The Find an Expert (http://www.findanexpert.unimelb.edu.au/) website may assist you to find an appropriate supervisor. Prospective Master of Philosophy candidates should also investigate department websites for information on current research and contact details. Department websites are easily accessed from the faculty homepages (http://about.unimelb.edu.au/governance-and-leadership/faculties) .</p> <p>Applications are accepted year-round. Which scholarship can I apply for?</p> <p>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) .</p> <p>Facilities and Supports:</p> <p>The University makes available a broad range of Programs & Services (http://services.unimelb.edu.au/finder) available to graduate research students.</p>