

SECTION 1: ACADEMIC BOARD COURSE PROPOSAL

PART 1: OVERVIEW OF PROPOSAL

Faculty: Engineering and Information Technologies
Department/School presenting the proposal: Project Management
Graduate Program/School of Civil Engineering

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Date course approved by Faculty: 07 August 2008

1.1.1. Type of proposal: Amended

1.1.2. Type of course: Postgraduate coursework

1.1.3. Name of award course(s)

Name of **amended** award course/s:
Master of Project Management
Graduate Diploma in Project Management
Graduate Certificate in Project Management

1.1.4. Abbreviated name

MPM
GradDipPM
GradCertPM

1.1.5. Date of introduction or deletion

Introduced: Year 2009 Semester 1

1.1.6 Availability to students

Commonwealth supported students	<input type="checkbox"/>	Full-time	<input type="checkbox"/>
		Part-time	<input type="checkbox"/>
Fee-paying local students	<input checked="" type="checkbox"/>	Full-time	<input checked="" type="checkbox"/>
		Part-time	<input checked="" type="checkbox"/>
Fee-paying international students	<input checked="" type="checkbox"/>	Full-time	<input checked="" type="checkbox"/>
		Part-time	<input type="checkbox"/>
Research Training Scheme	<input type="checkbox"/>	(PG Research students only)	

SECTION 1 : ACADEMIC BOARD COURSE PROPOSAL

PART 2: DETAILS FOR ASSESSMENT OF PROPOSAL

1.2.1 Purpose of the proposal

The purpose of this proposal is to amend the award course Master of Project Management (MPM) degree and resolutions for new students and also to provide a transitional pathway for existing MPM students to transfer to the new MPM in 2009. This proposal is to replace the existing Master of Project Management (and associated Graduate Diploma and Graduate Certificate) with a coursework Master of Project Management, Graduate Diploma in Project Management and Graduate Certificate in Project Management. This proposal is aimed at offering candidates the opportunity to specialise in a particular area of practice or to elect to have a general MPM without specialisations. The following MPM Specialisations are proposed: (i) Project Economics and Scheduling Management; (ii) International Project Management; (iii) Project Risk Management; and, (iv) Strategic Project Management Implementation.

1.2.2 Justification for proposal

Both government and industry have long recognised the need to document and apply the knowledge gained from past experience to current and future projects in order to avoid the repetition of past failures and mishaps. The Project Management Graduate Program (PMGP) at the University of Sydney is designed to cater to the needs of candidates in gaining insights about approaches to conducting project-oriented empirical study, modelling and analysis of government, non-government and cross-national projects and methodologies for the design and implementation of integrated set of resources for conducting experimental analysis of project success and failures, which would facilitate sharing, learning, and communication of project outcomes to managers. The PMGP would serve as a knowledge network to promote experimental and experiential learning and sharing of project management and coordination processes among project engineers and other relevant communities. Through PM communities of practice, lessons learned, agency-wide search, expertise locator, and training, PMGP would be connected to engineering resources that help effectively and efficiently solve problems and design solutions which in turn, feed into continual improvement via training, best practices, policies and procedures.

Project management is considered to be a very important area of research and practice which is continually receiving high attention from local and international companies. Yet, the area of project management and its educational programs is lacking proper theoretical, methodological foundations and an experimental base. It is also a common practice for many institutions offering PM-oriented courses to be lacking in theoretical, methodological and experimental bases with many programs further lacking clear focus on the directions in specific areas of specialisation as well as a capstone experience within a given area of specialisation. The program should have 5 levels of units of study (i.e. Foundation, Specialist, Elective, Professional Practice or Research Practice level units of study) and provide a path to industry-based projects and thesis and provide progression rules to the MPhil and possible upgrade to PhD.

1.2.3 Benchmarking, market research and analysis

1.2.3.1 Benchmarking:

Research was conducted into which Universities offered a similar degree programme. There are universities in Australia offering such a degree, namely: University of Melbourne, UTS, UNSW, ANU and others. International universities offering a similar degree include the Templeton College Oxford, National University of Singapore, Duke University and the University of Wisconsin. The proposed coursework structure was compared with the existing MPM program in Australia and overseas so that we can establish a leadership position in postgraduate education in project management in the local and international market.

1.2.3.2 Market research and analysis:

This is an existing degree and we are amending the degree to significantly improve the overall quality of the degree by providing opportunities for candidates to specialise in a specific area of project management. Market research has been carried out in consultation with prospective employers, the PMI association of NSW, consulting firms such as PwC, IBM and Accenture as well as our existing students who are in the industry so that they can comment on the new directions in this proposal. The feedback has been very positive from current and future students, employers and consulting firms specialising in project management. Growth in the postgraduate market share for the faculty has been extremely strong in a fast growing market. In particular, we are observing an increase of over 150% enrolments in the Master of Project Management during July 2008 for second semester compared to July 2007. At the faculty level, our Graduate School of Engineering and IT is currently managing over 892 PG coursework and research students as of 28 July 2008.

1.2.3.3 Summary table of competitive offerings to proposed award course:

Institute	Competitive offering	Additional information
University of Melbourne	Master of PM	Does not offer any specific specialisations
University of Queensland	Master of PM	Has a very limited focus on specialisations in PM
UTS	Master of Engineering Management	Focus is more on construction, and facilities PM
ANU	Master of Engineering (Professional)	In management

1.2.3.4 Estimated student demand

Please note that we currently have 127 students enrolled in our existing Project Management graduate Programme. Our total enrolment numbers in different project management UOS is over 400 enrolments with a significant increase in enrolments during July 2008 semester.

Estimated student demand	2009	2010	2011
Commonwealth-supported	0	0	0
Local fee-paying	40	50	60
International fee-paying	40	50	60
Estimated Total EFTSU	60	75	90
Lowest EFTSU for which course would be run	20	20	20

Estimated full-time and part-time Students	2009	2010	2011
Estimated number of Full-time students	40	50	60
Estimated number of Part-time students	40	50	60

Impact on students currently enrolled: The proposed course is designed to support the transfer of existing MPM students into the new MPM degree structure. Please note that we are making use of about 50% of the total number of UOS from our existing MPM program and therefore, students would be able to transition into the newly proposed MPM specialised or MPM general from 2009. Therefore, currently enrolled MPM students may transfer their credits earned during their MPM to the new MPM degree. Existing MPM students would be required to complete a minimum of 12cp of project management UOS from the area of specialisation in order to complete MPM with a specific specialisation. Furthermore, students undertaking GradDip and GradCert in PM may also articulate to MPM program by moving their credit to the MPM program.

Enrolment Quotas:

Will quotas be set for the proposed award course or for any units of study within the award course? No

1.2.4 Consultation and external references

Consultees	Date of consultation	Method of consultation	Type of supporting evidence provided
Academic Board Review	July 2008	Meetings and interviews	Report from the Academic Board Review of Faculty
Professor Ron Johnston – ASIIC	July 2008	Meetings and discussions	Letter of support
Engineering Sydney Board	July 2008	Meetings	Minutes from meetings
Dean's Advisory Committee	August 2008	Meetings	Minutes from meetings
Faculty Board	6 August 2008	Email circulation	Email notification document
Engineers Australia	Ongoing	Advice	Emails
PwC	June, July and August 2008	Meeting	Emails
IBM	May, June, July 2008	Tele meeting	Emails
Accenture	July 2008	Meeting	Emails
Professor Geoff Gallop, Graduate School of Government	June, July 2008	Meeting	Emails

1.2.5 Course structure

1.2.5.1 The program structure should have 5 levels of units of study and progression rules for the MPhil and PhD. The Master of Project Management would offer candidates the opportunity to specialise in a particular area of practice or elect to have a general MPM without having to specialise in a number of specialised areas and:

- (i) Foundation level units of study (this is for Grad Cert, Grad Dip and MPM);
- (ii) Specialist level units of study (candidates must take a minimum of 2 UOS to qualify for their specialisation. These units would form the basis of specialisations or defined majors and would be open to MPM students only);
- (iii) Elective units of study (can be up to 2 units of study from the specified PMGT electives, or from other school and faculty);
- (iv) Professional Practice Pathway (12cp)
- (v) Research Practice Pathway (12cp project) for MPM only;
- (vi) Progression plan to MPhil and PhD upon successful completion of MPM with 12cp industry based project with Distinction average (MPM + MPhil + PhD) or (MPM + PhD)

Possible PM Specialisations: (i) Project Economics and Scheduling Management; (ii) International Project Management; (iii) Project Risk Management; and, (iv) Strategic Project Management Implementation.

Foundation UOS	Systems Dynamics Modelling for PM (New UOS 1)	Computer applications in PM (New UOS 2)	PMGT5877 Management of Project Oriented Organisation	PMGT5871 Project Planning & Control
Specialisations: (i) Project Economics and Scheduling Management	PMGT5873 Project Economics and Finance Core UOS	Integrated Cost and scheduling Control (New UOS 3) Core UOS	PMGT 6867 Quantitative Methods in PM	Statistical Methods in PM (New UOS 4)
(ii) International Project Management	Global PM (New UOS 5) Core UOS	ENGG5215 International engineering strategies and operations	PMGT 6867 Quantitative Methods in PM	Statistical Methods in PM (New UOS 3)
(iii) Project Risk Management	Project Risk Mgmt (New UOS 6) Core UOS	ENGG5203 Quality engineering & management	Statistical Methods in PM (New UOS 3)	PMGT 6867 Quantitative Methods in PM
(iv) Strategic Project Management Implementation	PMGT5876 - Strategic Delivery of Change Core UOS	PMGT5879 - Implementing Strategy, Project Portfolio and Programme Management	PMGT 6867 Quantitative Methods in PM	PMGT5875 ICT and Innovation Project Mgmt
Electives UOS	UOS from specialisations can be taken	UOS from foundation UOS can be taken	UOS from MPE professional practice UOS	
Professional Practice Pathway	ENGG5205 Professional Practice in PM	PMGT 5872 People & Leadership	PMGT 6869 Advanced Project Management	
Research Practice Pathway	PMGT Research Project (12cr)			

1.2.5.2 Minimum credit points required for completion of qualification: 48 credit points.

1.2.5.3 Mode of delivery: Face-to-face teaching Distance education

Please provide justification: We will have all our UOS in face to face and also in online mode for local and international students. International students may be permitted to take a maximum of 6cp in online mode. The workload for face to face and also for online class is assumed to be same so that it meets the faculty and University guidelines for student workload in 6cp to 24cp UOS during a semester.

1.2.5.4 Does the course involve clinical or industrial placement/experience?

Yes

12cp industry based project, which would be conducted by working closely with industry partners so that students would have gained sufficient industry experiences.

1.2.5.5 Please indicate what processes are in place to guarantee the quality of academic staffing, available resources for teaching and provision of adequate curriculum delivery, assessment and authentication of student work.

Our proposed new degree structure will be as follows:

1. Foundations UOS (12cp minimum to a maximum of 24cp)
2. Specialisations UOS (12cp minimum to a maximum of 24cp)
3. Electives UOS (0-12cp max can be selected from MPM foundations, specialist or professional practice pathway UOS and also from MPE electives)
4. Professional Practice Pathway ((12cp minimum to a maximum of 18cp), or,
5. Research Practice Pathway (12cp)

Research Practice Pathway:

Students may further undertake 12cp project within their area of specialisation as part of the Research Practice Pathway.

Professional Practice Pathway:

Alternatively, students may decide to take the 12cp PM professional practice oriented unit to complete their Master of Project Management degree.

The School of Civil Engineering as well as the Faculty is committed to support the program for the creation and delivery of the UOS. It is important to note that we currently have 127 students enrolled in our existing MPM degree program. A large number of UOS for this amended MPM degree is coming from our existing MPM offerings. We would only be creating a limited (6 to 8) number of new UOS to cover the breadth and depth of UOS specialisations and electives. Existing staff will teach the UOS in their specific area of expertise. We also have a number of committed industry professionals who have been part of our existing MPM program who would remain in this new program. Engineering Sydney would be responsible for supporting the development of industry-based projects leading to internships and placements for the MPM program. The Executive Director of Engineering Sydney has established a network of around 140 engineering and IT based companies, which can be used as a foundation to support the industry-based projects, internships and student placements. We are also in the process of forming formal arrangements with PwC so that we can engage them in the delivery of industry-based projects.

The Graduate School of Engineering and IT would support the administration of student related services for MPM program.

Proposed assessment regime	Proportion of assessment regime (%)	Use of external assessors/examiners (Yes/No) (if yes, please provide details)
Formative assessment with feedback during tutorials	10%	
Formative assessment with feedback during industry based projects for Professional Practice Path or formative assessment for the research component assessed by internal and external examiners	40%	Yes. External examiners may be used when assessing the practical pathway project.
Summative assessment at the conclusion of each course	50%	

Please provide justification

1.2.7 Student workload

1.2.7.1

Expected workload	Total time expected (per credit point)
Lectures	2 hrs
Tutorials	1 hr
Practical experience	5hrs
Independent study	2hrs
Reading and work for assessment	1hr
Others (please specify): Group project work	5hr

1.2.7.2 Provide an indication of how the academic course load including the weight given to any dissertation component compare with other similar course loads in the faculty/college/university

Similar to the work load of the MIT, MITM, ME and BE Honours year.

1.2.7.3 What load for HECS and student load purposes should be given to each of the constituent parts or units making up the award course?

N/A

1.2.8 Attributes of graduates

Research and inquiry

Students will develop an appreciation of the role of project manager or engineer manager in the professional world. They will gain an ability to apply and contextualise a deep understanding of a specific project management discipline.

Information literacy

An ability to gather, manage, integrate and critique information attained from various sources in order to ascertain the relevant information required for the identification, formulation and solution of a problem. Possess a deep understanding and appreciation of engineering design and implementation.

Personal and intellectual autonomy

Graduates of the MPM will be able to work as strong team members, in a way that is informed by openness, curiosity and a desire to meet new challenges in a management, consulting and international project management and engineering management environment.

Ethical, social and professional understanding

Graduates will possess an ability to lead a multi-disciplinary and multi-cultural team. They will have an appreciation and ability to promote sustainable project management and design

projects. Graduates will have the knowledge and capabilities to devise a plan for projects, perform cost modelling and schedule control, risk management and analysis, and human resources management in a number of PM domains to meet all standards set by their relevant specialisation regulating bodies.

Communication

Graduates of the MPM will be able to effectively communicate ideas in project management to a wide range of personnel, from managers to construction and industry professionals. They will have a strong ability to write professional reports and research articles.

1.2.9 Transitional arrangements (for continuing students)

Last year of student intake under existing Resolutions:	Local students	118
	International students	7

Provisions in place for students enrolled under existing Resolutions:

Students currently enrolled in the MPM may be eligible to transfer into the new MPM and may take a specialisation in 2009. Since about 50% of the UOS for the amended MPM degree is coming from the existing MPM, students will be in a position to transition into the MPM general and MPM specialisation (will require students to complete a minimum of 12cp to a maximum of 24cp of UOS listed under specific specialisation). It is important to note that the proposed MPM specialisations consist of at least 1 UOS which is from the existing MPM UOS. We propose to delete the following 4 UOS from the existing MPM program. We will therefore have a transitional arrangement so that existing students can take other UOS instead of the current 4 UOS which will be deleted from the program.

1. PMGT6870 Master Knowledge in PM
2. PMGT6868 Qualitative Methods in Project Management
3. PMGT5885 Event Management
4. PMGT5883 Dissertation

1.2.10 Course administration

Course to be administered by the following Faculty: Faculty of Engineering and Information Technologies

1.2.10.1 Is there **shared teaching** with other Faculties?

No

1.2.10.2 Basis for the above allocation between faculties:

1.2.10.3 Combined degree – inter-faculty arrangements:

1.2.10.4 Is the proposed award course part of a **con-joint venture** with another institution?

No

1.2.11 Resolutions

1.2.11.1 Are there changes to the list of Degrees, Diplomas and Certificates conferred by your Faculty, as listed in the **Resolutions of the Senate** available in the [University Calendar](#)?

No

1.2.11.2 Will there be new Resolutions or changes to the existing **Resolutions of the Senate** for the proposed Coursework award course?

Yes *If yes, please complete Appendix 3.*

1.2.11.3 Will there be new Resolutions or changes to the existing **Faculty Resolutions** for the proposed award course?

Yes *If yes, please complete Appendix 4.*

1.2.11.4 Will there be changes to the academic dress due to the introduction of the proposed new award course?

No

1.2.12 Quality assurance arrangements and plans

Quality assurance measures are already in place in the ME, MIT, MITM, existing MPM, MPE, and BE. We are creating 7 new UOS to support the proposed MPM degree with specialisations and we are proposing to delete 4 existing UOS from our existing MPM degree. Mandatory prerequisite units of study are being written in consultation with industry and NSW Chapter of PMI.

SECTION 1 : ACADEMIC BOARD COURSE PROPOSAL

PART 3: RESOURCE IMPLICATIONS

1.3.1 Estimated Student Numbers for next three years of the award course

Estimated Student Demand	2009	2010	2011
Estimated Student Numbers	80	100	120
Estimated EFTSU	60	75	90

1.3.2 Availability of teaching and support staff

1.3.2.1 Availability of academic and support staff to deliver the proposed award course: Since most of the UOS are already in place, availability will be as per the existing degrees.

1.3.2.2 Strengths of the department/school/faculty:
Each School within the Faculty of Engineering and IT employs staff who are national and international leaders in their respective domains. The Faculty as a whole has the reputation of being world leaders in many areas of research and innovation.

1.3.3 Availability of teaching space, and other required facilities

1.3.3.1 Teaching rooms: Already in place

1.3.3.2 Lecture theatres: Already in place

1.3.3.3 Laboratories (including computer access labs): Already in place

1.3.3.4 Staff offices: Already in place

1.3.3.5 Storage or other space required including any which needs to be rented externally: Already in place

1.3.4 Availability of Library Resources

Concerns about library holdings that need to be addressed: Library holdings are adequate for those units of study which are in place. Arrangements will be made to formally request further material which may be recommended by the new units of study.

1.3.5 Availability of IT and other Equipment

1.3.5.1 Computer Technology: Already available

1.3.5.2 Other Equipment: Already available

1.3.6 Timetabling arrangements

The proposed award course will be offered in the following teaching period:

standard

APPROVALS

Nominated Faculty Officer

Dean of Faculty (or Delegate)

SECTION 1 – APPENDIX 2: RESOLUTIONS OF THE SENATE (DEGREES, DIPLOMAS AND CERTIFICATES)

Faculty of Engineering and Information Technologies

The Resolutions of the Senate relating to Degrees, Diplomas and Certificates in the Faculty of Engineering and Information Technologies (p 127, *Calendar* 2008) are amended, with effect from 1 January 2009, as follows (additions indicated by underline, deletions indicated by strikethrough):

~~DEGREES, DIPLOMAS AND CERTIFICATES IN THE FACULTY OF ENGINEERING AND INFORMATION TECHNOLOGIES~~

1. The postgraduate degrees in the Faculty of Engineering and Information Technologies shall be:

- 1.1 Master of Professional Engineering (MPE)
- 1.2 Master of Engineering (ME)
- 1.3 Master of Information Technology (MIT)
- 1.4 Master of Applied Information Technology (MAppIT) (Not available to new students in 2009)
- 1.5 Master of Information Technology Management (MITM)
- 1.6 Master of Philosophy (MPhil)
- 1.7 Master of Project Management (MPM)
- 1.8 Doctor of Philosophy (PhD)
- 1.9 Doctor of Engineering (DEng)
- 1.10 Doctor of Engineering Practice (DEngPrac)

2. The diplomas in the Faculty of Engineering and Information Technologies shall be:

- 2.1 Graduate Diploma in Engineering (GradDipEng)
- 2.2 Graduate Diploma in Telecommunications (GradDipTelecomm)
- 2.3 Graduate Diploma in Power Engineering (GradDipPowEng)
- 2.4 Graduate Diploma in Computer Systems Engineering (GradDipCompSystEng)
- 2.5 Graduate Diploma in Environmental Engineering (GradDipEnvironEng)
- 2.6 Graduate Diploma in Project Management (GradDipPM)
- 2.7 Graduate Diploma in Structural Engineering (GradDipStructEng)
- 2.8 Graduate Diploma in Sustainable Processing (GradDipSustProc)
- 2.9 Graduate Diploma in Information Technologies (GradDipIT)
- 2.10 Graduate Diploma in Applied Information Technology (GradDipAppIT)

Not available to new students in 2009)

- 2.11 Graduate Diploma in Information Technology Management (GradDipITM)
- 2.12 Graduate Diploma in Computing (GradDipComp)

3. The certificates in the Faculty of Engineering and Information Technologies shall be:

- 3.1 Graduate Certificate in Engineering (GradCertEng)
- 3.2 Graduate Certificate in Project Management (GradCertPM)
- 3.3 Graduate Certificate in Greenhouse Gas Mitigation (GradCertGHGMit)
- 3.4 Graduate Certificate in Information Technologies (GradCertIT)
- 3.5 Graduate Certificate in Applied Information Technology (GradCertAppIT)

Not available to new students in 2009)

- 3.6 Graduate Certificate in Information Technology Management (GradCertITM)

SECTION 1 – APPENDIX 3: RESOLUTIONS OF THE SENATE (COURSEWORK AWARD

COURSES)

Resolutions of the Senate (Coursework courses)

The Resolutions for all coursework degrees, diplomas and certificates must be read in conjunction with the *University of Sydney (Coursework) Rule 2000 (as amended)*, which sets out the requirements for all coursework courses, and with the relevant Faculty Resolutions.

Master of Project Management

Graduate Diploma in Project Management

Graduate Certificate in Project Management

1. Requirements for the Graduate Certificate in Project Management, Graduate Diploma in Project Management and Master of Project Management

1.1 A candidate who has been admitted to the Graduate Certificate in Project Management shall:

1.1.1 complete a total of 24 Credit Points from Units of Study listed in the Faculty Postgraduate Tables comprising a minimum of 12cp foundation UOS, a minimum of 6cp specialist UOS and a minimum of 6cp elective or professional practice UOS.

1.2 A candidate who has been admitted to the Graduate Diploma in Project Management shall:

1.2.1 complete a total of 36 Credit Points from Units of Study listed in the Faculty Postgraduate Tables comprising a minimum of 12cp foundation UOS, a minimum of 12cp specialist UOS and a minimum of 6cp professional practice UOS and a minimum of 6cp of elective UOS.

1.3 A candidate who has been admitted to the Master of Project Management shall proceed either:

1.3.1 by coursework; or by coursework and project;

1.3.2 A candidate proceeding by coursework only shall:

1.3.2.1 complete coursework prescribed by the Committee to a total value of 48 credit points comprising a minimum of 12cp of foundation UOS, a minimum of 12cp UOS from the area of specialisation, a minimum of 12cp UOS from professional practice units, and a minimum of 6cp to a maximum of 12cp of elective UOS;

1.4 A candidate proceeding by coursework and project shall:

1.4.1 complete coursework prescribed by the Committee to a total value of 48 credit points comprising a minimum of 12cp from foundation UOS, a minimum of 12cp of specialisation, a minimum of 12cp of research practice unit, a minimum of 6cp of elective and a minimum of 6cp of professional practice UOS;

1.4.2 carry out under supervision a project in a field of study approved by the Committee and submit for examination a report on such a project;

1.4.3 lodge with the school/schools two bound copies (typewritten or printed) of the project report.

2. The degree of Master of Project Management may be awarded in the following subject areas and the named testamurs for the degree shall specify the subject area. To qualify for one of these streams, students will have completed 12cp of the specific subject area.

2.1 Project Economics and Scheduling Management;

2.2 International Project Management;

2.3 Project Risk Management;

2.4 Strategic PM Implementation.

SECTION 1 – APPENDIX 4: RESOLUTIONS OF THE FACULTY

Resolutions of the Faculty

The Resolutions for all coursework degrees, diplomas and certificates must be read in conjunction with the *University of Sydney (Coursework) Rule 2000 (as amended)*, which sets out the requirements for all coursework courses, and with the relevant Faculty Resolutions.

Master of Project Management

Graduate Diploma in Project Management

Graduate Certificate in Project Management

1. Eligibility for admission

1. Except as provided in Part 9, the University of Sydney (Amendment Act) Rule 1999 of the By-laws, an applicant for admission to candidature for the degree of Master of Engineering shall:

1.1 be a graduate of Engineering or other discipline at the University of Sydney; or

1.2.1 be a graduate of any other Faculty of the University of Sydney; and

1.2.2 have completed courses acceptable to the Faculty of Engineering and Information Technologies.

1.3 be a graduate of another institution holding equivalent qualifications to those of a graduate of the University of Sydney.

1.4 admission to graduate certificate may be based on candidates prior learning and work experience.

1.5 An applicant for admission to candidature shall apply in writing to the relevant School or School of the Faculty of Engineering and Information Technologies for such admission to candidature.

2. Probationary admission

2. A candidate shall:

2.1 if required by the head of the school or school concerned, produce evidence of such engineering and other discipline experience as the Committee for Postgraduate Studies shall consider satisfactory;

2.2 engage in such study in project management as the Committee shall prescribe for not less than one year of full-time candidature or two years of part-time candidature;

2.3 unless granted an extension by the Committee, complete the requirements for the degree within two years (full-time) or three years (part-time) of admission.

3. Credit transfer policy

3.1 Credit may be available for time spent or study done towards the Graduate Certificate of Project Management, the Graduate Diploma of Project Management, and the Master of Project Management or other relevant degree with a focus on project management subject to the approval of the Faculty and to the following guidelines:

3.1.1 If no award has been conferred for this study, credit may be transferred in full to the Graduate Certificate of Project Management, the Graduate Diploma of Project Management, and the Master of Project Management.

3.1.2 If an award has been conferred for this study, credit to a limit of 12 credit points may be transferred to the Graduate Certificate of Project Management, Graduate Diploma of Project Management, and Master of Project Management subject to the standing of the institution and grades as well as the conditions of the credit assessment policy of the Graduate School of Engineering and IT of the University of Sydney.

3.1.3 Credit may be transferred provided a credit average has been obtained and subject to the approval of the Faculty.

4. Satisfactory Progress

4.1 The Dean may advise a student when his or her performance has been such that a rule would normally be applied and call upon that student to show good cause why the rule should not be applied; and where the student does not show good cause, apply the rule.

4.2 A student who has failed a cumulative total of 12 credit points at any stage of enrolment in the Master of Project Management will be required to show good cause why he or she should be allowed to re-enrol and, if good cause has not been established, the student's enrolment will be transferred to the Graduate Diploma;

4.3 A student who has failed a cumulative total of 18 credit points at any stage of enrolment in the Master of Project Management and/or the Graduate Diploma will be required to show good

cause why he or she should be allowed to re-enrol and, if good cause has not been established, the student's enrolment will be transferred to the Graduate Certificate;

4.4 A student who has failed a cumulative total of more than 18 credit points in the Master of Project Management and/or the Graduate Diploma and/or the Graduate Certificate will be required to show good cause why he or she should be allowed to re-enrol.

4.5 If good cause has not been established, the Dean may, in accordance with the in accordance with clause 16 of the *University of Sydney (Coursework) Rule 2000 (as amended)*:

4.5.1 exclude the student from the degree course; or

4.5.2 permit the student to re-enrol in the degree course subject to restrictions on units of study, which may include: completion of a unit or units of study within a specified time; exclusion from a unit or units of study; and specification of the earliest date on which a student may re-enrol in a unit or units of study.

5. Degree requirements

5.1. Requirements for the Graduate Certificate in Project Management, Graduate Diploma in Project Management and Master of Project Management

5.1 A candidate who has been admitted to the Graduate Certificate in Project Management shall:

5.1.1 complete a total of 24 Credit Points from Units of Study listed in the Faculty Postgraduate Tables comprising a minimum of 12cp foundation UOS, a minimum of 6cp specialist UOS and a minimum of 6cp elective or professional practice UOS.

5.2 A candidate who has been admitted to the Graduate Diploma in Project Management shall:

5.2.1 complete a total of 36 Credit Points from Units of Study listed in the Faculty Postgraduate Tables comprising a minimum of 12cp foundation UOS, a minimum of 12cp specialist UOS and a minimum of 6cp professional practice UOS and a minimum of 6cp of elective UOS.

5.3 A candidate who has been admitted to the Master of Project Management shall proceed either:

5.3.1 by coursework; or by coursework and project;

5.3.2 A candidate proceeding by coursework only shall:

5.3.2.1 complete coursework prescribed by the Committee to a total value of 48 credit points comprising a minimum of 12cp of foundation UOS, a minimum of 12cp UOS from the area of specialisation, a minimum of 12cp UOS from professional practice units, and a minimum of 6cp to a maximum of 12cp of elective UOS;

5.3.3 A candidate proceeding by coursework and project shall:

5.3.3.1 complete coursework prescribed by the Committee to a total value of 48 credit points comprising a minimum of 12cp from foundation UOS, a minimum of 12cp of specialisation, a minimum of 12cp of research practice unit, a minimum of 6cp of elective and a minimum of 6cp of professional practice UOS;

5.3.4 carry out under supervision a project in a field of study approved by the Committee and submit for examination a report on such a project;

5.3.5 lodge with the school/schools two bound copies (typewritten or printed) of the project report.

6. The degree of Master of Project Management may be awarded in the following subject areas and the named testamurs for the degree shall specify the subject area. To qualify for one of these streams, students will have completed 12cp of the specific subject area.

6.1 Project Economics and Scheduling Management;

6.2 International Project Management;

6.3 Project Risk Management;

6.4 Strategic PM Implementation.

7. Time limits

7.1 A student shall, unless special permission is granted by the Faculty, complete the requirements of the degree, in the case of a full-time student not later than two years, and in the case of a part-time student not later than four years, after the commencement of candidature.

7.2 The Faculty may include in the minimum period of candidature time spent in advanced study and research in the University of Sydney Faculty of Engineering and Information Technologies (or any other institute as approved by the Faculty) prior to the application for admission to candidature.

8. Details of units of study

- 8.1 The units of study for the Master of Project Management are listed in Table for Master of Project Management of the Faculty of Engineering and Information Technologies Handbook.
- 8.2 A candidate for the course shall proceed by completing units of study as prescribed by the Faculty.
- 8.3 A unit of study shall consist of such lectures, seminars, tutorial instructions, essays, exercises, practical work, or project work as may be prescribed.
- 8.4 All units of study for a particular subject area may not be available every semester.
- 8.5 The Dean may allow substitution of any unit of study by another unit of study, including units of study from other postgraduate coursework programs in the Faculty and elsewhere in the University.

9. Enrolment in more/less than minimum load

- 9.1 A candidate proceeding on a full-time basis may enrol in a maximum of 24 credit points per semester.
- 9.2 A candidate proceeding on a part-time basis may enrol in a minimum of 6 credit points to a maximum of 24 credit points per semester.

10. Cross-institutional study

- 10.1 Cross-institutional study shall not be available to students enrolled in the Graduate Certificate, Graduate Diploma and Master of Project Management except where the University of Sydney has a formal cooperation agreement with another university.

11. Discontinuation of enrolment

- 11.1 A student who does not enrol in any semester without first obtaining written permission from the Dean to suspend candidature will be deemed to have discontinued enrolment in the course.
- 11.2 Students who have discontinued from the course will be required to apply for admission to the course and be subject to admission requirements pertaining at that time.

12. Suspension of candidature

- 12.1 A student may seek written permission from the Dean to suspend candidature in the course.
- 12.2 Suspension may be granted for a maximum of two semesters.

13. Re-enrolment after an absence

- 13.1 A student who plans to re-enrol after a period of suspension must advise the Graduate School of Engineering and IT in writing of their intention by no later than the end of October for Semester One or the end of May for Semester Two of the same year.
- 13.2 Permit the student to re-enrol in the degree course subject to restrictions on units of study, which may include: completion of a unit or units of study within a specified time; exclusion from a unit or units of study; and specification of the earliest date on which a student may re-enrol in a unit or units of study.

14. Assessment policy

- 14.1 On completion of the requirements for the course, the Faculty shall determine the results of the candidature.

SECTION 1 – APPENDIX 5: LIBRARY IMPACT STATEMENT

I have examined the Library needs related to the proposal and certify that existing Library holdings, staffing, services and accommodation are, or will be, **adequate/inadequate** to cover the demands that are inherent in it.

(If there are any concerns about library holdings, please address these.)

.....
for the University Librarian

.....
Date

Further comments:

Holdings:

Services/Staffing:

SECTION 2: FEE REVIEW AND FEE SETTING

Faculty: Engineering and Information Technologies

Department/School presenting the proposal: Project Management
Graduate Programme, School of Civil Engineering

Faculty Contact person and/or: A/Professor Liaquat Hossain Ext. No: 69110
Academic Proponent Email: l.hossain@usyd.edu.au

2.1.1 Type of proposal: Amended

2.1.2 Type of course: Postgraduate coursework

2.1.3 Name of award course(s)

Name of **amended** award course:
Graduate Certificate in Project Management
Graduate Diploma in Project Management
Master of Project Management

2.1.4 Abbreviated name

GradCertPM
GradDipPM
MPM

2.1.5 Date of introduction or deletion

Introduced: Year 2009 Semester 1

2.1.6 Fee review and Fee-setting

2.1.6.1 Fees for Undergraduate award course:

2.1.6.2 Fees for Postgraduate award course:

Postgraduate award course	Current fees (per 1 EFTSU per annum)		Proposed increase (%)		Proposed fees (per 1 EFTSU per annum)	
	Local students	International students	Local	Int'l	Local students	International students
As per existing MPM					22,320	25,920

PROPOSED BY:

Nominated Faculty Officer Dean of Faculty (or Delegate)

APPROVAL:

Provost and Deputy Vice-Chancellor/Vice-Chancellor

SECTION 3: COURSE INFORMATION FORM AND MARKETING PLAN

PART 1: COURSE INFORMATION FOR FLEXSIS

Faculty: Engineering and Information Technologies

Department/School presenting the proposal: Project Management
Graduate Programme, School of Civil Engineering

Faculty Contact person and/or: A/Professor Liaquat Hossain Ext. No: 69110
Academic Proponent Email: l.hossain@usyd.edu.au

3.1.1 Type of proposal: Amended

3.1.2 Type of course: Postgraduate coursework

3.1.3 Name of award course(s)

Name of **amended** award course:
Graduate Certificate in Project Management
Graduate Diploma in Project Management
Master of Project Management

3.1.4 Abbreviated name

GradCertPM
GradDipPM
MPM

3.1.5 Date of introduction or deletion

Introduced: Year 2009 Semester 1

3.1.6 Course code

Course code of existing award course for amendment: HC031

3.1.7 CRICOS code

CRICOS code of existing award course for amendment: 031911D

3.1.8 Short degree description (e.g. for the UAC Guide):

GradCertPM
GradDipPM
MPM

3.1.9 Full degree description (e.g. for Faculty handbook):

Graduate Certificate in Project Management
Graduate Diploma in Project Management
Master of Project Management

3.1.10 Level of award:

Master's degree by coursework
Graduate Diploma
Graduate Certificate

3.1.11 Is this an Honours course? No

Honours requirements (if applicable): N/A

3.1.12 If the proposal is for a new award course, please indicate if the new course is the result of new resolutions for an existing course? Yes

3.1.13 Name of award that will be conferred upon completion of course:

Graduate Certificate or Graduate Diploma in Project Management, Master of Project Management or Master of Project Management with a specialisation.

3.1.14 If the proposal is for a new award course, please indicate which category the proposed course should be allocated to according to the DEST Field of Education and Discipline Area (available from the [Courses and Fees Toolkit](#)):

N/A

3.1.15 Credit points required for the award: 48

3.1.16 Location/campus for student attendance:

Camperdown & Darlington
 Online Delivery/Distance Mode X

3.1.17 Are students enrolling in the proposed award course subject to:

Criminal Record Check Yes No
 Prohibited Employment Declaration Yes No
 Health Records & Privacy Information Declaration Yes No

3.1.18 Articulation pathway (if applicable):

Students who successfully complete a Graduate Certificate, Graduate Diploma, Grad Cert and Grad Dip in Engineering, IT and IT Management or Master of Information Technology or a Master of Information Technology Management may articulate into the Master of Project Management.

Course(s) to which this course articulates		Credit given in articulating course
Code	Name	
HC031	Master of Project Management	48*
HC049	Master of Information Technology	18*
HC050	Master of Information Technology Management	18*
HF044	Graduate Diploma in Engineering	36*
HG027	Graduate Certificate in Engineering	24*

*At the discretion of the Dean.

3.1.20 Units of study offered in proposed award course:

(a). Existing units of study

UoS Code	UoS Name	Core/ Elective	Session offered	Course year offered
PMGT5876	Strategic Delivery of Change	Specialisation	1&2	2009
PMGT5879	Implementing Strategy, Project Portfolio and Programme Management	Specialisation	1&2	2009
PMGT 5872	People & Leadership	Professional Practice	1&2	2009
PMGT 6867	Quantitative Methods in PM	Specialisation	1&2	2009
PMGT 6869	Advanced Project Management	Professional Practice	1&2	2009
PMGT5875	ICT and Innovation PM	Specialisation	1&2	2009
PMGT5873	Project Economics and Finance	Specialisation	1&2	2009

PMGT5877	Management of Project oriented Organisation	Foundation	1&2	2009
PMGT5871	Project Planning & Control	Foundation	1&2	2009
ENGG5205	Professional Practice in Project Management	Professional Practice	1&2	2009
ENGG5203	Quality engineering and management	Specialisation	1&2	2009
ENGG5215	International engineering strategies and operations	Specialisation	1&2	2009

(b). New units of study

The UoS listed below are available to all MPM students.

MPM students who are graduates of science or equivalent should consult the attached Faculty tables, as per 3.1.20 (a).

UoS Code	UoS Name	Core/ Elective	Faculty	Australian Standard Classification Education (ASCED) Code	Session & campus offered	Credit points
PMGT5886	Systems Dynamics Modelling for PM	Foundation	EIT		1 & 2, Darlington, Online	6
PMGT5887	Computer applications in PM	Foundation	EIT		1 & 2 Darlington, Online	6
PMGT5893	Statistical Methods in PM	Specialisation	EIT		1 & 2, Darlington, Online	6
PMGT5889	Integrated Cost and scheduling Control	Specialisation	EIT		1 & 2, Darlington, Online	6
PMGT5888	Global Project Management	Specialisation	EIT		1&2, Darlington, Online	6
PMGT5891	Project Risk Mgmt	Specialisation	EIT		1&2, Darlington, Online	6
PMGT5892	Project Management Industrial Project	Research Practice pathway	EIT		1&2, Darlington, Online	12

SECTION 3 : COURSE INFORMATION FORM AND MARKETING PLAN

PART 2: COURSE INFORMATION FOR UNIVERSITY'S UNDERGRADUATE AND POSTGRADUATE COURSE DATABASE (FOR MARKETING PURPOSES)

- 3.2.1** UAC code: (Undergraduate courses only)
- 3.2.2** CRICOS code: new code required
- 3.2.3** Career opportunities: Graduates of the MPM will fill an important role both locally and internationally in the Engineering Management Professions, including: mining, manufacturing, water, automotive industry, structural industry, IT industry, finance, management, environmental consultancy and the many areas where accredited engineers are employed.
- 3.2.4** Areas of study: Project Economics Management; Project Planning and Scheduling Management; Global Project Management; Project Procurement Management; Project Risk Management; and, Project Quality Management and its application in Civil Engineering, Chemical and Biomolecular Engineering, Electrical and Computer Engineering, Information Technology, Aeronautical Engineering, Mechanical Engineering, Power Engineering.
- 3.2.5** Assumed knowledge: A Bachelor's degree in Engineering or Science or in other discipline.
- 3.2.6** Minimum education requirements:
- | | |
|--------------------------------|-------------------------------------|
| Bachelor's degree (pass) | <input checked="" type="checkbox"/> |
| Mature background | <input checked="" type="checkbox"/> |
| Relevant employment experience | <input checked="" type="checkbox"/> |
- 3.2.7** If the proposal is for a Postgraduate award course, please indicate the course method:
Coursework Coursework with research pathway
- 3.2.8** UAI (for UG only): 2xxx (e.g. 2007)
- 3.2.9** Additional admission selection criteria: Students will be admitted by individual application.
- 3.2.10** If the course is offered to international students please complete the following:
UAI International (for international students only): (Undergraduate courses only)
Other international student entry requirements: IELTS (or equivalent as acceptable by the Academic Board) minimum of 6.5 with no bands lower than 6.
- 3.2.11** If the proposal is for a Postgraduate award course, please indicate the application closing date:
For local students, closing date for applications is As per University calendar dates.
For international students, closing date for applications is As per University calendar dates.
- 3.2.12** Will mid-semester intake be available for:
- | | | | | |
|-----------------------------------|-----|-------------------------------------|----|-------------------------------------|
| Commonwealth-supported students | Yes | <input type="checkbox"/> | No | <input checked="" type="checkbox"/> |
| Local fee-paying students | Yes | <input checked="" type="checkbox"/> | No | <input type="checkbox"/> |
| International fee-paying students | Yes | <input checked="" type="checkbox"/> | No | <input type="checkbox"/> |

SECTION 3 : COURSE INFORMATION FORM AND MARKETING PLAN

PART 3: MARKETING PLAN

3.3.1 Marketing plan and strategy

The Faculty will market the MPM within its present marketing plan for all its postgraduate degrees. However the MPM, because of its professional accreditation through PMI, will have strong market interest from international students, mainly in India and China, as well as local students.

Marketing activities in Australia will involve the professional body (PMI), the Institution of Engineers Australia; the Faculty's industry liaison unit Engineering Sydney; the Graduate School of Engineering; relevant industry newsletters as well as the existing advertising, websites, information evenings and University agent activities. The Faculty would in addition be seeking additional support from government organisations linked to the skills shortage.

Some informal market research has already taken place in India and China indicating interest in the program. Student focus groups in both countries were in favour of the degree due to its professional accreditation, job prospects and the length of the program.

The marketing plan includes on shore marketing activities in India and China twice per year, use of University agents, extension of the existing MOU's with Harbin and Dalian Universities in China, preparation of marketing materials including the GSE website, and updating all IO marketing materials.

The Faculty will also market this program in the Middle East as a potential new market area.

APPROVALS

Nominated Faculty Officer

Dean of Faculty (or Delegate)

SECTION 4: INTERNATIONAL STUDENT ADMINISTRATION REQUIREMENTS

Faculty: Engineering and Information Technologies

Department/School presenting the proposal: Project Management Graduate Programme, School of Civil Engineering

Faculty Contact person and/or: A/Professor Liaquat Hossain **Ext. No:** 69110
Academic Proponent **Email:** l.hossain@usyd.edu.au

4.1.1 Type of proposal: Amended

4.1.2 Type of course: Postgraduate coursework

4.1.3 Name of award course(s)

Name of **amended** award course:
Graduate Certificate in Project Management
Graduate Diploma in Project Management
Master of Project Management

4.1.4 Abbreviated name

GradCertPM
GradDipPM
MPM

4.1.5 Date of introduction or deletion

Introduced: Year 2009 Semester 1

4.1.6 Course code

Course code of existing award course for amendment: H031

4.1.7 CRICOS code

CRICOS code of existing award course for amendment: 031911D

4.1.8 Marketing plan and strategy

Some informal market research has already taken place in India and China indicating interest in the program. Student focus groups in both countries were in favour of the degree due to its professional accreditation, job prospects and the length of the program.

The marketing plan includes on shore marketing activities in India and China twice per year, use of University agents, extension of the existing MOU's with Harbin and Dalian Universities in China, preparation of marketing materials including the GSE website, and updating all IO marketing materials.

The Faculty will also market this program in the Middle East and Thailand as potential new market areas.

4.1.9 Availability of course

Will international students be able to enrol full-time?

Yes

4.1.10 Mode of study

Will international students be able to study the proposed course in "face-to-face" mode for at least 75% of the time each semester?

Yes

4.1.11 Incidental (ancillary) fees

Will the proposed course incur any compulsory costs other than tuition fees and compulsory subscriptions?

Yes If yes please indicate the amount Up to \$100 per year on textbooks and course notes.

4.1.10 Commencement semester

Indicate whether entry to the course is possible in each semester.

SEM1 or 2

If entry is permissible in Semester 2, please indicate whether subject choice will be restricted and whether the duration of the course will necessarily increase?

All the UOS for the Graduate Certificate, Graduate Diploma and Master of Project Management will be made available to candidates during Semester 1 and Semester 2 on face to face and online or distance delivery mode.

4.1.11 English language requirements

Will the minimum English language requirement for the proposed course differ from the usual requirements (i.e. overall IELTS score of 6.5 with a minimum of 6.0 in each band)?

No

APPROVALS

.....
Dean or delegate

The Proposed Course is suitable for CRICOS registration and International Office processing.

.....
Director International Office

SECTION 5: OFFICE OF STRATEGY IMPLEMENTATION AND SUSTAINABILITY PLANNING

Faculty: Engineering and Information Technologies

Department/School presenting the proposal: Project Management Graduate Programme, School of Civil Engineering

Faculty Contact person and/or: A/Professor Liaquat Hossain **Ext. No:** 69110
Academic Proponent **Email:** l.hossain@usyd.edu.au

5.1.1 Type of proposal: Amended

5.1.2 Type of course: Postgraduate coursework

5.1.3 Name of award course(s)
 Name of **amended** award course:
 Graduate Certificate in Project Management
 Graduate Diploma in Project Management
 Master of Project Management

5.1.4 Abbreviated name
 GradCertPM
 GradDipPM
 MPM

5.1.5 Date of introduction or deletion
 Introduced: Year 2009 Semester 1

5.1.6 Estimated percentage distribution of load across departments in one or more faculties:

Faculty	Department	Estimated percentage of load
Engineering and IT	Project Management Graduate Programme, Civil Engineering	90%
Engineering and IT	Master of Professional Engineering, Faculty	10%

5.1.7 Number of semesters required to complete the course in minimum time 2

5.1.8 Estimated student enrolments (i.e. head count)

Estimated student enrolments		2009	2010	2011
Commonwealth-supported places	Full-time			
	Part-time			
Local fee-paying	Full-time	10	15	20
	Part-time	30	35	40
International fee-paying	Full-time	40	50	60
	Part-time			
Total student enrolments		80	100	120

5.1.9 For undergraduate degrees only, please indicate the expected 'carry-on' rate from one academic year to the next.

e.g. the number of students in first year in year 'n' expected to re-enrol in second year in year 'n+1'.

5.1.10 IMPORTANT The University operates within a fixed target for Commonwealth-supported Place (CSP) load. Any new course proposals which include intakes of CSP (HECS) students must be accompanied by an indication of a corresponding reduction in the CSP intake to another degree of similar duration offered within the same Faculty.
Details of proposed reduction: N/A

APPROVALS

Nominated Faculty Officer

Dean of Faculty or delegate