MSc Real Estate Investment (REI)
For students entering in 2006

Awarding Institution:	The University of Reading
Teaching Institution:	The University of Reading
Faculty: Economics and Social Sciences	**Programme length:** 12 months
Date of specification:	September 2006
Programme Director:	Nick French (Deputy: Eamonn D'Arcy)
Board of Studies:	Postgraduate Courses in REP
Professional Accreditation: (MSc Only)	Royal Institution of Chartered Surveyors (RICS)

Summary of Programme Aims
The aim of this degree is to prepare graduates for a career in the investment market where they may be asked to evaluate the relative benefits of property against equities, bonds and financial derivative products. These other financial assets are traded in markets that are more liquid and more transparent than those experienced in property. Recommendations to invest in real estate have to be persuasive when compared with recommendations to invest in other financial assets. This course aims to enable students to understand real estate investment in the context of other investment opportunities.

Transferable Skills
The University's Strategy for Teaching and Learning has identified a number of generic transferable skills that all students are expected to have developed by the end of their degree programme. In following this programme, students will have had the opportunity to enhance their skills relating to career management, communication (both written and oral), information handling, numeracy, problem solving, team working and use of information technology.

The MSc Real Estate Investment programme is designed to ensure that students progressively develop these transferable skills throughout their studies, in parallel, and integrated, with acquiring more specialist knowledge, understanding and skills.

Programme Structure and Content
The MSc programme in Real Estate Investment is designed within a 180 credit modular structure with nine 20-credit modules.

The first part of the course lasts up to the summer examination period and students are required to take 8 modules in this period in 2 blocks of four units. Following an intensive induction period, all students are required to study four core modules. These are; The Real Estate Environment, Real Estate Economics, Capital Project Analysis and Investment and Appraisal. In the second term of the course students are required to take four more taught modules. In addition to the two core modules of Real Estate Investment and Real Estate Portfolio Analysis, students can take two other modules from the suite of modules within the Full Time MSc Real Estate Programme; these are listed in the schedule below. During the Summer Term, consolidation and revision periods for the 8 modules are followed by the formal examination papers (a maximum of five papers dependent upon module choice). After the examination period, students attend a European Field Trip and then take one further module; which is an Investment Project related to the chosen route. Alternatively, students, if they also opt for the Research Methods module, can undertake a dissertation in lieu of the two option modules and the project.

The table below sets out the programme timing and content.

Mod Code	Module (Core Modules Shaded)	Credits	Level
REMF01	The Real Estate Environment	20	M
REMF02	Appraisal	20	M
ECMFRE	Real Estate Economics	20	M
REMF03	Capital Project Analysis and Investment	20	M
REMF04	Real Estate Valuation	20	M
REMF05	Real Estate Management	20	M
REMF06	Real Estate Investment	20	M
REMF07	Real Estate Development	20	M
REMF08	Real Estate Portfolio Analysis	20	M
ECMIRM	International Real Estate Markets	20	M
REMF09	Real Estate Finance and Funding	20	M
REMF11	Research Methods	20	M
REMF12	Dissertation Part 1		M
	Exams (Middle of Summer Term)		
	Field Trip (Straight after Exams) Assessed in The Real Estate Environment Module		
REMF14	Project (Investment)	20	M
REMF12	Dissertation Part 2 (40 credits in total to include Dissertation Part 1)	40	M

Progression Requirements

Students must achieve an average mark of 50% across modules totalling 180 credits to be awarded the Masters Degree as outlined below (see classification). Students will have the right to re-sit any module once normally within 12 months (the maximum mark recordable at re-sit being 50%). There is an interim examiners' meeting immediately following the summer term examinations to assess the first 8 modules and to determine any re-sit requirement. The final examiners' meeting is in September. There is no progression requirement between the two examiners' meetings.

The award of the Post Graduate Certificate and the Post-Graduate Diploma will be dependent upon the successful completion of 60 credits and 120 credits respectively at the same pass marks as for the Masters Degree.

Summary of Teaching and Assessment

Teaching is organised in 20 credit modules each credit representing 10 hours of student effort and a total of 200 hours for the module. The relationship between class contact in the form of lecture, workshop, seminar, tutorial and student centred learning in the form of individual research and project/case study is varied across all modules and is set out in the individual module descriptors. All modules are designed to deliver M level outcomes although there is some undergraduate level technical material, especially within Term 1 modules, for students with non-cognate academic backgrounds. Each module progresses through this material quickly and obtains M level student achievement as measured by the summative assessments in each module. Within each of these modules, the overall aim is to move towards students being able to understand the knowledge obtained and be critically aware of the theoretical and practical implications of the material. Students have to choice, depending upon their chosen pathway, to opt for an individual project or

a dissertation, which will give them further opportunity to demonstrate understanding and the ability to research material and to communicate clearly.

Students will be assessed by a range of methods including formal seen and unseen examination papers and individual and group assignments including applied problem solving, essays, literature reviews, reports, presentations and projects. The formal examinations will take place in June of each year. Students will have the right to re-sit any module once, normally by written examination, in early September. Dissertation and Project re-sits within one year.

Classification
The University's taught postgraduate marks classification is as follows:

Mark	**Interpretation**
70 – 100%	Distinction
60 – 69%	Merit
50 – 59%	Good Standard (Pass)
40 – 49%	Work Below Threshold Standard (Failing category)
0 – 39%	Unsatisfactory Work (Failing category)

For Masters Degrees
To pass the Masters, students must gain an average mark of 50 or more overall in modules worth 180 credits including a mark of 50 or more for the dissertation and have no mark below 40. In addition the total credit value of all modules marked below 50 must not exceed 55 credits.

Students who gain an average mark of 70 or more overall including a mark of 60 or more for the dissertation will be eligible for the award of Distinction. Those gaining an average mark of 60 or more overall including a mark of 50 or more for the dissertation and will be eligible for the award of Merit.

For PG Diplomas
To pass the Postgraduate Diploma students must gain an average mark of 50 or more in modules worth 120 credits and have no mark below 40. In addition the total credit value of all modules marked below 50 must npt exceed credits.

For PG Certificate
To pass the Postgraduate Certificate students must gain an average mark of 50 or more in modules worth 60 credits and have no mark below 40.

Admission requirements
Entrants to this programme are normally required to have obtained:

UK requirement:	2:1 or above in any subject
EU and Overseas Requirement:	Upper Quartile performance in degree from internationally recognised University. English IELTS 7.0 TOEFL 610 or above,
Mature Entrants:	The academic requirement for mature students may be relaxed in light of relevant professional experience.

Admissions Tutor: Nick French

Support for Students and their Learning
University support for students and their learning falls into two categories. Learning support includes IT Services, which has several hundred computers and the University Library, which across its three sites holds over a million volumes, subscribes to around 4,000 current periodicals, has a range of electronic sources of information and houses the Student Access to Independent Learning (S@IL) computer-based teaching and learning facilities. There are language laboratory facilities both for those students studying on a language degree and for those taking modules offered by the Institution-wide Language Programme. Student guidance and welfare support is provided by Personal Tutors, the Careers Advisory Service, the University's Special Needs Advisor, Study Advisors, Hall Wardens and the Students' Union.

The Department's Resource Centre contains a variety of information sources relevant to Land Management-related courses. It has a wide-ranging reference collection of textbooks, journals, property company reports and planning documents, which complements the material held in the Main University Library. The Resource Centre also holds the *Barbour Index* microfiche files for *Planning* and *Property Management*, and a link to the on-line *FOCUS* databases provided by Property Intelligence plc and EGi provided by the Estates Gazette. The Department has significant computer facilities for the sole use of its staff and students.

Career Prospects
Our students have been regularly employed by the largest and most prestigious firms of property consultants including: Jones Lang LaSalle, DTZ Debenham Thorpe, ATIS Weatheralls, Chestertons, Cushman & Wakefield, Drivers Jonas, King Sturge, Knight Frank, FPDSavills, and CB Richard Ellis. Reading graduates have progressed to the most senior positions in these and other organisations both in the UK and around the world. Our international students readily gain employment in the real estate industry in their home or other countries.

Additionally graduates have found employment with development companies (e.g., Slough Estates, Taylor Woodrow, John Laing Developments, Trafalgar House), management consultants (e.g. PriceWaterhouseCoopers), insurance companies (e.g. Legal & General Investment Management), voluntary sector organisations and the private corporate sector. Traditionally our students have had little difficulty in securing employment and, even during the recession, the vast majority of our graduates had secured employment or were undertaking further study within three months of the end of their programme. Historically, the Real Estate Master's courses at Reading have enjoyed an employment record is virtually 100% since their inception in the 1980s.

Opportunities for Study Abroad
The nature of the intensive 1 year Masters programme is not tailored to any period of study abroad apart from a 1 week Mainland European Field Trip in June. Many students come from abroad to undertake the course.

Educational Aims of the Programme
The MSc programme is a blend of academic rigour and applied practical analysis. The programme aims to provide students with the knowledge and skills necessary for successful careers in the international and national UK real estate industry and is accredited within the University/RICS partnership arrangement. The aims of the programme are to provide students with a structured but flexible learning framework and to ensure that the skill areas covered by the programme are applicable to a range of occupational and professional needs while relevant to other possible future career paths.

Programme Outcomes

The programme provides opportunities for students to develop and demonstrate knowledge, understanding, skills, qualities and other attributes in the areas outlined in the following pages (see pages 6,7 and 8):

Please note: This specification provides a concise summary of the main features of the programme and the learning outcomes that a typical student might reasonably expect to achieve and demonstrate if he/she takes full advantage of the learning opportunities that are provided. More detailed information on the learning outcomes, content and teaching, learning and assessment methods of each module can be found in the study module guides and programme handbook.

Knowledge and Understanding

A. Knowledge and understanding of:

1. The institutional environment of the UK real estate market including the basic legal structures, physical features and planning systems.
2. The economic framework of real estate markets.
3. The financial markets within which real estate markets are formed and the quantitative techniques used to appraise within all financial markets
4. The specialist topics of Real Estate Management, Real Estate Valuation, Real Estate Investment, Real Estate Development

Teaching/learning methods and strategies

Acquisition of knowledge of fields 1 – 4 is promoted across the programme through lectures, tutorials, seminars, practicals, workshops, case studies, role-play exercises, IT-based exercises, site visits, guest lectures, other project-based assignments, and through individual consultation with academic staff and personal tutors. The first four core modules of the programme focus on developing students' understanding of the general principles underpinning the more specialised studies in field 4, the subject of study up to the Summer Term examination period.

The project stream allows the students to develop their knowledge and understanding of Management and Valuation and integrate it into their previous studies.

Assessment

The eight core modules are assessed through similar weightings of assignment in the forms identified earlier and formal examination, apart from two core modules, RE Environment and Appraisal, which are 100% coursework. This means that each student will take 6 examinations. The project work is 100% coursework assessed.

Skills and other attributes

B. Intellectual skills – able to:

1. Integrate theory and practice
2. Collect and synthesise information / data from a variety of sources
3. Analyse and interpret data and information
4. Think logically and critically
5. Define, solve and/or advise on problems
6. Select and apply appropriate quantitative techniques of analysis and appraisal.
7. Plan, execute and write a report in response to a specific 'client' brief
8. Adapt and apply knowledge and skills in a changing professional environment and to other fields

Teaching/learning methods and strategies

These skills are developed through lectures, tutorials, seminars, practicals, workshops, case studies, role-play exercises, IT-based exercises, site visits, guest lectures, other project-based assignments, and through individual consultation with academic staff and personal tutors. The programme is designed to progressively develop students' intellectual skills.

Assessment

Intellectual skills are assessed through a wide variety of approaches including essays, unseen examination papers, open book examinations, group projects, specialist exercises, presentations, tutorial & seminar papers, and reports.

C. Practical skills – able to:

1. Locate information sources and select, assemble and present information in a variety of contexts
2. Collect, record, analyse and present statistical material
3. Value a range of property and non-property-related assets using a variety of appraisal approaches and techniques, including the application of financial mathematics
4. Use various quantitative techniques
5. Write a 'plain-English' report
6. Write an effective CV

Teaching/learning methods and strategies

Skills 1 and 2 are developed primarily in the project but the location, collection, collation and analysis of data is introduced in the first term, in particular in Appraisal and RE Economics. It is developed in Term 2 in, for example, RE Development, RE Investment and RE Management. Skill 3 is developed primarily in Appraisal and RE Valuation but is also an important aspect of RE Development, Investment, Management and Capital Project Analysis and Investment. The quantitative nature of the majority of the course modules means that Skill 4 is introduced and developed in virtually all modules with the exception of The RE Environment and Property Law. Skill 5 is embedded within assignments, for example within Property Law and RE Economics in Term 1 and in RE Development in Term 2. Skill 6 is also embedded in the Careers process whereby individual informal tutorials with staff develop CVs and discuss interviews. The students also have access to formal CV writing sessions with colleagues in the careers department

Assessment

Skills 1 – 5 are primarily assessed through coursework, in the form of essays and/or practical projects. Skills 2, 3 and 4 are also assessed through unseen written examinations. Skill 6 is assessed informally by individual tutorials with staff as students go through the process of employment application and interview throughout the year.

D. Transferable skills

1. Communicate effectively by oral and written means (also graphically subject to choice of option modules)
2. Numerical skills including data collection and interpretation
3. Problem solving skills
4. Time / task management and team working skills
5. Competent use of information technology including some specialist software packages
6. Business awareness
7. Information handling
8. Autonomous learning – be able to undertake self-directed study
9. Career management skills

Teaching/learning methods and strategies

The teaching and acquisition of these transferable skills is firmly embedded in the programme. For example, both written and oral communication is stressed in most modules and is a feature of all. Student led seminars are a feature of RE Economics in Term 1 and written communication is assessed in Property Law Assignments. Appraisal has a significant element of graphical representation embedded in the teaching and numerical skill development and problem solving (Skills 2 and 3) are an essential part of the knowledge development in the subject. Skill 2 is also developed in all modules in Term 2 as all have a numerical analysis component and virtually all problem solving. Team working is developed in, for example, RE Development but is also embedded in the course ethos, whereby past groups have pooled and shared information and expertise informally for the greater good. This also feeds into Skill 8 which is primarily embedded in the project stream.

Financial analysis of business decisions engenders an awareness of business and this element is developed in the problem solving modules identified above, mostly in the context of financial problem solving. These modules also involve significant elements of information handling (Skill 7)

There are no formal sessions to prepare students for the usual cycle of career presentations, applications and interviews but there is a strong informal network in the course team who have a high level of links to employers and experience of advising on cognate careers and job applications and interviews. In addition to the informal careers advice provided by personal tutors, Skill 9 is developed by a formal system of presentation skill seminars, psychometric testing and feedback from colleagues in the careers department

Assessment

As a result of this 'pervasive' approach to transferable skills, students' performance is assessed across the full range of skills throughout the programme on a module-by-module basis through coursework including practical projects when feedback is provided. Skills 2,3,6 and 7 are examined within the core modules in Terms 1 and 2 in formal examinations and assignments.

Please note - This specification provides a concise summary of the main features of the programme and the learning outcomes that a typical student might reasonably be expected to achieve and demonstrate if he/she takes full advantage of the learning opportunities that are provided. More detailed information on the learning outcomes, content and teaching, learning and assessment methods of each module can be found in the module description and in the programme handbook. The University reserves the right to modify this specification in unforeseen circumstances, or where the process of academic development and feedback from students, quality assurance processes or external sources, such as professional bodies, requires a change to be made. In such circumstances, a revised specification will be issued.