Note: To add a new row to any table sit in the last column of the last row and press the Tab key.

1. GENERAL INFORMATION

Award	Programme Title	Duration	Mode of study
MA	Economics	12 months	FT
MA	Economics	24 months	PT
Postgrad Diploma	Economics	9 months	FT (exit award only)
Postgrad Certificate	Economics	6 months	FT (exit award only)

School	School of Social Sciences, Economics Discipline Area
Faculty	Humanities
Awarding Institution	University of Manchester
Programme Accreditation	
Relevant QAA benchmark(s)	Economics

2. AIMS OF THE PROGRAMME(S)

The programme aims to:

01.	provide instruction and rigorous training in economics and the relevant methods of mathematical economics and econometrics research in this area
02.	develop students' powers of inquiry, critical analysis, and logical thinking and to apply theoretical knowledge to current issues of policy and practice in economics
03.	encourage initiative, independent learning, awareness of analytical and theoretical approaches in the field of economics, exposure to recent research and the state of the art tools in applied work in economics
04.	give training to students in research methods and core skills in microeconomics, macroeconomics, econometrics, mathematical economics, problem-solving, written and oral expression, communication presentation skills
05.	equip students with the intellectual apparatus and practical skills necessary for an economist working in private or public organisations
	PG Dip only
06.	enable students to apply basic research skills to a relevant research area either in economics or econometrics, via appropriate course units
	MA only
07.	enable students to apply advanced research skills to a relevant research area either in economics or econometrics, via course units and a dissertation

3. INTENDED LEARNING OUTCOMES OF THE PROGRAMME(S)

A. Knowledge & Understanding	
Students should be able to:	
A1.	Acquire a solid knowledge and understanding of the core principles of microeconomics, macroeconomics, and an awareness of the quantitative tools used in applied and empirical work
A2.	Develop and demonstrate knowledge and understanding of the current and prospective developments in the theory and applications of economics.
A3.	Develop and demonstrate a solid knowledge and understanding of the micro- and macro-economic modelling tools used in modern economics, including familiarity with the latest quantitative tools used in recent research in the field of economics, and develop and demonstrate ability to understand, interpret and critically assess the advantages and limits of methods and models used in economics.
A4.	Comprehend the key types of research applied and theoretical methodologies, mathematical and econometric techniques and the skills that are used in economics research.
A5.	Demonstrate the ability to develop research ideas and manage research projects, to identify and select the tools for implementing profound analyses, show ability to pursue independent learning, to use theoretical models in an applied context, to interpret quantitative and qualitative findings, and to interpret and present such findings in an appropriate (written and/or verbal) format.
	PG Dip only
A6.	Demonstrate a critical awareness of research issues, analytical and quantitative methods in economics.
	MA only
A7.	Demonstrate a critical awareness of research issues, analytical and quantitative methods in economics, and show ability and knowledge of relevant skills and research methodology for developing, planning, managing and implementing original research projects.
A8.	Produce a piece of academic research in the form of an MA Dissertation, demonstrating a knowledge of the relevant literature, ability to use methodologies and quantitative tools in modelling obtaining results, together with awareness and ability to present advantages and limits of methods and models used in economics.

↓ **Learning & Teaching Processes** (to allow students to achieve intended learning outcomes)

↑ **Assessment** (of intended learning outcomes)

A1- A6 Teaching methods will vary with the nature of the subject and the learning objectives. The methods include a combination of lectures and appropriate fortnightly or weekly exercise classes (workshops/tutorials). Lectures are used as the foundation for delivering knowledge; develop ability to interpret results and to understand the skills and methods used in their derivation. In the first semester units, students will be introduced to the basic models used in economics at an intermediate level of study, and the relevant quantitative tools and methods. The second semester units will expose students to specific methods of analysis and essential theories, models and tools used in economics. Tutorials (workshops) will serve to further enhance knowledge and understanding through practice and discussions and computer-based laboratory exercises, and allow detailed and intensive skill development in the area of quantitative data collection and analysis. Independent study. Students are expected to supplement lecture material with readings as directed by lecturers, including relevant textbooks and journal articles in the field. In addition exercises and assignments need to be prepared in advance of tutorial classes (workshops).		Summative: All taught units (120 credits) are summatively assessed by written unseen examinations. Some units are assessed partly by essays or other coursework. Formative assessment opportunities are provided through exercises completed in tutorials/ workshops and model answers are provided.
For MA students A5 is further enhanced through the a workshop explaining the nature of the MA Dissertation. A7-A8 - The MA Dissertation will involve a combination of lectures on doing applied research in economics, i.e. identifying issues, researching the media as well as journal articles, identifying and locating what data to use, using appropriate statistical techniques, and how to conduct and write-up the project, (b) conducting the research, maybe in groups, (c) presenting the research, and (d) writing up the project.	→	1/3 of the total grade (60 credits) is awarded to the MA Dissertation which is assessed by a written proposal, an exploratory data analysis, a database, a presentation and the completion of a research project of between 15 and 20 pages (6700 words +/-700).

B. Intellectual Skills

Students should be able to:

B1.	Apply the analytical and quantitative skills required for scientific reasoning and research in Economics.
B2.	Identify appropriate theories or models, statistical or mathematical techniques, and IT support for the analysis of relevant questions and the behaviour of economic agents in Economics.
B3.	Show ability in problem solving, by appropriately selecting relevant/appropriate techniques and tools for the statistical analysis of economic data sets.
B4.	Show ability to interpret econometric results and put them into the appropriate economics context.
B5.	Demonstrate capacity for independent directed and self-initiated learning and a profound management of time as required at a postgraduate level of study.
B6.	Show ability to use logical reasoning and scientific rigour when undertaking study and research in Economics.
B7.	Demonstrate ability in appreciating modern research in Economics.
	MA only
B8.	Demonstrate the use of advanced skills and techniques and curiosity in developing new research ideas or new methodologies for research and applications in economics and thereby be adequately prepared to pursue subsequent PhD-training or a professional career.

Learning & Teaching Processes

B1- B7 Lectures are used as the foundation for gaining knowledge; develop ability to interpret results and to understand the skills and methods used in their derivation. Tutorials will serve to further enhance knowledge and understanding through practice and discussions.

Independent study. Students are expected to supplement lecture material with readings as directed by lecturers, including relevant textbooks and journal articles in the field.

Workshops and tutorial classes will be used to develop quantitative and IT-skills and also to practice rigorous analytical reasoning. Problem-solving exercises will also support acquiring these skills.

Assessment

Summative assessment in form of written unseen examinations for all course units and coursework assignments assess intellectual skills and covers B1-B6 and B7.

Formative assessment of coursework and test examinations will further enhance independent learning and critical thinking and expose students to tools and techniques used for rigorous analyses.

B8. The MA Dissertation provides the opportunity to engage in new and modern research and applied work at an intermediate level in Economics. At the beginning of the second term students will be in an position to begin to formulate a preliminary research idea. Shortly after the summer exams students will begin to properly formulate there research plan having acquired the knowledge and understanding that will enable them to quickly engage on their Dissertation. This process is further enhanced by group supervision, during writing their Dissertations.	B1-B8 are additionally assessed, for MA students, as part of the Dissertation assessment.

C. Practical Skills

Students should be able to:

C1.	Manage research work effectively.
C2.	Identify, extract and analyse economic data from databases, websites, and from alternative sources, and interpret results using modern econometric techniques.
C3.	Identify relevant literature; provide appropriate citations, acknowledgements, and reference sources.
C4.	Present quantitative and qualitative information, complemented with analysis, argument, and discussion in appropriate form.
C5.	Use communications and information technology in acquiring, analysing and communicating information (spreadsheets, word-processing, on-line databases, statistical and econometric packages).

Learning & Teaching Processes	**Assessment**
The use of major econometric, statistical and related software packages (such as *STATA*, and *EViews*) is obtained and taught in lectures, workshops, on-line tutorials and through assessed coursework.	Practical skills C2-C5 are assessed through taught courses.
Students are frequently referred in lectures, reading lists and coursework material to sources of useful information on the Internet and the library. This information ranges from official reports, e-journals, working papers, books through to central bank web-sites, and statistical databases.	For MA students, practical skills C1 – C5 are further enhanced and assessed via the work on the Dissertation.
The availability of courses for postgraduates at Manchester Computing {eg in the use of statistical packages like *Stata* , or the use of the Economic and Social Data Service (ESDS International) } are brought to the attention of students.	

D. Transferable Skills and Personal Qualities

Students should be able to:

	PG Dip and MA
D1.	use the Internet, major econometric, word processing, spreadsheet and related software in an integrated approach to the presentation of research reports.
D2.	structure and present ideas effectively orally, visually and in writing.
D3.	plan and implement a research strategy.
D4.	manage time effectively, prioritise learning and research activities, and work to deadlines.
D5.	exercise initiative and self-reliance skills, and work independently.
D6.	demonstrate numeracy and employ computational skills in research.
D7.	appreciate alternative viewpoints.

Learning & Teaching Processes	Assessment
Transferable skills (including word-processing and other 'office' ICT competencies) are generally integrated into the curriculum of each course unit. Teaching and learning methods are evaluated in terms of the quality of student's output, students' effectiveness in providing and communicating the information that is required. Students develop practical skills through workshops/tutorials and assessed coursework.	Transferable skills feature in assessments of coursework as appropriate. A major part of the assessment of MA students is conducted through the Dissertation.
Each MA student will have access to the lecturer who runs the Dissertation course. As well as the lectures, the lecturer will provide general guidance on the implementation of the student's research strategy, and work with the student to ensure that good progress is maintained and time is managed effectively in order to meet the submission deadline in September.	D2, D3, D4 (Penalties for late submission apply) and D6 are assessed by course units that include assessed coursework D3 is assessed for MA students directly through the Dissertation. D1, D6 and D7 are also assessed by a variety of course units via assessed coursework, unseen examination, and (for MA students) the Dissertation.

4. THE STRUCTURE OF THE PROGRAMME(S)

Programme structure and credits	Credits
Semester 1	
Compulsory	
ECON60411 Macroeconomics	**15**
ECON60391 Microeconomics	**15**
ECON60611 Introduction to Econometrics	**15**
ECON60081 Mathematical Methods for Economic Analysis	**15**
RSCH60300 Computer Training	**0**
Semester 2	
ECON60622 Further Econometrics	**15**
and	
Three optional units selected from an approved list (in course handbook) or other options at the Programme Director's discretion	**15**
ECON73000 Dissertation	**60 credits**

5. STUDENT INDUCTION, SUPPORT AND DEVELOPMENT (in order to deliver the intended learning outcomes, including Dissertation support and guidance)

A. Induction

Induction arrangements include a general welcome, study advice, an introduction to library and IT resources and how to use them, advice on examinations and assessment, and information about student support services. A welcome party is held for all PGT students in the Economics Discipline Area, where students can meet each other, academic and support staff and PhD students.

The discipline area offers a one week pre-session Maths course for students who like to refresh their Maths skills before the programme begins (which most students attend).

Programme Handbooks are given to all new students. These contain comprehensive information about all aspects of the programme, as well as practical information about the Economics discipline area and the School of Social Sciences.

All information is also available on the discipline area web and intranet sites.

B Support

Programme Directors keep students' progress under review and students are encouraged to contact the Programme director and/or the PG Administrator should they need either academic guidance, or to discuss issues of a personal nature. Students are encouraged to make full use of the University support services, including the accommodation services, the Careers Service, the Central Academic Advisory Service, the Counselling Service, etc – full details of these are included in the programme

handbook.

Dissertation. The dissertation is organised through a series of lectures in the second semester and over the summer. The lecturer will give support to the students when they are conducting and writing up their dissertations.

IT Support Postgraduate students have access to a number of computer clusters throughout the University including: Humanities Bridgeford Street, Mansfield Cooper Building, Williamson Building John Rylands Library (Burlington Street in zones Blue 1, Blue 2 and Blue 3), Joule Library (Sackville Street Building on F Floor), Owens Park, University Place (Building 37a), Barnes Wallis Building (Student Association) 2nd Floor, Sackville Street (Room G11)

For more information, please see the following websites:

http://ict.humanities.manchester.ac.uk/facilities/clusters/index.html
http://www.itservices.manchester.ac.uk/pcclusters/

Research Skills Students are supported in the acquisition of research skills through the Dissertation and various compulsory course units.

Each PG programme elects a student representative who sits on the PG Staff-Student Liaison committee. Student representatives thus aid the decision making process by making known the student view.

6. CURRICULUM MAP OF COURSE UNITS AGAINST INTENDED LEARNING OUTCOMES OF THE PROGRAMME

Course Unit Title and Code (including Dissertations and other programme components)			**Knowledge & Understanding**								**Intellectual Skills**								**Practical Skills**					**Transferable Skills & Personal Qualities**						
Code	**Course Unit title**	**C/O**	**A 1**	**A 2**	**A 3**	**A 4**	**A 5**	**A 6**	**A 7**	**A8**	**B 1**	**B 2**	**B 3**	**B 4**	**B 5**	**B 6**	**B 7**	**B 8**	**C1**	**C 2**	**C 3**	**C 4**	**C 5**	**D 1**	**D 2**	**D 3**	**D 4**	**D 5**	**D 6**	**D 7**
ECON60411	Macroeconomics	C	x	x	x	x					x	x			x	x						x			x		x	x		
ECON60391	Microeconomics	C	x	x	x	x					x	x			x	x						x			x		X	x		
ECON60611	Introduction to Econometrics	C	x	x	x	x	x	x	x		x	x	x	x	x	x	x		x	x	x	x	x	x	x		x	x	x	x
ECON60081	Mathematical Methods for Economic Analysis	C	x	x	x	x	x		x	x	x	x	x		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
ECON60622	Further Econometrics	C	x	x	x	x	x	x	x		x	x	x	x	x	x	x		x	x	x	x	x	x	x		x	x	x	x
ECON73000	Dissertation	C								x								x	x	x	x	x	x	x	x	x	x	x	x	x

Legend for cells

D = intended learning outcomes of the programme are taught or developed by students within this course unit

A = intended learning outcomes of the programme are assessed within this course unit

C = compulsory course unit

O = optional course unit

7. CRITERIA FOR ADMISSION

Candidates must be able to satisfy the general admissions criteria of the University and of the School in the following way:

A minimum 2.1 class honours degree in Economics, Finance or a related subject (e.g. Business Studies, Managerial Economics), or the overseas equivalent. Candidates should have studied Microeconomics and Macroeconomics at least to the level of Year 2 of their undergraduate studies and applicants should also have a reasonable background in mathematics and in statistics.

Applicants whose first language is not English must attain one of the following:
IELTS - Overall 7, writing score 7
TOEFL - Overall 623, TWE 5 (PBT)
TOEFL(iBT) - Overall 100, with 25 in each of the 4 sections (IBT)

8. PROGRESSION AND ASSESSMENT REGULATIONS

Please see Page 29 of Taught Postgraduate Student Handbook. These are Faculty-level regulations and cannot be changed at the School or DA level.

Date of original production:	February 2009
Date of current version:	February 2009