EC9D3-30 Microeconomics B

23/24

Department
>   Economics

Level
>   Taught Postgraduate Level

Module leader
>   Daniele Condorelli

Credit value
>   30

Module duration
>   9 weeks

Assessment
>   Multiple

Study location
>   University of Warwick main campus, Coventry

Description

Introductory description

EC9D3-30 Microeconomics B

[Module web page](#)

Module aims

To enable students to acquire a rigorous understanding of key microeconomic principles, covering some of the most important topics, concepts and methods used in modern microeconomic analysis, along with relevant evidence and applications.

Outline syllabus

This is an indicative module outline only to give an indication of the sort of topics that may be covered. Actual sessions held may differ.

The syllabus may cover, but is not limited to, the following areas:
Consumer theory, producer theory, general equilibrium, equilibrium over time and under uncertainty, social choice, game theory, incomplete information, extensive games and mechanism design.

Learning outcomes

By the end of the module, students should be able to:

- Subject Knowledge and Understanding:...demonstrate a rigorous understanding of the mathematical foundations of microeconomic analysis. The teaching and learning methods that enable students to achieve this learning outcome are: Lectures, seminars, independent study. The summative assessment methods that measure the achievement of this learning outcome are: Examination and test.
- Subject Knowledge and Understanding:...demonstrate a rigorous understanding of applications of microeconomic theory. The teaching and learning methods that enable students to achieve this learning outcome are: Lectures, seminars, independent study. The summative assessment methods that measure the achievement of this learning outcome are: Examination and test.
- Subject Knowledge and Understanding:...demonstrate a rigorous understanding of microeconomic concepts in the areas of game theory, information economics and choice under uncertainty. The teaching and learning methods that enable students to achieve this learning outcome are: Lectures, seminars, independent study. The summative assessment methods that measure the achievement of this learning outcome are: Examination and test.

Indicative reading list

Geoffrey A. Jehle and Philip J. Reny (2011): Advanced Microeconomic Theory, FT/Prentice-Hall.
Andreu Mas-Colell, Michael Whinston and Jerry Green (1995): Microeconomic Theory, Oxford: Oxford University Press.
Peter C Ordeshook. (2008): Game Theory and Political Theory: An Introduction, Cambridge University Press.
Martin J. Osborne and Ariel Rubinstein (1994) : A Course in Game Theory
Drew Fudenberg and Jean Tirole (1991): Game Theory
Vijay Krishna (2009): Auction Theory
Tilman Borgers (2015): An Introduction to the Theory of Mechanism Design

[View reading list on Talis Aspire](#)

Subject specific skills

Students will have the opportunity to develop skills in:
Analytical thinking and communication
Analytical reasoning
Critical thinking
Strategic thinking
Problem-solving
Abstraction
Analysis of incentives
Concepts of simultaneity and endogeneity
Analysis of optimisation
Understanding of uncertainty and incomplete information

Transferable skills

Students will have the opportunity to develop:
Numeracy and quantitative skills
IT skills
Written communication skills
Oral communication skills
Mathematical, statistical and data-based research skills

Study

Study time

Type	Required
Lectures	36 sessions of 1 hour (12%)
Seminars	8 sessions of 1 hour (3%)
Private study	256 hours (85%)
Total	300 hours

Private study description

Private study will be required in order to prepare for seminars/classes, to review lecture notes, to prepare for forthcoming assessments, tests, and exams, and to undertake wider reading around the subject.

Costs

No further costs have been identified for this module.

Assessment

You do not need to pass all assessment components to pass the module.

Assessment group D1

	Weighting	Study time
Test 1 Micro B	5%	
Test 2 Micro B	5%	
Online Examination	90%	
3 hour exam plus 15 minutes reading time		

	Weighting	Study time
~Platforms - AEP		

- Online examination: No Answerbook required

Assessment group R

	Weighting	Study time
Online Examination	100%	
3 hour exam plus 15 minutes reading time		
~Platforms - AEP		

- Online examination: No Answerbook required

Feedback on assessment

The Department of Economics is committed to providing high quality and timely feedback to students on their assessed work, to enable them to review and continuously improve their work. We are dedicated to ensuring feedback is returned to students within 20 University working days of their assessment deadline. Feedback for assignments is returned either on a standardised assessment feedback cover sheet which gives information both by tick boxes and by free comments or via free text comments on Tabula, together with the annotated assignment. For tests and problem sets, students receive solutions as an important form of feedback and their marked assignment, with a breakdown of marks and comments by question and sub-question. Students are informed how to access their feedback, either by collecting from the Department of Economics Postgraduate Office or via Tabula. Module leaders often provide generic feedback for the cohort outlining what was done well, less well, and what was expected on the assignment and any other common themes. This feedback also includes a cumulative distribution function with summary statistics so students can review their performance in relation to the cohort. This feedback is in addition to the individual-specific feedback on assessment performance.

[Past exam papers for EC9D3](#)

Availability

Pre-requisites

The module demands a deep understanding of core undergraduate microeconomic principles, and a good understanding of mathematical methods such as constrained optimisation.

Courses

This module is Core optional for:

- Year 1 of TECS-C8P8 Postgraduate Taught Behavioural and Economics Science (Economics Track)
- Year 1 of TECA-L1P6 Postgraduate Taught Economics
- Year 1 of TECA-L1P7 Postgraduate Taught Economics and International Financial Economics

This module is Optional for:

- USTA-G300 Undergraduate Master of Mathematics,Operational Research,Statistics and Economics
  - Year 3 of G300 Mathematics, Operational Research, Statistics and Economics
  - Year 4 of G300 Mathematics, Operational Research, Statistics and Economics

This module is Option list B for:

- Year 4 of USTA-G300 Undergraduate Master of Mathematics,Operational Research,Statistics and Economics