DEGREE OF MASTER OF ARTS

CHOICE BASED CREDIT SYSTEM

SYLLABUS FOR M.A. ECONOMICS

FOR THE STUDENTS ADMITTED FROM THE
ACADEMIC YEAR 2012 – 2013 ONWARDS
REGULATIONS

The following regulations for the M.A., Economics are framed from the academic year 2013 – 13 and thereafter in the affiliated colleges of the Periyar University, Salem.

1. CONDITIONS FOR ADMISSION

A candidate who has passed B.A., Economics or B.Com., or B.B.M., or B.B.A., or B.Sc., Maths degree examination of Periyar University or an examination of some other University accepted by the syndicate as equivalent thereto shall be permitted to appear and qualify for the M.A., Economics in the affiliated colleges of the Periyar University.

2. ELIGIBILITY FOR THE AWARD OF DEGREE

A candidate shall be eligible for the award of the degree only if he/she undergone the prescribed course of study in the college affiliated to the University for a period of not less that two academic years, passed the examination of all the four semesters prescribed by earning minimum 50 percent of marks and fulfilled such conditions as have been prescribed thereafter.

3. DURATION OF THE COURSE

The course of the degree of Master of Arts shall consist of two academic years, consisting of four semesters. The course of study shall be based on Choice Based Credits System (CBCS) pattern with internal assessment. For this purpose each academic year shall be divided into two semesters. The First and Third Semesters cover the period from July to November and Second and Fourth Semester December to April.

4. EXAMINATION

There shall be four examinations. The First Semester Examination will be held at the middle of the First Academic Year and the Second Semester Examination at the end of the First Academic Year. Similarly examination will be held at the middle and at the end of the second academic year.
## 5. COURSE OF STUDY AND SCHEME OF EXAMINATION

<table>
<thead>
<tr>
<th>Subject Code</th>
<th>Title of the Paper</th>
<th>Semester</th>
<th>Credit</th>
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<tbody>
<tr>
<td><strong>I Semester</strong></td>
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<tr>
<td>EC C01</td>
<td>Micro Economic Theory – I</td>
<td>I</td>
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<td>EC C02</td>
<td>Macro Economic Theory – I</td>
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<td>EC C03</td>
<td>Public Economics</td>
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<td>EC C04</td>
<td>Statistics for Economics</td>
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<td>EC S01</td>
<td>Indian Economy</td>
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<td><strong>II Semester</strong></td>
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<td>Public Economics - II</td>
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<td>EC C08</td>
<td>Mathematics for Economics</td>
<td>II</td>
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<td>EC EDC</td>
<td>Indian Economic Development</td>
<td>II</td>
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<td><strong>III Semester</strong></td>
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<td>EC C09</td>
<td>Growth and Development</td>
<td>III</td>
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<td>EC C10</td>
<td>Monetary Economics</td>
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<td>EC C11</td>
<td>Research Methodology</td>
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<td>EC E02</td>
<td>Women Studies</td>
<td>III</td>
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<td>EC E03</td>
<td>Agricultural Economics</td>
<td>III</td>
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<td><strong>IV Semester</strong></td>
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<td>EC C12</td>
<td>Industrial Trade and Finance</td>
<td>IV</td>
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<tr>
<td>EC E04</td>
<td>Industrial Economics</td>
<td>IV</td>
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<td>EC C13</td>
<td>Environmental Economics</td>
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<tr>
<td>Project</td>
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<td><strong>Total</strong></td>
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### Courses

A Master degree programme consists of a number of courses. The term course is used to indicate a logical part of subject matter of the programme. The details of credit are as follows:-

- **Core Course**: 65 Credits
- **Elective Course**: 12 Credits
- **EDC**: 03 Credits
- **Project**: 10 Credits

**Total**: 90 Credits
10. REQUIREMENT FOR PROCEEDING TO SUBSEQUENT SEMESTER

1. Candidates shall register their names for the First Semester Examination after the admission in the PG Courses.

2. Candidates shall be permitted to proceed from the First Semester up to Final Semester irrespective of their failure in any of the Semester Examinations subject to the condition that the candidates should register for all arrear subjects of earlier semesters along with current (subsequent) semester subjects.

3. Candidates shall be eligible to go to subsequent semester, only if they earn, sufficient attendance as prescribed by the syndicate of the Periyar University from time to time.

Provided in the case of candidate earning less than 75 percent of attendance in any one of the semesters due to any extraordinary circumstances such as medical grounds, such candidates who shall produce Medical Certificate issued by the Authorized Medical Attendant (AMA), duly certified, shall be permitted to proceed to the next semester and to complete the course of study. Such candidate shall have to repeat the missed semester by rejoining after completion of final semester of the course, after paying the fee for the break of study as prescribed by the Periyar University from time to time.

10. PASSING MINIMUM

A candidate shall be declared to have passed in each paper wherever prescribed if he/she obtains NOT LESS THAN 50 percent OF MARKS prescribed for the examination. He/She shall be declared to have passed the whole examination, if he/she passes in all the papers wherever prescribed/as per scheme of examinations earning 90 credits.

10. CLASSIFICATION OF SUCCESSFUL CANDIDATE

Candidates who secured not less than 60% of aggregate marks in the whole examination shall be declared to have passed the examination with FIRST CLASS.

All other successful candidates shall be declared to have passed with SECOND CLASS.
Candidates who obtained 75% of the marks in aggregate shall be deemed to have passed the examination in **FIRST CLASS WITH DISTINCTION**, provided they passed all the examinations prescribed for the course in the first appearance.

10. **RANKING**

Candidate who passed all the examinations prescribed for the course in the **FIRST ATTEMPT ONLY** is eligible for Classification/Ranking/Distinction.

10. **PATTERN OF QUESTION PAPER**

Time: 3 Hours

**SECTION A (10 X 1 = 10)**
Answer ALL Questions

**SECTION B (5 X 5 = 25)**
Answer ALL Questions (Either or)
Each Answer should not exceed 300 words

**SECTION C (5 X 8 = 40)**
Answer ALL Questions (Either or)
Each Answer should not exceed 500 words
MA ECONOMICS SYLLABUS

MICRO ECONOMICS – I ECC 01

This paper intends to deal with the micro economic theory of the introductory level. The students are expected to understand the behaviour of consumer and producer and the concepts of cost and pricing.

UNIT I Consumer Behaviour


UNIT II Production Analysis

Production Function – Linear Homogeneous Production Function – Cobb-Douglas Production Function - Possibility Curve.

UNIT III Pricing under Market Structure


UNIT IV Cost Analysis


UNIT V Factor Pricing


Reference Books
This paper would help the students to learn about the concepts, issues and theories of macro economics. They would also be exposed to the practice of macro economic policies in India.

UNIT I General Macro Concepts

Nature and scope of macro Economics – Variables - Dependent and Independent Variables - Endogenous and Exogenous Variables stock and flow variables - Functional Relationships and parameters.

UNIT II National income and Product Aggregates


UNIT III Theories of Consumption Function

Consumption Function-Keynesian psychological Law of Consumption-absolute income-hypothesis, Duesenberry hypothesis or Relative income hypothesis-Permanent income-hypothesis-Life Cycle Hypothesis.

UNIT IV The Concept of Multiplier


UNIT V Supply Side Economics


Reference Books
This paper introduces limitations of market and role of government. The students will learn the different functions of government and choice making in a democracy from a micro perspective.

UNIT-I Fiscal Functions and Public Goods


UNIT II Public Choice in a Democracy and the theory of Public Expenditure


UNIT III Cost - Benefit Analysis


UNIT IV Public Enterprises


UNIT V Taxation and Indian Tax & Expenditure Structure

Principles of taxation - concept and merits of proportional - Progressive and Regressive Taxes - concept of taxable capacity - Taxes levied by central and State Governments - Tax and expenditure reforms in India - Deficit finance - causes and consequences.

Reference Books
This paper will train the students in descriptive as well as inferential statistics. It will expose them equally to the principles and practices of statistical tools.

UNIT – I – Descriptive Statistics


UNIT – II – Elementary Theory of Probability


UNIT – III – Simple Regression Analysis


UNIT – IV – Test of Significance

Null and Alternative Hypothesis – One tailed and Two Tailed Tests – Type I and Type II Errors – Critical Region – Level of Significance – Procedure of Testing a Hypothesis, Large Sample Tests: Test for single Proportion, Difference of Two Proportions, Single Mean and Difference of Two Means – Simple Problems.

UNIT – V – Statistical Tools

Small Sample Tests – ‘t’ Tests for Single Mean, Difference of Two Means and Correlation Coefficient – Simple Problems, Chi Square Test of Homogeneity, Chi Square Test of Independence of Two Attributes – Analysis of Variance (ANOVA) One way and Two Way Classifications.

Reference Books
Indian Economy

This paper has twin objectives of explaining the basic features of Indian Economy and its development experience. The planning, welfare measures, infrastructure and reforms have also been given.

UNIT I Nature and Characteristics of Underdevelopment


UNIT II Planning in India


UNIT III Poverty

Concept of Poverty – Studies of Poverty in India – Causes for Poverty and Inequality – International Comparisons of poverty and inequalities of income – Economic reforms and reduction of poverty.

UNIT IV Infrastructure and Economic Development


UNIT V Economic Reforms


Reference Books

This paper aims to expose the students to linear programming, theories of firms, general equilibrium analysis and welfare economics.

UNIT-I Market Structure and Pricing

Pricing under Oligopoly - Collusive and non Collusive models - price leadership Model (low cost, dominant firm) Game theoretic approach to oligopoly) - Bains limit Pricing.

UNIT-II Linear Programming and Input-Output Analysis


UNIT-III Theories of Firms

Recent Development in Managerial theories of firm - Baumol’s Sales Revenue maximization model - Marris model of managerial enterprise - Williamson’s Model of managerial discretion - Behavioral Model of Cyert and March.

UNIT-IV General Equilibrium

Partial and general equilibrium - Walrasian excess demand and input - output approaches to general equilibrium existence - stability and uniqueness of equilibrium and general equilibrium - two sector model - relationship between relative commodity and factor prices (Stopler-Samuelson Theorem) - Production and consumption - Contributions of Arrow and Debreu to general equilibrium analysis.

UNIT-V Welfare Economics


Reference Books
This would help the students to learn about the concepts, issues and theories of macro economics. They would also be exposed to the practice of macro polices in India.

UNIT I Theories of Investment


UNIT II Equilibrium in Closed Economy


UNIT III Theories of Business Cycle

Business cycle-Phases of Business cycle-Theories of Business cycle-Effects of Business cycle-Keynesian theory - Samuelson’s model, Hicks and Kaldor’s model - Schumpeter’s Innovation theory-Good Win’s model-control of business cycle Relative efficiency of monetary and fiscal policies.

UNIT-IV General Equilibrium


UNIT-V Budgetary Policies

Okhun’s Law -Deficit Budget and inflation-The mechanics of the financing the budget-The Income Policies-The portfolio Approach-Crowding out and the government Budget constraint - and the short-run effectiveness of Stabilization policy.

Reference Books
This paper introduces the role of government from a macro perspective, fiscal policy, principles of fiscal federalism and practice in India would be introduced.

UNIT I Shifting and Incidence


UNIT II Fiscal Policy


UNIT III Integration of Fiscal and Monetary Policies and Budgetary Theory

Integration of Fiscal and monetary Policies in Keynesian and Post Keynesian frame-work. Evolution and purpose of Budgeting-Budgetary procedure-Techniques-Budgetary (Classical and Modern).

UNIT IV Federal finance and Local finance

Fiscal federalism-center-state financial relations-functions of finance commission-recommendations of 12th finance commission-principles of local finance-financial sources of local bodies-problems faced by the local bodies-war finance.

UNIT V Public Debt


Reference Books
This paper will train the students in basic tools of maths required for economists. It will also introduce them the various application of maths in economics.

UNIT – I – Elementary Algebra

Elementary Algebra – Exponents or Theory of Indices – Sets and Subsets – Solutions of Quadratic Equations – Solutions of Linear Equation with Two Variables.

UNIT – II – Matrix Algebra


UNIT – III – Application of Differentiation


UNIT – IV – Application of Integration

Application of Integration in Economics – Cost Function, Revenue Function – Consumer’s Surplus – Producer’s Surplus, Illustrations.

UNIT – V – Linear Programming


Reference Books

3. Dr. SC Aggarwal, Dr. RK Rana, : Basic Mathematics for Economists, FK Publications.
INDIAN ECONOMIC DEVELOPMENT  ECEDC

This paper aims to introduce the Indian Economy to the non-economic students. It will help them to understand the basic features, issues and experience of India’s development.

UNIT I Under development

Meaning and definition of underdevelopment-Features-Determination of economic development-Economic and Non-economic factors-Economic development and Growth

UNIT II Demographic profile


UNIT III National Income

Concept of National income- Determinants of National income- Methods for calculating National income- Difficulties in the measurement of National income.

UNIT IV Agriculture and Economic Development

Role of Agriculture in Indian Economy - Causes for low productivity - measures to improve Agriculture Productivity - Green Revolution - Five year plans and Agriculture.

Unit V Foreign Trade of India

Importance of foreign trade – Composition - Directions of India’s foreign Trade-Balance of Payment - Balance of Trade - Recent Foreign Trade Policy in India.’

Reference Books
GROWTH AND DEVELOPMENT  ECC 09

This paper aims to introduce various growth theories and approaches for development. The need for sectoral linkages and development is also incorporated.

UNIT I Economic Growth


UNIT II Theories of Development


UNIT III Social and Institutional Aspects of Development


UNIT IV Approaches to Development


UNIT V Sectoral Linkages and Development

Sectoral Linkages – Agriculture and Industry – terms of trade between Agriculture and Industry – Choice of Techniques and Investment criteria – Appropriate Technology.

Reference Books

This paper explores the monetary theories money supply in an advanced level. Also this paper deals with inflation, money market and monetary policy as well practice in India.

UNIT-I Monetary Theories

Monetary theories - Keynesian Theory - Milton Friedman’s Theory - Tobin’s portfolio Analysis - Gurley and Shaw Thesis

UNIT-II Money Supply and Banking Institutions

Demand for money and supply of money - Functions of money - Determinations of money supply - money multiplier - credit creation by commercial Banks - Role of Commercial Banks in Economic Development.

UNIT-III Theories of Inflation

Inflation - Theories of Inflation - Demand pull inflation - cost push inflation - Inflationary Gap - Phillips curve - Effects of Inflation - control of inflation - stagflation.

UNIT-IV Money Market

Characteristics of Developed and Underdeveloped money market - London money market - New York money market - Indian money market - capital market.

UNIT-V Monetary Policy

Monetary policy – Objectives - Role of Monetary policy in Developing Economy - Time lags in monetary policy - Monetary policy in India.

Reference Books

RESEARCH METHODOLOGY    ECC 11

This paper has an objective of exposing the students on various research methods and methodologies. Also this paper emphasis on the research design and report writing.

UNIT-I Research in Economics

Meaning and definition, Objectives, need and scope - Types of Research - Characteristics of research – formulation of research problem – sources.

UNIT-II Research Methods

Facts, Theories and concepts in social science research – deductive and inductive methods – stages of Scientific Method – Historical Method – Case Study Method – Schedule and Questionnaire – Tabulation and Diagrammatic representation of data.

UNIT-III Research Design and Hypothesis

Meaning – Features – Types – Factors affecting research design – Need for hypothesis – character – Formulation of hypothesis – Types – Test of hypothesis – Type I and Type II errors.

UNIT IV Scaling Technique and Interview

Problem of measurement – Types of Scaling Technique – Techniques of Scale construction – Principles of Scale construction - Interview Types – advantages and disadvantages.

UNIT V Report Writing


Reference Books

From this paper the students would understand the role of women in development. They would also learn the role of women in the Indian society.

UNIT I Introduction
Women and family - Role of women - Valuing women’s work - Status of women in 21st century in India-Indian constitution and provisions relating to women - Women and Technology.

UNIT-II Women and Labour force
Women in the labour force-Women in organized and unorganized sector- Problems faced by women labour - women’s participation in agriculture and industrial sector.

UNIT-III Women and Education
Women’s education-Gender bias in enrolment-reasons for drop outs-formal and non-formal education for women’s development-Recent trends in women’s education-Committees on Education.

UNIT-IV Women and Demography
Women and Population-Causes for missing women-Sex Ratio - Health Status of Women in India - Factors influencing women’s health-National Health Policies and Programs.

UNIT-V Empowerment of Women
Women Empowerment through Self-Help Groups-Panchayat raj Institutions-various Policies and programs-Concept and meaning of women entrepreneurs-Functions-Factors Contributing to women Entrepreneurship-Problems of women Entrepreneurs.

Reference Books
Here this paper outlines the scope of agriculture in economic development. Moreover, the issue of farm size and productivity and agriculture globalization is discussed with reference to India.

UNIT I Agriculture and Economic Development

Nature and Scope of Agriculture – Role of Agriculture in economic development – Theories of Agricultural development – Mellor’s and Boserup’s – Relation between agricultural development and Industrial development.

UNIT II Farm Size and Productivity

Pattern of Land Holdings – Farm Size and Productivity – Causes for low productivity in Agriculture – Suggestions for raising Agricultural productivity – Different cost concepts in farm management.

UNIT III Strategy of Agricultural Development


UNIT IV Agricultural Credit and Price Policy


UNIT V Agriculture and Globalization


Reference Books
INTERNATIONAL TRADE AND FINANCE   ECC 12

Basically this paper aims to offer conceptual framework on trade and finance. The role of international organizations is also introduced.

UNIT I Conceptual Framework


UNIT II Theories of International Trade

Comparative cost theory of Ricardo – Heberler’s opportunity cost theory – Mills Reciprocal demand theory – Heckscher-Ohlin theory – Factor intensity reversals – Stopler-Samuelson and Rybezynski theorems.

UNIT III Balance of Payment


UNIT IV Free Trade & protection

Free Trade Vs Protection (Merits and Demerits) – Methods of Protection – (Tariffs and Quotas) – Classification and effects of Tariffs – Types and effects of Quotas – Non-Tariff Barriers.

UNIT V International Institutions

Functions of International Institutions and their Impact on Developing countries – IMF, IBRD, G7, EEC, GATT, WTO, and SAARC.

Reference Books

INDUSTRIAL ECONOMICS  ECE 04

It is intended to expose the students on the structure of industrial economics. In addition to this, the policy aspects and industrial finance are introduced.

Unit I Framework of Industrial Economics


UNIT II Industrial Location and Government Policy


UNIT III Structure and Industrial productivity


UNIT IV Industrial Policy

Industrial Policies 1948 to till date – concentration of economic power – consequences – MRTP, FERA, FEMA –LPG – Role of FDI.

UNIT V Industrial Finance


Reference Books
2. Ahluwalia, I.J., (1985) Industrial Growth in India, Oxford University Press, New Delhi,
This paper outlines the basic concepts and issues in environmental economics, population and environment and agro-environment. Also this paper illustrates the environmental policies in India.

UNIT-I Basic Concepts

Environment-meaning-Nature of Environmental Economics-Scope of Environmental Economics-Ecology-Ecosystem-Renewable and non-renewable resources - Environmental Problems in capitalist and socialist economic system-Environmental issues in developed and developing economics.

UNIT-II Cost benefit analysis

Environmental pollution-sources and causes for pollution-Types of pollution Environmental pollution in India-Environmental Impact Analysis-policies of pollution control and conservation-cost benefit analysis-protection of Environment.

UNIT-III Population and Environment

Population - Economic growth and Environmental quality-urbanization and Environmental Problems-Second stage of demographic transition-effects of over population problems and its impact

UNIT-IV Land degradation and Green marketing

Land degradation and Environmental costs of pesticide use - Sustainable agriculture management - Environmental Management systems and Environmental auditing - green marketing.

UNIT-V Environmental Policies

Policy instruments for Environmental Protection - Environmental Education awareness - Movements in India - National Environment policy - Environmental Laws in India.

Reference Books
2. Berman P. Health sector reform in developing countries, Harvard series on population and international health.