

M.A. Economics (M50) – Course-Wise CO–PO Mapping Analysis

Course: ECO501 – Fundamental Economic Theories

PO–Average & Level Summary

PO	Average	Level
PO1	2.8	High
PO2	1.4	Low
PO3	1.8	Moderate
PO4	2.0	Moderate
PO5	2.2	High–Moderate
PO6	1.6	Low–Moderate
PO7	2.0	Moderate

Analysis:

- **High alignment:** PO1 (Economy concepts & theory) → Strong theoretical and analytical understanding of micro and macroeconomics.
- **Moderate alignment:** PO3 (Application in society), PO4 (Economic behavior & welfare), PO5 (Indian economy indicators), PO7 (Statistics & research) → Analytical reasoning, policy framing, and basic quantitative awareness.
- **Low alignment:** PO2 (Employment opportunities) आणि PO6 (Environmental vision) → Indirect relevance; course mainly focuses on theoretical foundations rather than practical employability or sustainability.

PO–CO Mapping Analysis

PO	Average	Level
PO1	2.6	High
PO2	1.6	Moderate
PO3	2.4	Moderate–High
PO4	2.0	Moderate
PO5	2.2	Moderate–High
PO6	1.6	Moderate
PO7	2.0	Moderate

Analysis:

- This course contributes **highly to PO1 (Conceptual Understanding)** as students gain in-depth knowledge of growth, development, and measurement issues.
- It shows **Moderate–High alignment with PO3 (Analytical & Research Skills) and PO5 (Indian Economy Awareness)** because students analyze development theories and understand policy implications.
- **PO2 (Employability & Skill Development), PO4 (Problem-Solving & Critical Thinking), PO6 (Environmental & Sustainability Awareness), and PO7 (Policy Insight)** show moderate alignment, indicating that while students acquire conceptual and policy-related understanding, practical application and skill development require additional exposure.

PO–CO Mapping Table & Analysis

PO	Average	Level
PO1	2.6	High
PO2	1.2	Moderate
PO3	2.2	Moderate–High
PO4	2.2	Moderate–High
PO5	2.2	Moderate–High
PO6	1.8	Moderate
PO7	2.0	Moderate

Analysis:

- The course strongly supports **PO1 (Conceptual Understanding)** as students gain insights into the nature, limitations, and applications of welfare economics.
- It shows **Moderate–High alignment with PO3 (Analytical & Research Skills), PO4 (Problem-Solving & Critical Thinking), and PO5 (Indian Economy Awareness)** due to theoretical formulation, evaluation of government interventions, and policy analysis.
- **PO2 (Employability & Skill Development) and PO6 (Environmental & Sustainability Awareness)** have moderate alignment, indicating that practical skill application and sustainability aspects require additional focus.
- Overall, the course equips students with analytical reasoning and policy evaluation skills, with strong conceptual grounding.

ECO504 – The Development of Economic Thought – I

PO	Average	Level
PO1	2.8	High
PO2	1.0	Moderate
PO3	2.0	Moderate–High
PO4	2.0	Moderate–High
PO5	2.2	Moderate–High
PO6	1.2	Moderate
PO7	2.0	Moderate

Analysis:

- Strong alignment with **PO1 (Conceptual Understanding)** due to tracing economic thought, schools, and major contributors.
- Moderate–High alignment with **PO3, PO4, and PO5** through comparison of theories, evaluation of schools of thought, and understanding Indian economic context.
- **PO2 and PO6** show moderate alignment; practical application and environmental aspects are minimal.
- Overall, the course develops analytical skills in economic theory evolution and historical economic analysis.

PO	Average	Level
PO1	3.0	High
PO2	1.8	Moderate
PO3	2.0	Moderate–High
PO4	2.0	Moderate–High
PO5	2.6	High
PO6	1.8	Moderate
PO7	2.2	Moderate–High

Analysis:

- High alignment with **PO1 (Conceptual Understanding)** and **PO5 (Indian Economy Awareness)** through scope, policies, and marketing in agriculture.
- Moderate–High alignment with **PO3, PO4, PO7** due to analytical reasoning in agricultural finance and social issues.
- **PO2 and PO6** moderate; skill development and environmental aspects could be strengthened.
- The course provides practical knowledge of agricultural economics, policy evaluation, and societal impact.

PO	Average	Level
PO1	3.0	High
PO2	1.8	Moderate
PO3	2.0	Moderate–High
PO4	2.0	Moderate–High
PO5	2.6	High
PO6	2.0	Moderate
PO7	2.2	Moderate–High

Analysis:

- Strong alignment with **PO1 (Conceptual Understanding)** and **PO5 (Indian Economy Awareness)** via labor market, policies, and globalization effects.
- Moderate–High alignment with **PO3, PO4, PO7** for analytical evaluation, problem-solving, and labor research skills.
- **PO2 and PO6** moderate; employability and environmental integration can be improved.
- The course equips students with labor economics knowledge, policy assessment, and critical reasoning skills.

ECO599 – Research Methodology

PO	Average	Level
PO1	3.0	High
PO2	1.6	Moderate
PO3	2.8	High
PO4	2.0	Moderate–High
PO5	2.0	Moderate–High
PO6	1.6	Moderate
PO7	3.0	High

Analysis:

- High alignment with **PO1, PO3, PO7** due to research skills, hypothesis testing, data analysis, and report writing.
- Moderate–High alignment with **PO4, PO5** via problem-solving and understanding research relevance to economic policy.
- **PO2 and PO6** show moderate alignment; practical skill application and environmental integration are less emphasized.
- The course develops strong research competency, analytical reasoning, and application of statistical and econometric tools.

ECO507 – Public Economics

PO	Average	Level
PO1	3.0	High
PO2	2.0	Moderate
PO3	2.0	Moderate–High
PO4	2.0	Moderate–High
PO5	2.8	High
PO6	1.6	Moderate
PO7	2.0	Moderate–High

Analysis:

- Strong alignment with **PO1 (Conceptual Understanding)** and **PO5 (Indian Economy Awareness)** via public goods, taxation, fiscal policy, and reforms.
- Moderate–High alignment with **PO3, PO4, PO7** due to analytical reasoning, policy evaluation, and research-oriented learning.
- **PO2 and PO6** show moderate match; employability and environmental perspective less emphasized.
- Overall, the course develops skills in fiscal policy analysis and public economics decision-making.

PO	Average	Level
PO1	3.0	High
PO2	2.0	Moderate
PO3	2.2	Moderate–High
PO4	2.0	Moderate–High
PO5	2.8	High
PO6	1.6	Moderate
PO7	2.2	Moderate–High

Analysis:

- High alignment with **PO1 (Conceptual Understanding)** and **PO5 (Indian Economy Awareness)** through population studies, demographic theories, and policy evaluation.
- Moderate–High alignment with **PO3, PO4, PO7** due to data analysis, HRD, HDI, and population policy implications.
- **PO2 and PO6** are moderate; direct employability and environmental focus are less covered.
- The course equips students with analytical and critical thinking skills in demography and population policy.

ECO509 – Economics of Transport and Communication

PO	Average	Level
PO1	3.0	High
PO2	2.0	Moderate
PO3	2.0	Moderate–High
PO4	2.0	Moderate–High
PO5	2.8	High
PO6	1.8	Moderate
PO7	2.2	Moderate–High

Analysis:

- Strong alignment with **PO1** and **PO5** through transport/communication systems and policy analysis.
- Moderate–High alignment with **PO3, PO4, PO7** due to economic evaluation, efficiency studies, and research application.
- **PO2 and PO6** moderate; employment-oriented and environmental aspects are limited.
- The course strengthens understanding of infrastructure economics and its role in development.

ECO510 – The Development of Economic Thought – II

PO	Average	Level
PO1	3.0	High
PO2	1.0	Moderate
PO3	2.0	Moderate–High
PO4	2.0	Moderate–High
PO5	2.6	High
PO6	1.6	Moderate
PO7	2.0	Moderate–High

Analysis:

- High alignment with **PO1** and **PO5** via contemporary global and Indian economic thought, Nobel theories, and thinkers' contributions.
- Moderate–High alignment with **PO3, PO4, PO7** due to critical analysis of economic ideas and policy relevance.
- **PO2 and PO6** moderate; employability and environmental aspects are less emphasized.
- The course develops historical and critical thinking on economic thought evolution.

PO	Average	Level
PO1	3.0	High
PO2	1.8	Moderate
PO3	2.0	Moderate–High
PO4	2.0	Moderate–High
PO5	2.8	High
PO6	2.0	Moderate
PO7	2.2	Moderate–High

Analysis:

- Strong alignment with **PO1** and **PO5** via financial systems, investment analysis, and asset pricing.
- Moderate–High alignment with **PO3, PO4, PO7** due to analytical, research, and policy evaluation components.
- **PO2 and PO6** moderate; direct employability and environmental considerations are limited.
- The course enhances understanding of financial systems, risk management, and economic decision-making.

PO	Average	Level
PO1	3.0	High
PO2	1.8	Moderate
PO3	2.0	Moderate–High
PO4	2.0	Moderate–High
PO5	2.8	High
PO6	1.8	Moderate
PO7	2.2	Moderate–High

Analysis:

- High alignment with **PO1** and **PO5** through behavioral concepts, decision-making, and policy application.
- Moderate–High alignment with **PO3, PO4, PO7** due to research, experiments, and social policy insights.
- **PO2 and PO6** moderate; employment and environmental dimensions are not primary.
- The course equips students to understand psychological and social dimensions of economic behavior.

ECO513 – Field Projects

PO	Average	Level
PO1	3.0	High
PO2	2.0	Moderate
PO3	2.0	Moderate–High
PO4	2.0	Moderate–High
PO5	2.8	High
PO6	1.8	Moderate
PO7	2.2	Moderate–High

Analysis:

- High alignment with **PO1** and **PO5** through hands-on fieldwork and policy problem identification.
- Moderate–High alignment with **PO3, PO4, PO7** due to data collection, problem-solving, and research application.
- **PO2 and PO6** moderate; direct employability and environmental integration are minimal.
- The course develops practical skills, analytical reasoning, and awareness of real-world economic-social problems.

PO	Average	Level
PO1	3.0	High
PO2	2.0	Moderate
PO3	2.0	Moderate–High
PO4	2.0	Moderate–High
PO5	3.0	High
PO6	1.6	Moderate
PO7	2.2	Moderate–High

Analysis:

- High alignment with **PO1** and **PO5** via trade concepts, balance of payments, and global trade policies.
- Moderate–High alignment with **PO3, PO4, PO7** due to policy analysis and strategic recommendations.
- **PO2 and PO6** moderate; employability and environmental perspective are less emphasized.

PO	Average	Level
PO1	3.0	High
PO2	2.0	Moderate
PO3	2.0	Moderate–High
PO4	2.0	Moderate–High
PO5	3.0	High
PO6	1.6	Moderate
PO7	2.2	Moderate–High

Analysis:

- High alignment with **PO1** and **PO5** through growth models, poverty, inequality, and policy applications.
- Moderate–High alignment with **PO3, PO4, PO7** due to critical analysis, policy formulation, and research application.
- **PO2 and PO6** moderate; direct employability and environmental aspects limited.

PO	Average	Level
PO1	3.0	High
PO2	2.0	Moderate
PO3	2.0	Moderate–High
PO4	2.0	Moderate–High
PO5	3.0	High
PO6	1.6	Moderate
PO7	2.2	Moderate–High

Analysis:

- High alignment with **PO1** and **PO5** via statistical techniques and economic data analysis.
- Moderate–High alignment with **PO3, PO4, PO7** due to analytical reasoning and research methodology.
- **PO2 and PO6** moderate; employability and environmental focus limited.

ECO605 – Philosophy of Economics

PO	Average	Level
PO1	3.0	High
PO2	1.8	Moderate
PO3	2.0	Moderate–High
PO4	2.0	Moderate–High
PO5	2.8	High
PO6	1.6	Moderate
PO7	2.2	Moderate–High

Analysis:

- High alignment with **PO1** and **PO5** via economic philosophy, ethics, and behavioral economics.
- Moderate–High alignment with **PO3, PO4, PO7** for research-oriented, logical, and policy-relevant thinking.
- **PO2 and PO6** moderate; limited direct employability or environmental content.

PO	Average	Level
PO1	3.0	High
PO2	2.0	Moderate
PO3	2.0	Moderate–High
PO4	2.0	Moderate–High
PO5	3.0	High
PO6	1.6	Moderate
PO7	2.2	Moderate–High

Analysis:

- High alignment with **PO1** and **PO5** via taxation concepts, policy analysis, and economic impact assessment.
- Moderate–High alignment with **PO3, PO4, PO7** due to analytical skills and policy formulation.
- **PO2 and PO6** moderate; direct employability and environmental application are minimal.

ECO606 – Industrial Economics

PO	Average	Level
PO1	3.0	High
PO2	2.0	Moderate
PO3	2.0	Moderate–High
PO4	2.0	Moderate–High
PO5	3.0	High
PO6	1.6	Moderate
PO7	2.2	Moderate–High

Analysis:

- High alignment with **PO1** and **PO5** through industrialization, policies, and economic organization.
- Moderate–High alignment with **PO3**, **PO4**, **PO7** due to analytical and research skills in industrial economics.
- **PO2 and PO6** moderate; limited focus on employment or environmental perspectives.

PO	Average	Level
PO1	3.0	High
PO2	2.0	Moderate
PO3	2.0	Moderate–High
PO4	2.0	Moderate–High
PO5	3.0	High
PO6	1.6	Moderate
PO7	2.2	Moderate–High

Analysis:

- High alignment with **PO1** and **PO5** via research, problem identification, and policy analysis.
- Moderate–High alignment with **PO3, PO4, PO7** due to analytical, research, and problem-solving skills.
- **PO2 and PO6** moderate; employability and environmental applications limited.

ECO615 – Advance Economic Theory

PO	Average	Level
PO1	3.0	High
PO2	2.0	Moderate
PO3	2.0	Moderate–High
PO4	2.0	Moderate–High
PO5	3.0	High
PO6	1.8	Moderate
PO7	2.0	Moderate–High

Analysis:

- High alignment with **PO1** and **PO5** via theories of demand, production, macroeconomic models, and policy evaluation.
- Moderate–High alignment with **PO3, PO4, PO7** through analytical and policy-oriented applications.
- **PO2 and PO6** moderate; employability and environmental perspective less emphasized.

ECO616 – Environmental Economics

PO	Average	Level
PO1	3.0	High
PO2	2.0	Moderate
PO3	2.0	Moderate–High
PO4	2.0	Moderate–High
PO5	3.0	High
PO6	2.0	Moderate–High
PO7	2.2	Moderate–High

Analysis:

- High alignment with **PO1** and **PO5** via environmental economics concepts and policy analysis.
- Moderate–High alignment with **PO3, PO4, PO6, PO7** due to sustainable development, environmental management, and research skills.
- **PO2** moderate; direct employability link is limited.

PO	Average	Level
PO1	3.0	High
PO2	2.0	Moderate
PO3	2.0	Moderate–High
PO4	2.0	Moderate–High
PO5	3.0	High
PO6	2.0	Moderate–High
PO7	2.0	Moderate–High

Analysis:

- High alignment with **PO1** and **PO5** via statistical techniques, hypothesis testing, and data analysis.
- Moderate–High alignment with **PO3, PO4, PO6, PO7** through research-oriented and analytical skills.
- **PO2** moderate; direct link to employment is limited.

PO	Average	Level
PO1	3.0	High
PO2	2.0	Moderate
PO3	2.0	Moderate–High
PO4	2.0	Moderate–High
PO5	3.0	High
PO6	2.0	Moderate–High
PO7	2.0	Moderate–High

Analysis:

- High alignment with **PO1** and **PO5** through understanding Indian economy, development indicators, and financial systems.
- Moderate–High alignment with **PO3, PO4, PO6, PO7** via socio-economic analysis, policy, and research skills.
- **PO2** moderate; employability focus is limited.

ECO619 – Introduction to Econometrics

PO	Average	Level
PO1	3.0	High
PO2	2.0	Moderate
PO3	2.0	Moderate–High
PO4	2.0	Moderate–High
PO5	3.0	High
PO6	2.0	Moderate–High
PO7	2.0	Moderate–High

Analysis:

- High alignment with **PO1** and **PO5** through econometric methods and empirical policy analysis.
- Moderate–High alignment with **PO3, PO4, PO6, PO7** for analytical, technical, and research skills.
- **PO2** moderate; indirect relevance to employment.

PO	Average	Level
PO1	3.0	High
PO2	2.0	Moderate
PO3	2.0	Moderate–High
PO4	2.0	Moderate–High
PO5	3.0	High
PO6	2.0	Moderate–High
PO7	2.0	Moderate–High

Analysis:

- High alignment with **PO1** and **PO5** through research methodology, problem-solving, and policy evaluation.
- Moderate–High alignment with **PO3, PO4, PO6, PO7** via analytical, research, and professional skills development.
- **PO2** moderate; focus on employability is indirect.

Program-Level Summary – M.A. Economics (M50)

PO	Overall Average	Level	Major Supporting Courses
PO1	3.0	High	ECO501, ECO502, ECO503, ECO504, ECO505, ECO507, ECO508, ECO509, ECO510, ECO511, ECO512, ECO513, ECO602, ECO603, ECO604, ECO605, ECO606, ECO607, ECO615, ECO616, ECO617, ECO618, ECO619, ECO699
PO2	2.0	Moderate	ECO505, ECO507, ECO508, ECO509, ECO513, ECO603, ECO604, ECO618, ECO699
PO3	2.3	High	ECO502, ECO503, ECO505, ECO507, ECO508, ECO509, ECO510, ECO511, ECO512, ECO513, ECO603, ECO604, ECO605, ECO618, ECO619, ECO699
PO4	2.3	High	ECO503, ECO504, ECO505, ECO507, ECO508, ECO510, ECO512, ECO513, ECO605, ECO615, ECO616, ECO618
PO5	2.8	High	ECO505, ECO507, ECO508, ECO509, ECO511, ECO512, ECO513, ECO602, ECO603, ECO605, ECO607, ECO618
PO6	1.8	Moderate	ECO605, ECO616, ECO618, ECO615, ECO617
PO7	2.7	High	ECO504, ECO507, ECO508, ECO509, ECO512, ECO513, ECO604, ECO615, ECO617, ECO619, ECO699

Summary

The M.A. Economics (M50) program exhibits consistent and high alignment (1.8–3.0) across all Program Outcomes (POs), reflecting a balanced integration of theory, application, and analytical competencies.

Strength Areas

- 1. Conceptual & Theoretical Expertise:**
 - Achieved through strong foundational and advanced economics courses, providing a comprehensive understanding of economic models and policy frameworks.
- 2. Indian Economy & Developmental Understanding:**
 - High attainment through focused courses on Indian economic planning, agriculture, and public finance, fostering contextual policy insight.
- 3. Quantitative and Research Skills:**
 - Excellent mapping through econometrics, statistics, and project work, ensuring data-driven analytical ability and research readiness.

Overall Conclusion

The M.A. Economics program demonstrates high consistency and well-rounded academic quality. It effectively nurtures conceptual knowledge, analytical reasoning, and policy understanding while maintaining scope for greater employability and sustainability integration — in line with the **National Education Policy (NEP 2020)** framework.