

**FIVE YEAR INTEGRATED MA IN ECONOMICS (NEP)
DETAILED SYLLABUS**

Course Title	:	Climate Change and the Economy
Course Code	:	
Nature of the course	:	VAC
Total Credits	:	02
Distribution of Marks	:	30 (End Sem) + 20 (In-Sem)

Course Objectives: The course has been designed with the following objectives:

1. To provide a brief yet comprehensive analysis of climate change and its impact on the world economy; and
2. To give an account of the policy actions undertaken at local, national, and global forums to address climate change

UNITS	CONTENTS	L	T	P	Total Hours
I	Meaning of climate change; Evidence of climate change; Global warming and climate change; Causes of climate change – Rapid industrialisation, Population Growth, Changing Consumption Patterns, Increased emissions of greenhouse gases; Why should we be concerned about climate change? – Short run effects and long run effects of climate change	15			15
II	Climate Action Agenda; Dealing with climate change – Adaptation measures and Mitigation measures; Local, National, and Global actions on climate change – treaties and agreements; How adequate or inadequate are the commitments?	15			15
	Total	30			30

Learning Outcome: The course will enable the students:

1. To realise the grave consequences that climate change poses to the world economy; and,
2. To evaluate the appropriateness and feasibility of policies adopted to arrest climate change.

Reading Lists:

1. Ackerman, F., & Stanton, E. A. (2011). *Climate Economics: The State of the Art*. Stockholm Environment Institute
2. Breckenfelder, J., Mackowiak, B., Marques, D., Olovsson, C., Popov, A., Porcellacchia, D., & Schepens, G. (2023). *The climate and the economy*. European Central Bank, Working Paper-2793
3. Economides, G., Papandreou, A., Sartzetakis, E., & Xepapadeas, A. (2018). *The Economics of Climate Change*. Bank of Greece
4. IMF (2019). *The Economics of Climate*
5. Shafer, D. M. *What is climate change?* Available at [What is Climate Change ? A Definition of Climate Change - Warm Heart Worldwide](#)