

M.Sc. (Economics)

Eligibility

1. B.A. (Hons.) / B.Sc. (Hons.) in Economics with 50% or more marks in aggregate (CGPA of 5.65).
OR
Bachelor degree in any other discipline with at least 60% marks in aggregate (CGPA of 6.75).
2. The applicant must have studied mathematics either at 10+2 level or at Bachelor's level, either as subsidiary or as honours.

Selection Process

Admission to the M.Sc programmes is made on the basis of a common online entrance test (verbal, analytical, quantitative) and subject specific interviews conducted by the University.

Placement

Desirous students are provided with placement assistance. Students have obtained placements Indian Statistical Institute, Reserve Bank Of India, Ministry of Finance, KPMG, Boston International, Development Alternatives, NCAER, International Labour Organisation, Greenpeace India, NIPFP, India Infrastructure among others. Some students have also opted for higher studies in academic institutions like Centre for Development Studies, Delhi School of Economics, Jawaharlal Nehru University, Vanderbilt University, University of California Riverside, Yale University, John Hopkins University, and University of Warwick among others.

Department of Policy and Management Studies

The primary challenge of the modern human race is to improve well-being across generations, an objective now widely recognized as Sustainable Development. This challenge necessitates numerous interventions concerning each of its components: environmental, social and economic. These interventions range from eradication of hunger and poverty to reduction in inequality; from the provision of quality education, good health, decent work environment, water, sanitation, affordable and clean energy to fostering gender equality; from economic growth to effective institutions; from responsible consumption and production to taking urgent actions to combat climate change. The Department of Policy and Management Studies (DoPMS) at TERI School of Advanced Studies (TERI SAS) aims to contribute to theoretical and empirical enquiry towards informed prescriptions, implementable policies, sustainable practices and management through research, teaching and training. The continued research in sustainability for the business is also one of the key concerns of the Department.

Faculty of the Department have disciplinary backgrounds in Anthropology, Economics, Population Studies, Sociology, Finance & Accounting, Corporate and Commercial Laws, Public Health, Strategy, Business Sustainability, Circular Economy Finance, Climate Finance, Development Studies and Public Policy. This diversity enables the promotion of multi-disciplinary research and learning at the economy-society- ecology interface. The faculties are engaged in active research in their disciplines as well as within the broad theme of sustainable development. This is reacted in their publications, sponsored projects, consultancies and training programmes and supervised research. The faculty regularly engage with the scientific community through seminars and conferences, participate in different forums as experts or resource persons, and engage with the general public through their lectures, print and digital media.

For getting the detailed insights about the Doctoral programme regulations of the TERI SAS, kindly refer to page no. 56-68 of the student handbook: <https://terisas.ac.in/pdf/student-handbook.pdf>

M.Sc. (Economics)

About TERI School of Advanced Studies

Academic programmes at the TERI SAS are focused around the challenges of providing the advanced studies rising global population with a limited and degraded natural resource base. In moving towards sustainability, the implicit understanding is that there is no panacea or straight road, with recognized and established methodologies, tools or specializations leading to such development.

The solutions therefore do not lie in a specific subject discipline, but must be appropriate and relevant to the context or the practical problem being addressed. Developing such an understanding among its students is best achieved through exposure to a variety of subjects, tools, and methodologies offered in interdisciplinary mode. This has been the guiding philosophy behind the programmes offered by the TERI SAS and is practised by building a theoretical understanding in courses covering a variety of traditional disciplines, such as ecology, natural and social sciences, governance, policy, law, and engineering.

Over a period of two years, students converge upon a few areas of focus based upon their interest, having been exposed to a new way of thinking that looks at problems not from the lens of a subject specialist, but from the perspective of one who recognizes the complex linkages between man and his environment.

Apart from doctoral research, the TERI SAS offers M.Sc. degree programmes in Environmental Studies and Resource Management, Environmental and Resource Economics, Geoinformatics, Water Science and Governance, Climate Science and Policy, and Biotechnology; MBA in Sustainability Management; and M.Tech. programmes in Renewable Energy Engineering and Management, Water Resources Engineering and Management and Urban Development Management.

The institute offers two M.A. programmes, one in Public Policy and Sustainable Development, and the other in Sustainable Development Practice. TERI SAS is one of a select group of 22 institutions chosen worldwide by the MacArthur Foundation, USA, to run the Sustainable Development Practice programme. The institute uses modern pedagogical tools, richly supplemented by field visits, live industry projects, and hands-on applications. It provides the very best in equipment and instruments, which includes state-of-the-art computer facilities, well-equipped laboratories, video-conferencing facilities, and access to South Asia's most comprehensive library on energy and environment.

TERI SAS has established excellent partnerships and collaborative arrangements with a number of institutions overseas, including Yale University, USA; The Freie University of Germany; Utrecht University, The Netherlands; North Carolina State University, USA; and University of Technology, Australia.

For further information, please contact

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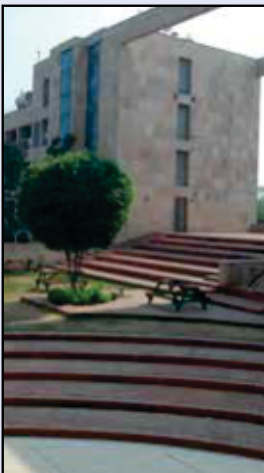
Deemed to be University
Under Section 3 of the UGC Act
Accredited with
'A' grade by NAAC

M.Sc. (ECONOMICS)

(WITH SPECIALIZATION IN ENVIRONMENTAL AND RESOURCE ECONOMICS)



www.terisas.ac.in



Of late there has been a growing realization that India should emerge as an economy driven by knowledge. Given the rapid progress that intellectual enterprises are making worldwide, higher education must bene from a continuous accretion of knowledge through research. This is what TERI SAS is attempting to do through all its programmes, for the bene Indian citizens but people from other countries as well who would pass through the portals of this institution. This University offers education supported by rigorous research.

M.Sc. Economics

The pressure on the non-human component of the ecosystem that we witness today can largely be attributed to the intensified pursuit of material consumption by a growing mass of population in the post-war period. Environment and Resource Economics attempts to recognize, understand, analyse, and evaluate the nature-society exchanges towards their implication on human well-being. Towards addressing this, it aims to design and implement effective policy instruments that assist in sustaining a given quality of life on earth and its enhancement over a longer time horizon.

The M.Sc. (Economics) at the TERI SAS is a two year programme targeted at students who are interested to specialize in this field. It involves rigorous grounding in standard economic theory and techniques and a simultaneous exposure to a wide variety of economic challenges due to the ecological / environmental / natural resource constraints. All students are expected to demonstrate their understanding and aptitude in this field through a scrupulously supervised Master's thesis.

Programme Specific outcome

At the end of pursuing the M.Sc. (Economics) with specialization in Environment and Resource Economics program the students are expected to:

- Gain in-depth knowledge of the concepts and theories of Economics with core aspects of ecological, environmental, and natural resource economics.
- Receive hands-on experience in applying economic concepts, theories, and methods towards analysis, appraisal and evaluation of a wide range of economic problems and policies.
- Develop analytical and writing skills through preparation of critical review, literature survey, research proposal and Masters' Thesis.
- Develop and apply quantitative skills including numerical, statistical and econometric analysis using packages such as STATA and R.



Field Trip

Programme Structure

Year	Courses	Credits
First Year		
Semester I	4 core courses of 4 credits	16
Semester II	4 core courses of 4 credits	16
Second Year		
Semester III	3 Core Courses + 2 Elective Course worth 4 credits	20
Semester IV	Master's Thesis	20

Course Details

1 st Year		Credits 32
1 st Semester	2 nd Semester	
Econometrics -I	Econometrics-II	
Mathematical Methods for Economics	Environmental economics	
Macroeconomics-I	Macroeconomics-II	
Microeconomics-I	Microeconomics-II	
2 nd Year		Credits 40
3 rd Semester		
Methods of Research in Economics		
Development Economics		
Natural Resource Economics		
Elective Courses*		
4 th Semester		
Master's Thesis		

NOTE: Students are also allowed to fulfill their elective credit requirement wholly or partly with courses offered in other programmes, subject to the approval of the programme coordinator

*Elective courses offered in the M.Sc. Economics programme are as follows:
Indian Agricultural Development: Contemporary Issues
Economics of Health and Environment
Trade, Development and Environment
Time Series and Regression Analysis
Labour Economics
Ecological Economics
Energy Economics
Theory of Contracts
Law and Economics
Theory of Finance
Public Economics
Collective Action and Environmental Management

Master's Thesis

The Master's Thesis is mandatory, if not the most important component of the programme. It provides a hands-on opportunity to the students to apply economic concepts, theories, and methods towards analysis, appraisals, and evaluation of a wide range of environmental problems and policies so as to demonstrate their ability as research professionals. All students are supervised by one or more faculty members and every thesis is reviewed extensively by a panel of experts to ensure quality, originality and rigour. The quality of the dissertations has been appreciated in various forums including national and international conferences. Some of these dissertations have also resulted in publications in peer- reviewed journals.

