

MSC (Economics)

Eligibility

1. B.A. (Hons) / B.Sc. (Hons) in Economics with a minimum of 50% marks in aggregate
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 an online exam + written exam (subject specific) and interview conducted by the University. The marks secured in the online test is used for shortlisting. Shortlisted candidates are called for an interview.

Shortlisted applicants with Economics (Hons) are expected to be well-versed in basic quantitative techniques, fundamentals of Microeconomics, Macroeconomics, and Statistics, current Economic Affairs, etc. Other students are expected to be familiar with quantitative techniques and current economic affairs. Candidates must demonstrate motivation for the programme through awareness of the vision and philosophy it represents. Competition in admission is fairly intense.

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 Studies

The Department aims to promote academic excellence and develop expertise to influence and contribute to public policy and decision making through teaching, research, and training. The Department comprises multidisciplinary team of academicians and professionals drawn from the fields of Economics, Management, Law, Sociology/ Anthropology, Governance, Urban Management, etc. The Department offers M.A. in Public Policy and Sustainable Development, M.A. in Sustainable Development Practices, M.Sc. in Economics (with specialization in Environmental and Resource Economics), and M.Tech. in Urban Development and Management, in addition to doctoral and several other short-term programmes for fresh graduates and mid-career professionals.

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About TERI School of Advanced Studies

Academic programmes at the TERI SAS are focused around the challenges of providing the 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 MSc degree programmes in Environmental Studies and Resource Management, Environmental and Resource Economics, Geoinformatics, Water Science and Governance, Climate Science and Policy, and Plant Biotechnology; MBA programmes in Infrastructure and in Business Sustainability; MTech programmes in Renewable Energy Engineering and Management, Water Science and Governance and Urban Development and Management; and LL.M. programmes in Environment & Natural Resources Law and in Infrastructure & Business Law.

The University offers two MA programmes, one in Public Policy and Sustainable Development, and the other in Sustainable Development Practice. The 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 University 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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Accredited by NAAC

MSC (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 benefit from a continuous accretion of knowledge through research. This is what TERI SAS is attempting to do through all its programmes, for the benefit of not only 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.

MSc 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 MSc (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.



Students meeting the Honourable Chief Minister of Madhya Pradesh Shree Shivraj Singh Chauhan as a part of their field trip to review the challenges and achievements of the Narmada Seva Yatra

Programme Structure

Year	Courses	Credits	Duration
First Year			
Semester I	4 core courses with 4 credits for each course	16	15 weeks
Semester II	4 core courses with 4 credits for each course	16	15 weeks
Second Year			
Semester III	3 core course of 4 credits + Elective course of 8 credits	20	15 weeks
Semester IV	Master's Thesis	20	15 weeks

Course Details

1 st Year		Credits 32
1 st Semester	2 nd Semester	
Probability and Statistics	Environment and Economic Development	
Macroeconomics	Growth Economics	
Microeconomics	Development Economics	
Introduction to Mathematical Methods for Economics	Econometrics	

2 nd Year		Credits 40
3 rd Semester		
Methods of Research in Economics		
Environmental 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 MSc Economics Programme are as follows:

Economics of Environment	Labour Economics
Economics of Natural Resources	Trade and the Environment
Indian Agriculture in a Global Setting	Law and Economics
Advanced Econometrics	Economics of Health and Environment
Time Series and Regression Analysis	Energy Economics
Ecological Economics	Advanced Macroeconomics
	Theory of Finance

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.



WHY M.Sc. Economics

SPECIALISATION IN ENVIRONMENTAL AND RESOURCE ECONOMICS

BALANCED EXPOSURE TO THEORETICAL AND EMPIRICAL METHODS

UNIQUE SPECIALISATION ECONOMICS OF ENVIRONMENT

EMPHASIS ON DEVELOPING ANALYTICAL AND WRITING SKILLS

MASTER'S THESIS: CLOSELY SUPERVISED HANDS-ON OPPORTUNITY TO APPLY CONCEPTS AND THEORIES TO REAL WORLD

BASKET OF ASSESSMENTS
BOOK REVIEW | CRITICAL REVIEW | LITERATURE REVIEW | OPEN BOOK EXAMINATIONS | PRACTICAL EXERCISES | PRESENTATIONS | RESEARCH PAPER | RESEARCH PROPOSAL | WRITTEN EXAMINATION