**Sponsored Candidates**

Candidates working in the industry/government are encouraged to apply for the full-time MSc programmes. Up to five seats can be reserved in each programme for such candidates. All those who satisfy the minimum qualification requirement may be admitted to the programme after an interview. These candidates are required to submit, at the time of interview, a sponsorship certificate from their employer on a company letterhead, stating the period of his/her study at the University, the candidate will be treated as on-duty with usual salary and allowances and that he/she will be fully relieved for the period of study for pursuing his/her studies.

**Placement**

The students who complete MSc Climate Science and Policy programme possess the requisite confidence and skills to work as research officers, climate consultant and policy analysts in both public and private organizations. Besides this, opportunities in Research organizations and doctoral research can also be explored.

The University has a Placement Cell that helps students find suitable organizations to do their minor and major projects as well as get final placement.

Some of the organizations where the students have been placed in the past are given below:

- Shakti Sustainable Energy Foundation
- Institute of Rural Management Anand (IRMA)
- Deutsche Gesellschaft für Internationale Zusammenarbeit GmbH (GIZ)
- Federation of Indian Chambers of Commerce and Industry (FICCI)
- Velux Foundation
- KBS Certification Services Pvt. Ltd
- Think Through Consulting
- CTran Consulting
- Ernst & young

**Department of Energy and Environment**

Given the global depletion of natural resources due to unsustainable consumption pathways societies have adopted, emerging economies like India are at crossroads to choose a trajectory which ensures inter-generational equity, inclusiveness and sustainability in their growth journeys. The Department of Energy and Environment (DEE) at TERI SAS, aims to address the challenges relating to energy and environmental resource management through teaching, research and capacity building. The DEE creates a cadre of trained professionals committed to bring positive change through expert and evidence-based solutions.

Department of Energy and Environment offers interdisciplinary post-graduate and doctoral programmes in renewable energy engineering & management, environmental studies & resource management, climate science & policy, and urban development & management to equip students with knowledge and skill sets to create solutions for sustainable development pathways in urban and rural habitats. The Department undertakes research in areas such as renewable energy, energy efficiency, air & water pollution, waste management, energy & environmental modelling, environment & health, sustainable consumption & production, sustainable agriculture, climate adaptation & mitigation, ecosystem management, and smart cities with focus on services, infrastructure & governance. The DEE encourages collaboration with industry, government, academic & research institutions, and multilateral organizations to deliver practice informed research and teaching.

**About TERI School of Advanced Studies**

Academic programmes at the TERI SAS are focused around the challenges of providing the global population with a limited and degraded natural resource base. In moving towards greater 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 through an 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.


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 Free 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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Climate Science and Policy

Science has established the existence of climate change as well as related anthropogenic activity as the leading cause. In this context, the need is to understand the science, the implications on various regions, resources, societies, and to study ways of mitigating the impacts as well as further emissions of GHGs. Role of policies and measures are equally important. TERI School of Advanced Studies offers a programme leading to the award of M Sc in Climate Science and Policy. This is an intensive four-semester programme intended to induce scientific and policy issues relevant to climate change. With this M ScClimate Science and Policy students will be equipped to take up job functions associated with local, national and international efforts to deal with climate change, one of the biggest environmental problems of this era.

The subject is so topical and need of the time-national action plan and Paris agreement on climate change driving action and policy formulation, businesses framing agendas keeping climate change in focus, energy policies geared towards sustainable energy use, state action plans being formulated, co-benefits and emissions reductions being internalized in energy planning decisions.

Programme Overview

Climate change is likely to be one of the most challenging issues mankind will face in the 21st century. To involve and educate larger number of people in this area and to provide professionals with an improved understanding of the subject, the M Sc (Climate Science and Policy) programme aims to impart knowledge in mitigation and adaptation strategies.

The Programme, offered by the Department of Energy and Environment, intends to create professional capability in assessing and managing the risks posed by climate change, and provide a sound base in the scientific arena as well as in the economic dimensions of climate change policy, mitigation, and adaptation strategies. Delivered through a diverse range of courses in the two years of study, the Master's degree will also provide a structured route to research and development in the area.

Programme Outline

The two years of the M Sc programme are divided into four semesters:

The first semester is reserved for compulsory courses, providing a broad overview of both the natural and the policy aspects of climate change.

The second semester allows specialization on the important topic relevant to climate change/research by offering elective courses alongside the 2 credit compulsory minor project. The final semester is fully dedicated to research-based project work which is supervised by external faculty, project can be performed outside the campus or by attaching themselves with internal core faculty member of the university.

Programme Structure

Year	Courses	Credit (total credits)	Duration
First Year
1st Semester	8 core courses of 1-3 credits each	21	15 weeks
2nd Semester	4 core courses and minimum 2 electives of 3 credits each	17	15 weeks
Summer	Minor Project	2	8 weeks
Second Year
3rd Semester	1 and minimum 4 electives of 3-4 credits each	15	15 weeks
4th Semester	Major Project	15

Eligibility Criteria

A Bachelor’s degree in Science/Engineering/Economics/Mathematics/Statistics/Geography/Geology with a minimum cumulative grade point average of 6.75 on a 10 point scale or equivalent, as determined by TERI SAS, wherever letter grades are awarded, or 60% marks in aggregate, wherever marks are awarded. For candidates with bachelor’s degree in Humanities (e.g. Economics/Geography), a relaxation of 5% to 0.75 Cumulative Grade Point Average could be allowed.

Selection Procedure

Admission to the M Sc programme is made on the basis of an online test and interview conducted by the University.

Pedagogical Tools

Apart from usual lectures and practical, the program prepares students to connect and apply their classroom learning to society. Field visits, role playing and experiential learning is part of the curriculum. Discussion on the recent development in the arena of climate change between the teacher and a small group of students occurs on a regular and frequent basis.

www.terisas.ac.in

MSc (Climate Science and Policy)