

**School of Environmental Sciences
Jawaharlal Nehru University**

Winter Semester 2026 - List of Teaching Courses for Ph.D.

(All courses in the list are aligned with the NEP 2020, and will be offered to PhD students registering for the Winter semester 2026, including both the continuing students and the newly admitted Phase II students).

Date: 19.12.2025

Sl. No.	Course Code	Course Title	Faculty	Credits
AREA I				
1.	ES-661A	Aerosol and Cloud Physics	AKM	2
2.	ES-663A	Remote Sensing of Air Pollution	AKS	2
3.	ES-664A	Statistical Methods and Data Analysis in R	KK	2
AREA II				
4.	ES-671A	Engineering Geology	RKU	2
5.	ES-672A	Geochemical Cycles	AKT	2
6.	ES-673A	Geochemistry of Fossil Fuels	SK	2
7.	ES-674A	Ocean Exploration and Environment	DKP	2
AREA III				
8.	ES-682A	Air Pollution	UCK	2
9.	ES-684A	Sustainable Environmental Management	AM	2
AREA IV				
10.	ES-691A	Applied Ecology	PKJ	2
11.	ES-692A	Cell and Environment	IG	2
12.	ES-694A	Host-Pathogen Interaction and Environment	KM	2
13.	ES-695A	Industrial Biotechnology	KP	2
14.	ES-698A	Radiation and Molecular Biophysics	RM	2

1. Students with an MSc as the eligible qualification will have to choose a minimum of 3 electives, including at least 1 elective from their respective Area of admission.
2. Students with a BSc/BTech as an eligible qualification will have to choose a minimum of 5 electives, including at least 2 electives from their respective Area of admission.
3. Detailed course content for each course can be found on the SES webpage.

mdue
19.12.2025

Meenakshi Dua
Convener - TT & EC, SES

Cc: All faculty members, AO SES, School Office for display on Notice Board.

Chunji
Prof. N.J. Raju
Dean, SES *19.12.2025*

