

USPCAS-E List of Offered Courses (Spring 2025)

No	Course Code	Course Title	CH	Name of FM
1	ESE-809	Modeling of Energy Systems	3	Dr. Adeel Waqas
2	ESE-830	Next generation Photovoltaic Devices	3	Dr. Nadia Shahzad
3	ESE-804	Applied Solar Energy (Evening)	3	Dr. Nadia Shahzad
4	ESE-820	Energy and Environment	3	Dr. Muhammad Hassan
5	RE-822	Biomass & Bioenergy (Evening)	3	Dr. Rabia Liaquat
6	ESE-836	Li-ion & Next Generation Batteries	3	Dr. Ghulam Ali
7	ESE-817	Wind Energy	3	Dr. Sehar Shakir
8	ESE-840	Energy for Sustainable Development (Evening)	3	Dr. Sehar Shakir
9	ESE-814	Fuel Cells (Evening)	3	Dr. Mustafa Anwer
10	RM-898	Research Methodology (ESE)	2	Dr. Sehar Shakir
11	ESE-832	Energy & Climate Change (Evening)	3	Dr. Abeera Ayaz Ansari
12	ESE-831	Energy Policy Analysis and Planning	3	Dr. Waqar Khalid
13	RM-898	Research Methodology (Evening)	2	Dr. Waqar Khalid
14	ESE-838	Development and Evaluation of Energy Projects	3	Dr. Syed Ali Abbas Kazmi
15	EPE-814	Advanced Power Electronics	3	Dr. Hassan Abdullah Khalid
16	EPE-819	Machine Learning for Power Systems	3	Dr. Kashif Imran
17	EPE-800	Power System Operation, Control and Optimization	3	Dr. Muhammad Yousif
18	TEE-802	Design and Modeling of Thermal Energy Systems	3	Dr. Majid Ali
19	ESE-824	Nuclear Energy Engineering	3	Dr. Majid Ali
20	TEE-816	Fuels and Combustion	3	Dr. Asif Hussain Khoja
21	ESE-800	Clean Coal Technologies	3	Dr. Sana Yaqub
22	ESE-833	Industrial Energy Management	3	Dr. Naveed Ahmed
23	RM-898	Research Methodology (TEE)	2	Dr. Sana Yaqub