

Minor Program in Sustainable Engineering

The Greenko School of Sustainability is offering an Undergraduate Minor program in Sustainable Engineering from the Academic Year 2026 for all undergraduate students. The following are the course requirements.

Undergraduate students must complete 12 credits from the following baskets of courses, with a minimum of 5 credits and a maximum of 7 credits from each basket.

The following are the courses (12 credits):

Basket-1: Core courses [5 to 7 credits]

	Course	Credits	Type	Course Codes
	Concepts in Sustainable Engineering	3	Core	SE5723
	Sustainable Energy Technology	3	Core	SE5480
	Analysis and Methods for Sustainable Engineering	2	Core	SE5713
	Sustainable Building Materials	3	Core	SE5100

Basket-2: Elective courses [5 to 7 credits]

	Course	Credits	Type	Course Codes
	Sustainable Highway Infrastructure Design and Retrofitting	3	Elective	SE5110
	Energy-Efficient Buildings	2	Elective	SE5120
	Sustainable Waste Management	2	Elective	SE5130
	Structural Resilience Strategies	3	Elective	SE5150
	Strategies for Sustainable Design	2	Elective	SE5160
	Sustainable Mobility	3	Elective	SE5170
	Recycling and Sustainability of Green Energy Materials	2	Elective	SE5290
	Photovoltaic Technologies and Solar Economy	3	Elective	SE5310
	Net Zero Processes	3	Elective	SE5510
	Carbon Capture Utilization and Storage	3	Elective	SE5520
	Sustainable Waste Management	2	Elective	SE5130
	Technologies for Sustainable Manufacturing	1	Elective	SE5540