



www.cleantech-imperial.co.uk

Innovate new technologies to tackle the climate challenge with deeptech and design skills.

Become a Cleantech pioneer through collaboration with designers, engineers and scientists.

Launch a Cleantech venture with your team as part of London's startup ecosystem.

# MSc Cleantech Innovation

12 months

Develop a Cleantech Innovation with a team of 3 other students as part of a cohort of climate innovators.

Learn about entrepreneurship and spend time with a cleantech startup.

Develop deeptech skills for cleantech innovation.

	AUTUMN TERM Scoping climate change & cleantech interventions	SPRING TERM From Cleantech Idea to Cleantech Startup	SUMMER TERM Technology Validation & Cleantech Entrepreneurship	
Curriculum	Cleantech Innovation Project Part 1: Ideation, Design Methods & Prototyping	Cleantech Innovation Project Part 2: Business Model & Customer Discovery & Pitch	Cleantech Innovation Project Part 3: Advanced Prototyping & Asset Creation	MSc Thesis in Cleantech Innovation
	Climate Change for Cleantech Innovators		LCA & Social Impact for Cleantech Innovations	Greenhouse Residency Project
	Choose 1 out of 3 Electives: - From Data to Product - Responsible Engineering - Nano Design Engineering	Choose 1 out of 3 Electives: - Sustainable Resource Mgmt - Design of Visual Systems - Design for Additive Manufacturing		
		Design Engineering Tools for Cleantech Entrepreneurs		

## Programme

Develop a deep understanding of the technical aspects of climate change challenges and formulate your own solutions to these within the cleantech themes of energy, materials, manufacturing, water, transport and food.

The MSc Cleantech Innovation is jointly delivered through the Dyson School of Design Engineering and the Grantham Institute for Climate Change and the Environment. You will also interact through Undaunted, the Grantham Institute's innovative initiative, including completing a residency project with the Greenhouse accelerator programme startups.

You will have the opportunity to meet and learn from expert innovators across the Cleantech spectrum. Develop new skills as designer, innovator and problem solver to create your own technology and get ready to launch it into the world, delivering real change. You will work with collaborators inside and outside Imperial to help make your Cleantech solutions a reality!