

TRANSITIONS MASTERCLASS: CHALLENGES AND OPPORTUNITIES IN TRANSITION TO A LOW-CARBON ECONOMY

A one-week intensive graduate course is offered by the Academy for Sustainable Innovation, in partnership with the Grantham Institute for Climate Change. Imperial College London will be hosting the course. Students are introduced to the concept of 'transition' to a low carbon and socially just economy, and explore the implications of transition for all aspects of society and the economy.

As a Transitions Masterclass student, you will:

- › Discover and discuss the political, economic, social, technological, legal and ecological drivers for transition.
- › Consider the implications of those unfolding drivers for social/community systems, financial/capital systems, energy systems, transportation systems, food systems, water systems and urban/infrastructure systems in the United Kingdom and around the world.
- › Learn basic principles of strategy and sustainable design, and explore approaches to effective leadership and cooperation across sectors: public, private and civil society.
- › Examine the importance of an interdisciplinary and entrepreneurial mindset to addressing challenges and enhancing value through sustainable innovation.

Students develop knowledge and experience of:

- › Applying systems thinking, design thinking and principles of social innovation within the constraints of a 'one planet' reality.
- › Applying drivers of the world's transition to a low carbon economy to real organizations in different social realms — turning complex challenges to opportunity in public, private and civil society/community organizations and social enterprises.
- › Developing mindsets and personal skills needed to lead organizations pursuing transition through new forms of value creation.
- › Organizational strategy and product design for transition in different systems: social, financial, energy, transportation, food, water and urban/infrastructure.

Masterclass Students report back:

"The course outline and opportunity to meet industry experts and learn from peers clearly aligned with my career goals."

"The course was fantastic and is definitely on the right track to growing the number of sustainability professionals. Thank you so much!"

"These sessions motivated me to think about sustainability more as we got to hear from those companies who actually practice to be sustainable."

Presented by the Academy for Sustainable Innovation

The Academy for Sustainable Innovation's Masterclass is a game changing new initiative to train and certify a generation of professionals to lead a global transition to a low-carbon economy.

Our goal: to provide 100,000 professionals with the skills, knowledge, and experience to manage a shift to a more sustainable world over the next 15 years.

SAMPLE COURSE SCHEDULE Draft Program Outline

Class Experience (in person or online):

- › Program will run like a typical intensive class – ten sessions of approximately 3.5 hours spread over five days.
- › Each 3.5-hour session will include some or all of the following: Consideration of readings and the broader literature and/or contemporary developments featured in the media in recent days; Lecture/guest lecture; Video commentaries; Case studies; Group work.
- › In-class assignments and presentations (no examination).
- › If applicable, students wishing to seek a personal academic advisor for participation, deliverable and grading requirements.
- › Students completing the course will receive a certificate of attendance which may count towards professional certifications.



COURSE DETAILS

- Location:** Centre for Environmental Policy at Imperial College, Kensington, London UK
- Dates:** July 22 – 26, 2019
- Registration:** asi-imperial.eventbrite.ca
- Class size:** Limited – prospective students are encouraged to register their interest as soon as possible.

MASTERCLASS: Challenges and Opportunities in Transition to a Low-Carbon Economy

SESSION 1: Learning to Think Like Leonardo

Design-thinking meets systems-thinking to foster experimentation and innovation

SESSION 2: Drivers of transition to a low-carbon economy

Learning to live on one planet

SESSION 3: Follow the Money

Understanding Capital Markets and How and When they Reward Social and Environmental Performance

SESSION 4: Society and Technology

Understanding the Role of Technology in Disruptive Social Change

SESSION 5: Leadership Skills for a Sustainable World 1

Reconstructing Value in Corporate Environments

SESSION 6: Leadership Skills for a Sustainable World 2

Entrepreneurial and Start-Up Environments

SESSION 7: Inspirational Cases in Transition 1

Green Cities

SESSION 8: Inspirational Cases in Transition 2

Atmospheric Restoration

SESSION 9: Inspirational Cases in Transition 3

Agriculture and Water

SESSION 10: Summary and Personal Action Planning

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