

## Summary of Environmental and Sustainability Related Courses at Swansea University

22<sup>nd</sup> March 2022

### External Programmes and Training for Business and Public Sector

Course	Target Participants	Funded	More information
Introduction to Fossil Free Steelmaking	Industry and Business	Free ESF	<a href="https://www.project-metal.co.uk/courses/course/introduction-to-fossil-free-steelmaking">https://www.project-metal.co.uk/courses/course/introduction-to-fossil-free-steelmaking</a> Details sources of greenhouse gas emissions from traditional integrated ironmaking & steelmaking and the latest advancements to realise a carbon-neutral steel industry will be introduced.
Introduction to Circular Economy	Industry and Business	Free ESF	<a href="https://www.project-metal.co.uk/courses/course/circular-economy">https://www.project-metal.co.uk/courses/course/circular-economy</a> Explore the concept of sustainability, examines where we are in terms of global sustainability and how we have got to this point. We will then examine some of the most crucial global sustainability challenges, how circular economy offers us a new path to overcome these, and how you can start to implement its principles in your own projects.
Environmental Impact and Sustainability	Industry and Business	Free ESF	<a href="https://www.project-metal.co.uk/courses/course/environmental-impact-and-sustainability">https://www.project-metal.co.uk/courses/course/environmental-impact-and-sustainability</a> This course provides an outline of current environmental legislation and the influence industry has on the environment.
Circular Economics Innovation Communities	Public and Third Sector	WG ESF Free	<a href="https://ceicwales.org.uk/workshops/">https://ceicwales.org.uk/workshops/</a> Circular Economy Innovation Communities (CEIC) is a fully funded project led by practitioners with many years of collective experience that provides public sector organisations in the Cardiff Capital and Swansea Bay regions with the knowledge, skills, experience and ideal environment to collaboratively identify and solve common challenges.
Circular Revolutions	SMEs	ERDF Free	<a href="https://circularrevolution.wales/">https://circularrevolution.wales/</a>

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## Swansea University Green Modules and Programmes

### Programmes

<b>BSc Environmental Science and the Climate Emergency</b> <a href="https://www.swansea.ac.uk/undergraduate/courses/biosciences-geography-physics/geography/bsc-environmental-science-and-the-climate-emergency/">https://www.swansea.ac.uk/undergraduate/courses/biosciences-geography-physics/geography/bsc-environmental-science-and-the-climate-emergency/</a> Programme Director:
<b>MA Global Challenges: Law, Policy and Practice</b> <a href="https://www.swansea.ac.uk/global-challenges-programme/postgraduate/">https://www.swansea.ac.uk/global-challenges-programme/postgraduate/</a>
<b>MSc Sustainable Engineering Management for International Development</b> <a href="https://www.swansea.ac.uk/postgraduate/taught/aerospace-civil-electrical-general-mechanical-engineering/general/msc-sustainable-engineering/">https://www.swansea.ac.uk/postgraduate/taught/aerospace-civil-electrical-general-mechanical-engineering/general/msc-sustainable-engineering/</a>
<b>MSc Environmental Dynamics and Climate Change</b> <a href="https://www.swansea.ac.uk/postgraduate/taught/biosciences-geography-physics/geography/msc-environmental-dynamics-and-climate-change/">https://www.swansea.ac.uk/postgraduate/taught/biosciences-geography-physics/geography/msc-environmental-dynamics-and-climate-change/</a>
<b>MSc Geographic Information and Climate Change</b> <a href="https://www.swansea.ac.uk/postgraduate/taught/biosciences-geography-physics/geography/msc-geographic-information-and-climate-change/">https://www.swansea.ac.uk/postgraduate/taught/biosciences-geography-physics/geography/msc-geographic-information-and-climate-change/</a>
<b>MSc Society, Environment and Global Change</b> <a href="https://www.swansea.ac.uk/postgraduate/taught/biosciences-geography-physics/geography/msc-society-environment-global-change/">https://www.swansea.ac.uk/postgraduate/taught/biosciences-geography-physics/geography/msc-society-environment-global-change/</a>
<b>MSc Management (Sustainable Business)</b> <a href="https://www.swansea.ac.uk/postgraduate/taught/som/business-management/msc-management-sustainable-business/">https://www.swansea.ac.uk/postgraduate/taught/som/business-management/msc-management-sustainable-business/</a>
<b>MSc Environmental Biology: Conservation &amp; Resources Management</b> <a href="https://www.swansea.ac.uk/postgraduate/taught/biosciences-geography-physics/biosciences/msc-environmental-biology-conservation-and-resource/">https://www.swansea.ac.uk/postgraduate/taught/biosciences-geography-physics/biosciences/msc-environmental-biology-conservation-and-resource/</a>
<b>MSc Power Engineering and Sustainable Energy</b> <a href="https://www.swansea.ac.uk/postgraduate/taught/aerospace-civil-electrical-general-mechanical-engineering/electrical/msc-power-engineering-and-sustainable-energy/">https://www.swansea.ac.uk/postgraduate/taught/aerospace-civil-electrical-general-mechanical-engineering/electrical/msc-power-engineering-and-sustainable-energy/</a>
<b>MSc Oil, Gas and Renewable Energy Law</b> <a href="https://www.swansea.ac.uk/postgraduate/taught/law/llm-oil-gas-renewable-energy-law/#modules=is-expanded">https://www.swansea.ac.uk/postgraduate/taught/law/llm-oil-gas-renewable-energy-law/#modules=is-expanded</a>
<b>MSc Sustainable Finance</b>

Approved coming September 2023

## Modules

<b>Module Title</b>	<b>Dept/Convenor</b>	<b>Level and Programme</b>
MN-3056 Sustainable Tourism	Business Prof B Garrod	BSc Tourism, BSc Business Management (Tourism)
MN-3522 Sustainability and Environmental Management	Business Dr L Huxtable-Thomas	BSc Tourism, BSc Business Management, BSc Marketing
MN-MBA05 Creating Sustainable Value	Business Prof N Rich	MBA
MN-3512 Business Ethics	Business Dr J Finniear	BSc Tourism, BSc Business Management, BSc Marketing
MN-3516 Marketing Ethics	Business Dr C Groves	BSc Tourism, BSc Business Management, BSc Marketing
MN-3517 Corporate Social Responsibility and Ethics	Business Dr S Brooks	BSc Management
MN-M607 Corporate Social Responsibility and Ethics	Business Dr S Brooks	MSc Management
MN-M606 Sustainability and Environmental Management	Business Dr S Buxton	MSc Management
MN-2003 Corporate Governance and Ethics	Accounting and Finance Dr T Pryce-Brown	BSc Accounting, BSc Accounting and Finance, BSc Finance, BSc Business
MN-M507 International Corporate Governance and Ethics	Accounting and Finance Dr T Pryce-Brown	BSc Accounting, BSc Accounting and Finance, BSc Finance
MN-2029 Environmental and Resource Economics	Economics Dr I Asproudis	BSc Economics, BSc Economics and Finance, BSc Economics and Business
MN-M589 Energy Economics	Economics Dr J Li	MSc Economics, MSc Economics and Finance
LAA207 Planning Law: Community and Environmental Perspectives (0 Credits)	Law	LLB
LAA214 Environmental Law 1 – Regulatory Law Approaches (15 Credits)	Law Prof K Morrow	LLB
LAA310 Environmental Law 1 – Regulatory Law Approaches (20 Credits)	Law Prof K Morrow	LLB
LAA311 Environmental Law – Global Issues	Law Prof K Morrow	LLB

LAA397 Planning Law: Community and Environmental Perspectives (20 Credits)	Law Dr V Jenkins	LLB
LAAM02 Human Rights and the Environment (20 Credits)	Law Prof K Morrow	MA Global Challenges: Law, Policy and Practice
GEG135 Sustainability and the Climate Emergency (20 Credits)	Geography Dr O Elias	BSc Environmental Science and the Climate Emergency
GEG 269 Sustainable Land Management (10 Credits)	Geography Dr E Urbanek	BSc Environmental Science and the Climate Emergency, BSc Geography, BSc Bioscience
GEG274 Sustainable Cities (10 Credits)	Geography Dr Y Sun	BSc Environmental Science and the Climate Emergency, BSc Geography, BSc Bioscience
BIO329 Climate Change Biology (10 Credits)	Biosciences Prof KW Tang	BSc Environmental Science and the Climate Emergency, BSc Bioscience
GEG344 The Cryosphere in a Changing Climate (20 Credits)	Geography Prof T Murray	BSc Environmental Science and the Climate Emergency, BSc Geography
GEG358 Measuring Climate Change (20 Credits)	Geography Dr I Robertson	BSc Environmental Science and the Climate Emergency, BSc Geography
SCI120 Environmental Awareness (15 Credits) Level 3	Geography	BSc Geography (and related progs)
GEGM06 Dissertation Environmental Dynamics and Climate Change	Geography Prof N Loader	MSc Environmental Dynamics and Climate Change, MSc Geographic Information and Climate Change, MSc Society, Environment and Global Change
GEGM06B Geographic Information and Climate Change	Geography Dr J Hiemstra	MSc Environmental Dynamics and Climate Change, MSc Geographic Information and Climate Change,
GEG273 Geographies of Climate Action and Activism (10 Credits)	Geography Dr A Piggott	MSc Society, Environment and Global Change
BIOM22 Environmental Assessment and Management (20 Credits)	Biosciences Dr C Lowe	MSc Environmental Dynamics and Climate Change, MSc Geographic Information and Climate Change
BIOM13C Nature Based Solutions	Biosciences Dr L Roberts	
GEG236 Earth from Space: Monitoring Global Environmental Change (10 Credits)	Geography Prof P North	MSc Environmental Dynamics and Climate Change, MSc Geographic Information and Climate Change,
GEGM07 Environmental Dynamics	Geography Dr I Robertson	MSc Environmental Dynamics and Climate Change, MSc

		Geographic Information and Climate Change
GEGM28 Society-Environment Relations	Geography Dr A Rogers	MSc Environmental Dynamics and Climate Change, MSc Geographic Information and Climate Change
GEGM29 Crisis and Global Change	Geography Dr A Closs Stephens	MSc Society, Environment and Global Change
GEGM26 Climate Science and Policy	Geography Prof T Murray	MSc Environmental Dynamics and Climate Change, MSc Geographic Information and Climate Change, MSc Environmental Biology: Conservation & Resources Management
GEGM21 Climate Change – Past, Present and Future	Geography Dr J Hiemstra	MSc Environmental Dynamics and Climate Change, MSc Geographic Information and Climate Change, MSc Environmental Biology: Conservation & Resources Management
BIOM32 Ecosystems: Ecology, Conservation & Resource Management	Biosciences Prof C Froyd	MSc Environmental Dynamics and Climate Change, MSc Geographic Information and Climate Change, MSc Environmental Biology: Conservation & Resources Management
EGSM23 Circular Economy and Sustainable Engineering	Engineering Prof M Davies	MSc Sustainable Engineering Management for International Development
EG-M190 Social, environmental and economics context of research (10 Credits)	Engineering Dr N Wint	MSc Power Engineering and Sustainable Energy
EG-B38 Environmental Impact and Sustainability (10 credits)	Engineering Mr K Khan	BSc Engineering
EG169 Environmental Awareness for Engineers (10 Credits)	Engineering Dr B Sandnes	BSc Engineering programmes
EG-3074 Environmental Analysis and Legislation (10 Credits)	Engineering Prof G Bunting	BSc Engineering programmes
EGMS37 Environmental Analysis and Legislation (10 Credits)	Engineering Prof G Bunting	MSc Power Engineering and Sustainable Energy
ASC319 Social and Environmental Harms (20 Credits)	Social Sciences	BSc Criminology and Sociology