

JLU

NEUE WEGE. SEIT 1607.

JUSTUS-LIEBIG-  
UNIVERSITÄT  
GIESSEN

Workshop 1 „Motivation zu Auslandsaufenthalten – Studierende (neu) überzeugen“  
Masterstudiengang M.Sc. Global Change: Ecosystem Science  
and Policy

*Regina Gaitsch*  
*Fachbereich 08 – Biologie und Chemie*

- M.Sc.-Studiengang
- Partneruniversitäten
- Zielgruppe und Nachfrage – Erfahrungen
- Werbung und PR

# Masterstudiengang M.Sc. Global Change: Ecosystem Science and Policy

- internationaler Studiengang von Justus-Liebig-Universität Giessen und University College Dublin
- Master of Science (*joint degree*)
- interdisziplinäre Thematik “Global Change”
- 3 Semester (16 Monate) incl. Work placement
- 120 Credit Points
- Unterrichtssprache: Englisch
- integrierte Mobilitätsphasen
- Kapazität: 20 Plätze
- Studiengebühren
- seit WiSe 2012/2013



## University College Dublin

- Irlands größte Universität
- 23.000 Studierende
- UCD College of Science: 5.500 Studierende



## Justus-Liebig-Universität Gießen

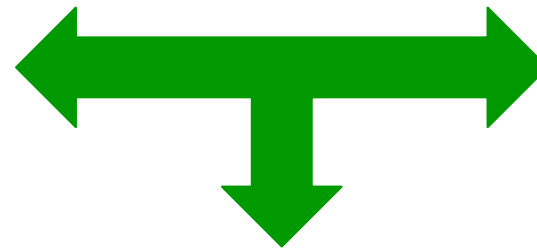
- zweitgrößte Hochschule Hessens
- 27.000 Studierende
- Fachbereich Biologie & Chemie: 2.500 Studierende



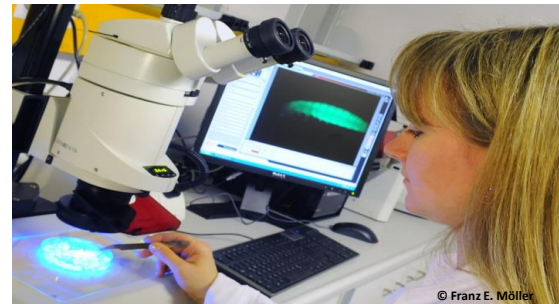
## Global Change Science



## Policy & Communication

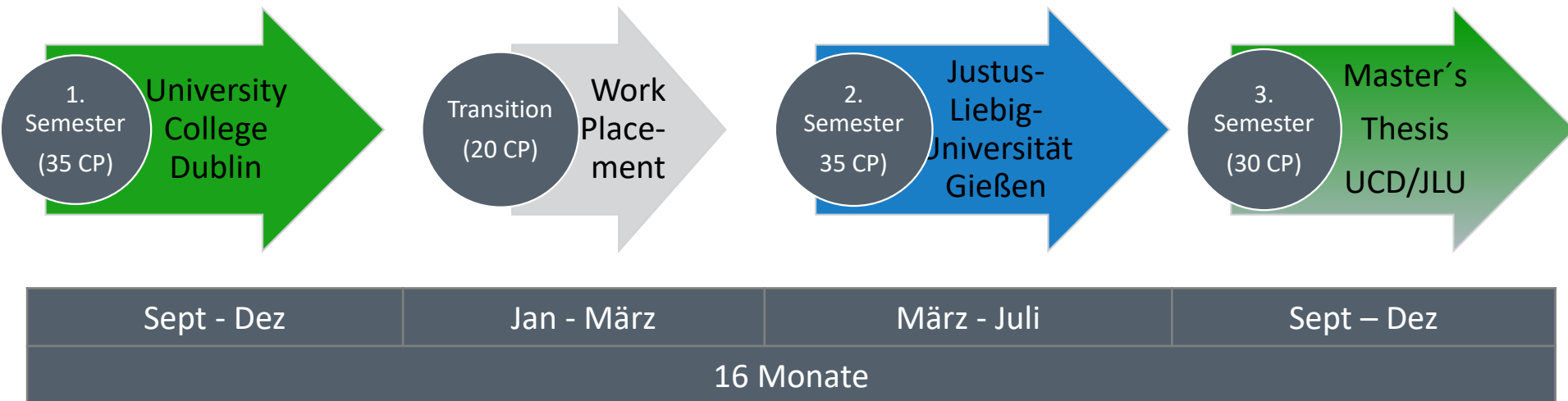


Data management  
Analysis & Reporting



- Understanding Global Change and the interface between ecological and societal processes
- Measuring, modelling and predicting planetary-scale changes
- communicating outcomes to the public, to politics, to stakeholders in business and industry etc.

# Studienverlauf



**School of Biology and Environmental Science**  
Sutherland School of Law  
School of Agriculture and Food Science, School of Engineering

IAEA Wien, WMO Genf, FAO Rom, EPA Ireland, PIK Potsdam, IASS Potsdam, ICLEI Freiburg, RISE Brussels, IUCN Brussels, ISOE, IEN, EFI Barcelona, IGES Tokyo, Scottish Wildlife Trust etc.

**FB08 Biology and Chemistry**  
FB09 Agrar-, Umweltwissenschaften  
FB07 Mathematik, Informatik, Physik, Geographie

# Zielgruppe und Nachfrage – Erfahrungen



## Zugangsvoraussetzungen:

- B.Sc. naturwissenschaftlicher Studiengänge (Biologie, Agrar-, Natur-, Umweltwissenschaften) mit 180 ECTS
- Sprachnachweis Englisch (100 itb TOEFL, 6.5 IELTS)
- Studiengebühren (EU fee € 9.190, non EU fee € 27.720)
- Interessierte an interdisziplinärem Zugang zu aktuellem Thema Global Change
- Auslandsstudium an zwei Universitäten



## Nachfrage:

- BSc/MSc in Naturwissenschaften i.w.S., zunehmende Nachfrage mit sozial- und wirtschaftswissenschaftlichen BSc
- Interesse an Klimawandel + hohes Engagement; z.T. Berufserfahrung
- Interesse am interdisziplinären Zugang
- Attraktivität des Work Placement
- hochmobile Gruppe
- Studiengebühren
- Rahmenbedingungen (Dublin, ...)

Year	2016/17	2017/18	2018/19	2019/20	202/21	2021/22	2022/23	2023/24
Students	10	6	14	13	17	12	6	8

# Werbung und PR

**M.Sc. Global Change: Ecosystem Science & Policy**

Joint Degree - Full time - 16 months - English - Work placement

Adapting to changes...



International Joint Masters Programme

**GLOBAL CHANGE: ECOSYSTEM SCIENCE AND POLICY**

Master of Science (M.Sc.)

- Gain experimental and theoretical knowledge in:
- Global change (soil, air, water)
  - Plant-soil-atmosphere interactions
  - Science and policy
  - Core skills for research
  - Ecosystem and model development
  - Policy consultancy
  - Economics and environmental management
  - Biodiversity informatics
  - Palaeoclimatology
  - Optional modules

This Joint International Programme between University College Dublin (Ireland) and Justus-Liebig-Universität Gießen (Germany) focuses on the latest scientific insights and research methods to address global environmental change issues.

	Semester 1 Sept-Dec	Transition Jan-March	Semester 2 March-Aug	Semester 3 Sept-Dec
Modules	UCD	6 weeks	JLU	
Work placement				UCD or JLU
Research Project				
120 Credit Points	35	20	35	30

**Contact:**

- Dr. Florence Renou-Wilson, Phone: +353 87 2836078, E-Mail: [florence.renou@ucd.ie](mailto:florence.renou@ucd.ie)  
<http://www.ucd.ie/graduatestudies/coursefinder/taughtprogrammes/msc-global-change-ecosystem/>
- Regina Gailsch, Phone: +49 641 99 34003, E-Mail: [Studienkoordination@dekanat.f08.uni-giessen.de](mailto:Studienkoordination@dekanat.f08.uni-giessen.de)  
<http://www.uni-giessen.de/cms/studium/studienangebot/master/globalchange>

**MSc Global Change: Ecosystem Science & Policy**

University College Dublin  
Ireland's Global University

JUSTUS-LIEBIG-UNIVERSITÄT GIESSEN



**MSc Global Change: Ecosystem Science & Policy (16 Months Full Time)**

Global change refers to planetary-scale changes occurring in complex socio-ecological systems which are affected by climatic and non-climatic drivers (e.g. changes in human society). Understanding the intricate, medium to long-term changes in our land, air and water requires advanced scientific knowledge in measurement, modelling and prediction.

This joint international MSc course between the UCD School of Biology and Environmental Science and Justus-Liebig University (JLU) Gießen, Germany is the response to these global change challenges and will suit skilled motivated science graduates wishing to develop

a scientific career in ecosystem research as well as those aiming to contribute to evidence-based environmental policy.

You will be involved in active research groups in both countries, contributing to their ongoing ecosystem studies in order to experience the process of creating scientific knowledge in ecosystem science. In addition to acquiring skills in measuring, analysing and understanding what is behind scientific data you will have the opportunity to develop your analytical, presentation and communication skills to enable you to participate in the policy making process.

**Why study at UCD?**

- Tradition**  
Established 1854, with 100 years of teaching & research excellence
- Global profile**  
UCD is ranked in the top 1% of higher education institutions worldwide
- Global community**  
Over 6,000 international students from over 120 countries study at UCD
- Global careers**  
Degrees with high employability, dedicated careers support, 1 year stay-back visa
- Safety**  
Modern parkland campus with 24 hour security, minutes from Dublin city centre

JLU  
NEUE WEGE SEIT 1607

Joint international degree from two universities combining their complementary profiles and cutting-edge expertise.

**Programme and Structure**

The programme consists of 30 credits Individual Research Project, 20 credits Work Placement, followed by a 6 week work placement in a company or research project which can be undertaken in either UCD or JLU and the third semester research project which can be undertaken in either UCD or JLU.

- Policy consultancy
- Economics and environmental management
- Biodiversity Informatics
- Palaeo-climatology

For more information visit <http://globalchange.ucd.ie/>



Modules and topics shown are subject to change and are not guaranteed by UCD.

JLU  
NEUE WEGE SEIT 1607

JUSTUS-LIEBIG-UNIVERSITÄT GIESSEN

UCD  
UNIVERSITY COLLEGE DUBLIN

MASTER OF SCIENCE (M.Sc.)

**GLOBAL CHANGE: ECOSYSTEM SCIENCE AND POLICY**





Graduate Course Search



Fees, Funding & Scholarships

Why UCD?

Apply to UCD

Contact

# MSc Global Change: Ecosystem Science & Policy

Graduate Taught (level 9 nfg, credits 120)

Global change refers to planetary-scale changes occurring in complex socio-ecological systems, which are affected by climatic and non-climatic drivers (e.g., changes in human society). Understanding the intricate, medium- to long-term changes in our land, air and water requires advanced scientific knowledge in measurement, modelling and prediction. This should in turn inform the science-policy interface.

This joint international MSc in Global Change is the response to these global change challenges and will suit graduates wishing to develop a scientific career in ecosystem research as well as those aiming to contribute to evidence-based environmental policy. Students will study at both UCD, Dublin and [Justus Liebig University \(JLU\) Giessen, Germany](#) where you will be involved in active research groups, contributing to their ongoing ecosystem and policy consultancy studies.

Visit our website [globalchange.ucd.ie](http://globalchange.ucd.ie) to discover more about this programme and apply to study in both Ireland and Germany and make a difference.

## Open Days and Events



See details of any upcoming events and how to register.

## Programme Overview:

- DURATION:** 16 Months
- ATTENDANCE:** Full Time
- MODE OF DELIVERY:** Face-to-Face
- NEXT INTAKE:** 2023/2024 September



- Studienangebot
- Studiengangsfinder
- Bachelor
- Master
- Global Change: Ecosystem Science and Policy**
- Lehramt
- Staatsexamen
- Promotion
- Weiterbildungs-/Aufbaustudium
- Neue Studiengänge
- Bewerben und Einschreiben
- Information und Beratung
- Studieninteressierte
- Studienbeginn
- Im Studium
- Lehre an der JLU
- Einstieg mit Erfolg 2020
- Deutschlandstipendium
- FAQ

## Global Change: Ecosystem Science and Policy

Master of Science (M.Sc.), jointly awarded by Justus Liebig University Giessen and University College Dublin

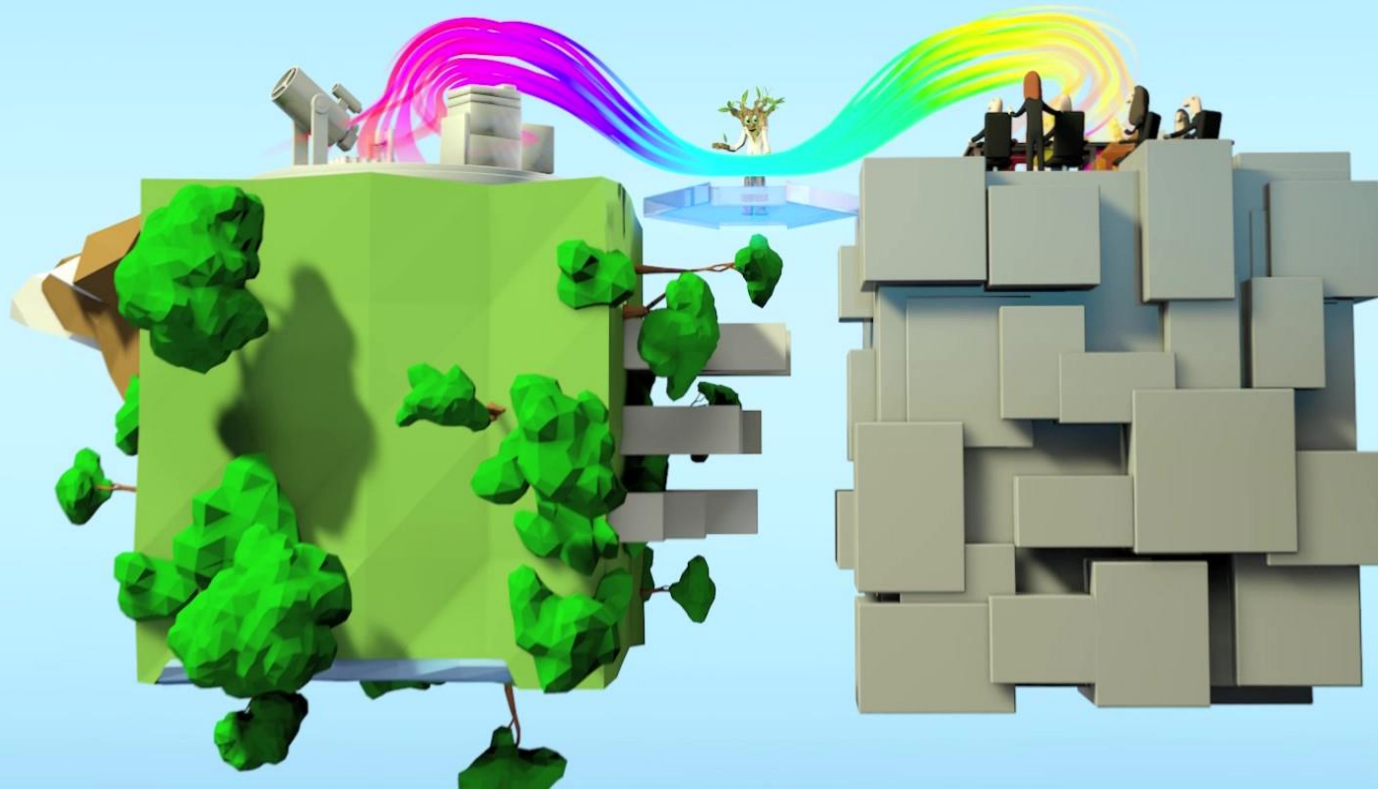


The International Master's course "Global Change: Ecosystem Science and Policy" is jointly offered by Justus Liebig University Giessen (JLU), Faculty of Biology and Chemistry, and University College Dublin (UCD), Ireland, School of Biology and Environmental Science. The programme has a duration of 16 months and comprises 120 credit points. It is completely

26.10.2023

DAAD-Kor





<https://www.youtube.com/@universitaetgiessen>  
<https://www.youtube.com/watch?v=hkgQpmJ2wHU>

[www.masterglobalchange.org](http://www.masterglobalchange.org)



Global Change MSc (UCD / JLU)  
Athrú MSc Domhanda

About

Study ▾

FAQ ▾

Contact

Testimonials

Explore UCD ▾



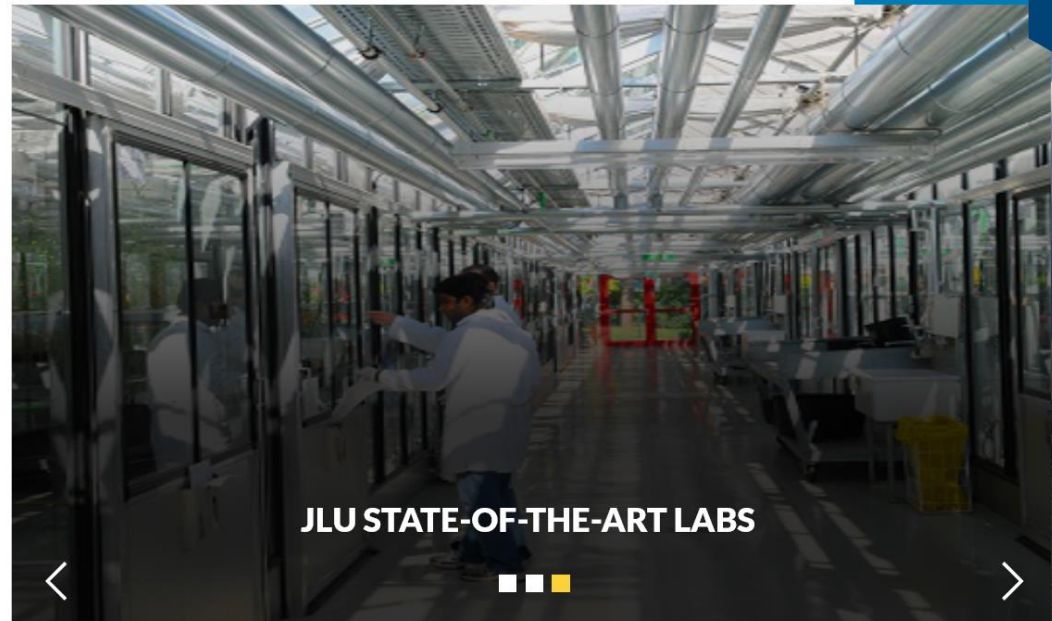
UCD Connect

international joint masters programme between UCD and  
Justus Liebig University, Giessen, Germany.

Watch our Video

#### HOW CAN WE HELP YOU?

Please Select ▾



JLU STATE-OF-THE-ART LABS

# Social Media

- **Facebook**
- **X (twitter)**
  - @MScGlobalChange
  - seit 2020 aktiv
  - Follower: 254
  - Posts: 1284
- **Linkedin**
  - MSc in Global Change, UCD & JLU
  - 100 Mitglieder / Alumni
  - Job offers, Praktikumsplätze etc.



