

OPEN DAY MASTER'S DEGREE RESOURCE ECONOMICS AND SUSTAINABLE DEVELOPMENT -

RIMINI CAMPUS



ALMA MATER STUDIORUM
UNIVERSITÀ DI BOLOGNA
CAMPUS DI RIMINI

SECOND CYCLE DEGREE/TWO YEAR MASTER IN
**RESOURCE ECONOMICS AND SUSTAINABLE
DEVELOPMENT**

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ALMA MATER STUDIORUM
UNIVERSITÀ DI BOLOGNA

LEARNING OUTCOMES

- Critical understanding of complex **interactions and interdependencies** between **economic decisions**, market forces, governmental policies and the **natural environment**
- Ability to **design and critically evaluate public policies** towards the **environment and natural resources**
- Propose **solutions** to environmental, energy and sustainability problems
- Apply quantitative analysis to assess the **total economic value of natural resources**, **environmental quality** and **environmental damages**
- Evaluate the **economic impact** of (firm) decisions and competitive/strategic advantages
- **Assess and manage risks (climate risk, carbon risk, energy prices risk, etc.)**
- **Environmental auditing**



BECOME AN EXPERT

Expert in **regional and local development planning**

- deals with environmental problems related to the use of natural resources and the production of pollution in a sustainable development perspective

Expert in **international business strategies**

- defines business strategies, evaluates the environmental impacts of the use of natural resources and the production of pollution, manages the risk related to the use of natural resources and the production of pollution

Economic – environmental **consultant**

- defines the economic value of environmental damages and benefits of preservation activities
- deals with problems related to the use of resources (i.e. soil, water, fishery resources, oil, gas), the pollution and the management and disposal of waste;
- deals with Energy management, ESG analysis, carbon neutrality/climate neutrality

Expert in **territorial/environmental planning**

- deals with the recovery and the environmental requalification of parks, protected areas,
- suggests alternative ways to handle natural resources (i.e. soil, air, commons) and to reach the carbon neutrality;



COURSE STRUCTURE DIAGRAM

<https://corsi.unibo.it/2cycle/ResourceEconomicsSustainableDevelopment/course-structure-diagram>

Crash courses	I year	II year
Econometrics	Quantitative tools	Environmental law and regulation
Mathematics	Decision-making methods	Sustainable business
	Resource economics and policy	Economic inequality
	Auditing and CSR	Financial economics
	Energy decarbonisation	Economics of climate change
	Waste management	Transport economics
	Internship	Development economics
		Green technology and innovation
		Internship

Electives

(see next slide)



4) Free Choice Activities for 12 CFU from the list below, or from the University teaching offer in English (upon request to the Degree Board) (12 CFU) (12 - 99 CFU)

		PERIOD ?	SSD ?	CFU ?
75577	Economics of Climate Change	1	SECS-P/01	6
60749	Internship	1		12
82522	Internship	1		6
98157	The Economics of Biodiversity and Ecosystem Services	1	SECS-P/01	6
75582	WASTE MANAGEMENT LCA - Not available for the year 2022/2023	1	SECS-P/08	6
93764	Climate Finance	2	SECS-P/01	6
73387	Creativity and Innovation M	CT2		3
95946	Energy Decarbonisation and the Transition to Net Zero	2	ING-IND/09	6
91935	FOUNDATIONS OF ENTREPRENEURSHIP - RIMINI	CT2		3
81799	Project Management and Soft Skills M	CT2		3
75576	Regional and Transport Economics	2	SECS-P/02	6
94126	SUSTAINABLE DEVELOPMENT AND ONE HEALTH - RIMINI	CT2		3
99905	TOPICS IN THE VALUTATION OF ENVIRONMENTAL GOODS AND SERVICES	2		3
75574	Development Economics and Sustainability	3	SECS-P/02	6
75572	Green Technology and Innovation	3	SECS-P/02	6
99904	CLIMATE ECONOMETRICS	4	SECS-P/05	6
75579	Energy Systems and Policy	4	SECS-P/01	6
77913	Environmental Sustainability Assessment in Waste Prevention and Treatments	4	CHIM/12	6
75587	Environmetrics	4	SECS-S/01	6
23607	Project Management	4	SECS-S/06	6
B1056	TOWARDS SUSTAINABILITY. MOVING FROM THEORY TO PRACTICE THROUGH REFORMED DECISION-MAKING	4	SECS-P/02	6

NEW (2023/24)

Planning and management of marine and coastal areas with climate change effects (6 cfu)

Environmental ethics, sustainability and policies (6 cfu)

Empirical methods for the analysis of energy system (6 cfu)



FUTURE CAREER

THE MAIN FIELDS



GRADUATES

Moreover **RESD graduates**, who are able to employ tools and standard methods in economics and management to environmental and resources related issues can be involved in the following fields/skills:

- Project manager
- Strategic planning specialist
- Urban economist
- Energy manager
- ESG (Environmental, Social, Governance) analyst
- Environmental consultant
- Eco-innovation consultant
- Carbon neutrality consultant



ALUMNI CAREERS

Accenture SpA (multinational professional services company)

Alperia SpA (management of hydroelectric stations)

Arval BNP Paribas Group SpA (Banking Group)

Bayer Crop Science (Global Group in the field of Life Science, Agriculture and Health)

BIP SpA - Milano (International Consulting Company)

Bloom International School

Emmegi srl (Company that designs, produces and trades systems for machining profiles in aluminium, light alloy, PVC and steel)

Enel SpA (Multinational Energy Company)

Energika srl (Consulting Company in the field of energy and energetic efficiency)

Ernst & Young SpA (International Consulting Company)

ESG Data (Financial Technology Company)

Eurizon Capital SpA (Asset Management Company)

Food and Agriculture Organization of the United Nations

Herambiente SpA (Waste recovery and disposal company)

Merck Group SpA (International company in the field of Life Science, Healthcare and Performance Materials)

Protiviti - Energy & Utilities (International Consulting Company)

PricewaterhouseCoopers SpA - PwC (International Network for strategic consulting services)

Sfridoo srl (Startup in the field of Circular Economy)

SGR Servizi SpA (Energy Company)

SNAM SpA (Energy company)

Tecnalia Bilbao (Research & Innovation)



PLACEMENTS



**NATIONAL AND INTERNATIONAL
FIRMS AND CONSULTING AGENCIES**



GOVERNMENT AGENCIES



ENVIRONMENTAL AUDITING



PHD, RESEARCH



**NATIONAL AND INTERNATIONAL
RESEARCH CENTERS**



ENERGY MANAGEMENT



INTERNATIONAL RELATIONS

- Cooperation agreement with **Johns Hopkins-SAIS Bologna**
- **Erasmus+ for study**
- **Overseas**
- **Erasmus+ for traineeship**



International exchanges

ad hoc meetings organized by the
International Relations Office

campusrimini.relint@unibo.it



Erasmus for study – Possible exchanges for RESD students (1/2)

Last Call: January 2023

- IS REYKJAV01 - HÁSKÓLI ÍSLANDS - UNIVERSITY OF ICELAND
- N AS03 - Norwegian University of Life Sciences
- NL WAGENIN01 - Wageningen Universiteit
- D KIEL01 - CHRISTIAN-ALBRECHTS UNIVERSITÄT ZU KIEL
- D MUNCHEN02 - Technische Universität München
- LT KAUNAS02 - KAUNO TECHNOLOGIJOS UNIVERSITETAS - KAUNAS UNIVERSITY OF TECHNOLOGY
- LT VILNIUS01 - VILNIAUS UNIVERSITETAS - UNIVERSITY OF VILNIUS
- S UPPSALA02 - SLU - SWEDISH UNIV. OF AGRICULTURAL SCIENCES (**99 cfu already acquired, exchange 6 months for 30 credits → thesis in Environmental science and get degree in Sustainable Development → preparation abroad for final examination recognized and final defense in Rimini for RESD degree**)
- UK NORWICH01 - UNIVERSITY OF EAST ANGLIA
- D STUTTGA02 - Universität Hohenheim
- HU BUDAPES02 - BUDAPESTI MŰSZAKI
- ÉS GAZDASÁGTUDOMÁNYI EGYETEM - BUDAPEST UNIVERSITY OF TECHNOLOGY AND ECONOMICS
- D HEILBRO01 - HOCHSCHULE HEILBRONN
- N SANDVIK02 - HANDELSHØYSKOLEN BI - NORWEGIAN BUSINESS SCHOOL
- N ELVERUM02 - Inland Norway University of Applied Sciences (INN)
- S MIDSWED01 - MITTHÖGSKOLAN - MID SWEDEN UNIVERSITY
- TR ANTALYA01 - AKDENİZ ÜNİVERSİTESİ - AKDENİZ UNIVERSITY
- S FALUN01 - HÖGSKOLAN DALARNA E PALMA01 - Universitat de les Illes Balears
- A INNSBRU08 - MCI MANAGEMENT CENTER INNSBRUCK



Erasmus for study – Possible exchanges for RESD students (2/2)

Last Call: January 2023

- CH LUZERN14 - HOCHSCHULE LUZERN DK ROSKILD01 - Roskilde Universitetscenter
- P ACORES01 - UNIVERSIDADE DOS AÇORES
- EE TARTU02 - University of Tartu
- E LAS-PAL01 - Universidad de Las Palmas de Gran Canaria
- A WIEN78 - CEU GMBH Central European University
- E SANTIAGO01 - Universidade de Santiago de Compostela
- G THESSAL02 - PANEPISTHMIO MAKEDONIAS - UNIVERSITY OF MACEDONIA
- PL WARSZAW01 - UNIWERSYTET WARSZAWSKI - UNIVERSITY OF WARSAW
- TR ISTANBU11 - ISTANBUL BILGI UNIVERSITESI - ISTANBUL BILGI UNIVERSITY
- NL ENSCHED01 - Universiteit Twente - Paesi Bassi
- DK KOBENHA01 - Københavns Universitet - University of Copenhagen - Danimarca
- F MONTPEL54 - Université de Montpellier - Francia
- SF HELSINK01 - HELSINGIN YLIOPISTO - UNIVERSITY OF HELSINKI - Finlandia
- SF TAMPERE17 - Tampere University - Finlandia
- E MADRID05 - UNIVERSIDAD POLITÉCNICA DE MADRID - Spagna
- P LISBOA07 - Instituto Universitario de Lisboa (ISCTE-IUL) - Portogallo
- B NAMUR01 - Université de Namur - Belgio
- NL AMSTERD02 - VRIJE UNIVERSITEIT AMSTERDAM - Paesi Bassi

OTHER POSSIBILITIES WHEN YOU APPLY ON ALMARM



Overseas– Possible exchanges for RESD students

- Hong Kong Baptist University – China
- DICKINSON COLLEGE – USA
- Melbourne University - Australia
- Stellenbosch University – South Africa
- Vancouver and Montreal University - Canada

OTHER POSSIBILITIES WHEN YOU APPLY ON ALMARM



Erasmus for internship – Possible companies for RESD students

- Arte Viva B.V. – The Netherlands
- CSIC - Spain
- ENCON NV – Belgium
- Sustainable Innovation technology services Ltd - Ireland
- AgriPlace – The Netherlands
- Systemicsphere, Consultoria Económica Social e Ambiental Unipessoal Lda. – Portugal
- IrRADIARE, Lda – Portugal
- ECO INTELLIGENT GROWTH, S.L. – Spain
- MAYAVI 3.0 KFT - Hungary
- NOOSA S.A. - Belgium
- Planetgroups – Germany
- 360 Soluciones Cambio Climatico SLU – Spain



INTERNSHIPS AND SEMINARS

Internships in Italy and abroad

Internships for final dissertation in Italy and abroad

Seminars with Italian and international experts



Curricular Internship

RESD1

6 credits only - 150 hours (in addition to compulsory and electives courses)



66 credits in the first year and 54 in the second year

RESD2

6 or 12 credits – 150 or 300 hours (as free choice, in alternative to or together with courses)

Internship database of registered companies and host institutions worldwide (it is always possible to sign an internship agreement with a new company or institution). Deadlines 10th of each month for starting in the following month

www.resd.unibo.it - Studying – Curricular Internship



GRANTS

RESD offers grants for:

- curricular internships in Italy and abroad
- curricular internships for final examination (Italy, abroad)
- preparation for final examination abroad
- newly enrolled students (1 for each intake)
- deserving students (1st and 2nd year)
- STEAMgreen blog
- international conferences (EAERE)
- tutoring of the degree programme



Study trips

2014/15 MPA Sinis (Sardinia, Italy)

2015/16 MPA Sinis (Sardinia, Italy)

2016/17 – 2018/19 day trips

2019/20 none

2020/21 food/garden waste anaerobic digestion and composting plant (HERA, Rimini, Italy)

2021/22 Wastewater treatment plant (HERA, Rimini, Italy)

2022/23 MPA Sinis and onshore Wind farm (Sardinia, Italy)



ADMISSION

Call for applications

<https://corsi.unibo.it/2cycle/ResourceEconomicsSustainableDevelopment/how-to-enrol>

	APPLICATIONS OPENING	APPLICATIONS DEADLINE	RESULTS
Intake 1	13/02/2023	4/04/2023	3/05/2023
Intake 2	15/05/2023	13/6/2023	11/07/2023
Intake 3*	18/07/2023	23/08/2023	07/09/2023

- Online application: **declaration (skills, competences, other relevant information) and uploading of CV + presentation letter + reference letter + transcript of records + passport/ID**
- **Evaluation of academic merit**, coherence of first cycle degree and RESD objectives, motivation, curriculum vitae (minimum score to be admitted 70 /100)
- **English knowledge B2** (optional when applying, but certificate necessary before lessons start)
- **One grant € 5.000 gross for each intake** for newly enrolled students with 80 points
- Enrolment: July - November 2023
- Fees: up to € 2.550 depending on the family income or nationality; possibilities of grants and subsidies.



CONTACTS

- RESD PROGRAMME DIRECTOR
Anna Montini: anna.montini@unibo.it
- RESD PROGRAMME COORDINATOR
Ilaria Tamburini: cldm.resd@unibo.it
- RESD PROGRAMME TUTOR
ems.rn.tutorresd@unibo.it

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