



**DOTTORATO / PhD  
in  
CIRCULAR ECONOMY**

<b>IN BREVE</b>		<b>IN A NUTSHELL</b>	
<b>Tematiche di ricerca</b>	<b>CURRICULUM: Economics &amp; Circular Economy</b>	<b>Lines of research</b>	<b>CURRICULUM: Economics &amp; Circular Economy</b>
	1 Circular Economy		1 Circular Economy
	2 Resource and Environmental Economics		2 Resource and Environmental Economics
	3 Inter and Intra-Generational Conflicts and Resource Use		3 Inter and Intra-Generational Conflicts and Resource Use
	4 Economic Evaluation of Externalities and Environmental Damage		4 Economic Evaluation of Externalities and Environmental Damage
	5 Willingness to Pay		5 Willingness to Pay
	6 Energy Economics, with Special Reference to Renewable Energy Sources		6 Energy Economics, with Special Reference to Renewable Energy Sources
	7 Sustainable Mobility, Decarbonizing Transport		7 Sustainable Mobility, Decarbonizing Transport
	8 Impact of Green Deal on the Industrial System		8 Impact of Green Deal on the Industrial System
	9 Effectiveness of Fiscal Policies (Optimal Thresholds for Public Debt and Spending) in Presence of Non-Renewable Resources		9 Effectiveness of Fiscal Policies (Optimal Thresholds for Public Debt and Spending) in Presence of Non-Renewable Resources
	10 Sustainable Agri-Food System and Food Waste		10 Sustainable Agri-Food System and Food Waste



**CURRICULUM: Circular Business Models**

- 1 Sustainable Strategies
- 2 Innovability
- 3 Circular Business Model
- 4 Supply Chain Sustainability
- 5 Environmental, Social, Governance Scores (ESG)
- 6 Non-Financial Disclosure
- 7 GRI Standards
- 8 Mindful and Sustainable Consumption
- 9 Integrated Reporting
- 10 Green Advertising

**CURRICULUM: Statistical and Quantitative Methods for Sustainability and Risk Assessment**

- 1 Fair Pricing of Life and Non-Life Insurance Contracts
- 2 Mortality Modelling

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Area dei Servizi istituzionali  
Unità di staff Dottorati di ricerca

	3 Catastrophe, Climate and Environmental Risk Modelling		3 Catastrophe, Climate and Environmental Risk Modelling
	4 Insurance De-Risking		4 Insurance De-Risking
	5 Responsible Investing and ESG Portfolios		5 Responsible Investing and ESG Portfolios
	6 Statistical Models for the Analysis of Climate and Weather Events		6 Statistical Models for the Analysis of Climate and Weather Events
	7 Multivariate Dependence Modelling of Extremes in Environmental Applications		7 Multivariate Dependence Modelling of Extremes in Environmental Applications
	8 Supervised and Unsupervised Statistical Learning Techniques for Environmental Risk Assessment and Management		8 Supervised and Unsupervised Statistical Learning Techniques for Environmental Risk Assessment and Management
	9 Statistical Methods for Investigating Sustainable Energy Systems		9 Statistical Methods for Investigating Sustainable Energy Systems
	10 Sustainability Indicators		10 Sustainability Indicators
<b>Sede amministrativa</b>	Università degli Studi di Trieste	<b>Managing university</b>	University of Trieste
<b>Dipartimento sede gestionale</b>	<a href="#">Dipartimento di Scienze Economiche, Aziendali, Matematiche e Statistiche "Bruno de Finetti"</a>	<b>Organizing Department</b>	<a href="#">Department of Economic, Business, Mathematical and Statistical Sciences "Bruno de Finetti"</a>
<b>Durata</b>	3 anni (36 mesi)	<b>Duration</b>	3 years (36 months)
<b>Lingua ufficiale</b>	Inglese	<b>Official language</b>	English
<b>Dati identificativi</b>	Area, Macrosettore, Settore Scientifico Disciplinare (SSD), European Research Council: <a href="#">link</a>	<b>Identification data</b>	Subject Areas, Macro Research Fields, Scientific Disciplinary Sectors, European Research Council: <a href="#">link</a>

**CHI SIAMO**

**ABOUT US**



# UNIVERSITÀ DEGLI STUDI DI TRIESTE

Area dei Servizi istituzionali  
Unità di staff Dottorati di ricerca

<b>Coordinatore</b> Prof. <a href="#">Guido Bortoluzzi</a>	<b>Coordinator</b> Prof. <a href="#">Guido Bortoluzzi</a>
<b>Vice-coordinatore</b> Prof. <a href="#">Pietro Millosovich</a>	<b>Deputy Coordinator</b> Prof. <a href="#">Pietro Millosovich</a>
<a href="#">Collegio dei docenti</a>	<a href="#">PhD Academic Board</a>
<a href="#">Website</a>	<a href="#">Website</a>
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DESCRIZIONE E OBIETTIVI DEL CORSO	COURSE DESCRIPTION AND OBJECTIVES
<p>Il corso di dottorato in <b>Circular Economy UniTS (CE.TS)</b> è un dottorato di nuova attivazione, di durata <b>triennale</b>, interamente organizzato in <b>lingua inglese</b>. Esso mira a creare degli esperti che contribuiscano all'avanzamento dei saperi scientifici in vari settori ed aree disciplinari attraverso il corretto utilizzo di metodologie e metodi della ricerca economico-sociale. Settori ed aree disciplinari unite da un denominatore comune: quello del <b>paradigma della Circular Economy</b>.</p> <p>Il dottorato è organizzato in tre curricula: un curriculum economico (<b>Economics &amp; Circular Economy</b>), un curriculum aziendale (<b>Circular Business Models</b>) ed un curriculum statistico-attuariale (<b>Statistical and Quantitative Methods for Sustainability and Risk Assessment</b>). Esso prevede una prima parte di formazione epistemologica e metodologica comune ai tre curricula che ha <b>l'obiettivo di fornire solide basi metodologiche</b> agli studenti oltre che ad <b>istruirli al corretto disegno di una ricerca scientifica</b>. Il percorso degli studenti si differenzia quindi nei percorsi di specializzazione sopra descritti (curriculum). All'interno di ciascun curriculum, gli studenti dovranno dapprima confrontarsi con dei corsi caratterizzanti dal contenuto fortemente teorico che hanno <b>l'obiettivo di consolidare le loro conoscenze relativamente alle teorie, ai modelli e ai paradigmi fondanti</b> delle rispettive discipline. Una volta completata la formativa "orizzontale", ciascuno studente potrà perfezionare il suo percorso formativo in maniera "verticale" e <b>modulare attorno alle specifiche aree e tematiche di ricerca di proprio interesse</b>. Il dottorato CE.TS nasce pertanto con una <b>struttura formativa particolarmente innovativa</b> ed una forte apertura agli</p>	<p>The PhD course in <b>Circular Economy UniTS (CE.TS)</b> is a newly activated <b>three-year doctorate</b>, entirely organized in <b>English</b>. It aims to create experts who contribute to the advancement of scientific knowledge in various sectors and disciplinary areas through the correct use of methodologies and methods of economic and social research. The sectors and disciplinary areas are joint by a common denominator: <b>the Circular Economy paradigm</b>.</p> <p>The doctorate is organized in three curricula: an economics curriculum (<b>Economics &amp; Circular Economy</b>), a managerial curriculum (<b>Circular Business Models</b>) and a statistical-actuarial curriculum (<b>Statistical and Quantitative Methods for Sustainability and Risk Assessment</b>). The PhD is organized as follows: in the first part that is common to the three curricula students receive <b>epistemological and methodological education</b> with the aim to <b>develop solid methodological and research design foundations</b>. Students then start following different paths according to the curriculum they belong to. Within each curriculum, students first receive education about the theoretical groundings of each disciplinary area with the aim to <b>consolidate their knowledge about the theories, the models and the main paradigms that are proper of their disciplines</b>. Once such "horizontal" training has been completed, each student will be able to complete his/her training in a "vertical" and modular way by adding additional courses around <b>his/her specific research areas and research topics</b>. The CE.TS PhD program is endowed with a particularly <b>innovative training structure</b> and a <b>strong openness to the territorial stakeholders</b> (companies,</p>



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<p><b>stakeholder territoriali di riferimento</b> (aziende, enti pubblici ed associativi, centri di ricerca) dai quali intende essere supportato attraverso il conferimento di borse di dottorato (anche di natura industriale) e con i quali instaurare delle relazioni di lungo termine mutuamente soddisfacenti. I dottorato CE.TS si propone come un <b>dottorato aperto ed internazionale</b>: nella lingua, nel collegio, nel corpo docente e nei partecipanti.</p>	<p>public bodies and associations, research centers) from which it intends to be supported through doctoral scholarships (including industrial scholarships) and with whom it intends to establish long-lasting relationships of mutual satisfaction. While relying on this “local” network, the CE.TS PhD course is also an <b>open and international doctorate</b>: for the language used, for the board of lecturers and for the participants.</p>
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<b>SBOCCHI OCCUPAZIONALI E PROFESSIONALI PREVISTI</b>	<b>JOB PLACEMENT OPPORTUNITIES</b>
<p>Il corso di dottorato in Circular Economy UniTS (CE.TS) mira a formare degli esperti che possano contribuire allo sviluppo del dibattito scientifico ma anche delle politiche pubbliche e delle strategie aziendali relative al paradigma dell'economia circolare. In particolare, gli studenti maggiormente orientati ad una carriera accademica troveranno nel dottorato CE.TS uno strumento idoneo al fine di accelerare la loro carriera accademica a livello internazionale al fine di potersi poi inserire nell'organico di università di elevato standing a livello internazionale. Gli studenti maggiormente orientati alla carriera aziendale (inclusi gli studenti provenienti da un percorso di dottorato industriale) troveranno nel dottorato CE.TS uno strumento utile a fornire loro delle solide basi metodologiche e teoriche necessarie a prendere decisioni strategiche o relative a politiche di supporto che siano scientificamente fondate.</p>	<p>The PhD course in Circular Economy UniTS (CE.TS) aims to train experts who can contribute to the development of the scientific debate but also to contribute to public policies and corporate strategies related to the paradigm of the circular economy. In particular, students who are more oriented towards an academic career will find in the CE.TS doctorate a suitable vehicle for accelerating their academic career at an international level. This in order to be hired by universities of high standing at the global level. The students who are more oriented towards a business career (including students from an industrial PhD course) will find in the CE.TS PhD a place that will provide them with solid methodological and theoretical foundations needed to take strategic decisions or to define support policies which are scientifically grounded.</p>

<b>PRINCIPALI COLLABORAZIONI CON ATENEI E CENTRI DI RICERCA INTERNAZIONALI MAIN COOPERATING INTERNATIONAL UNIVERSITIES AND RESEARCH INSTITUTIONS</b>
1 University of Ljubljana - School of Economics and Business, Slovenia
2 Business School - Edimburgh Napier University, United Kingdom
3 Brunel University, United Kingdom
4 Bayes Business School, United Kingdom
5 University of Orleans, France