

## WP 4 Master - Professional training program(s)

# “Managing Sustainable Development and Trans-border Cooperation”

- Level manager (Diploma) – 60 ECTS, or equivalent to CLAR
- Level expert (Certificado) – 30 ECTS, or equivalent to CLAR

**BsAs, 9 March 2020**

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Mednarodna fakulteta  
za družbene in poslovne študije  
International School  
for Social and Business Studies  
Celje · Slovenia · Europe



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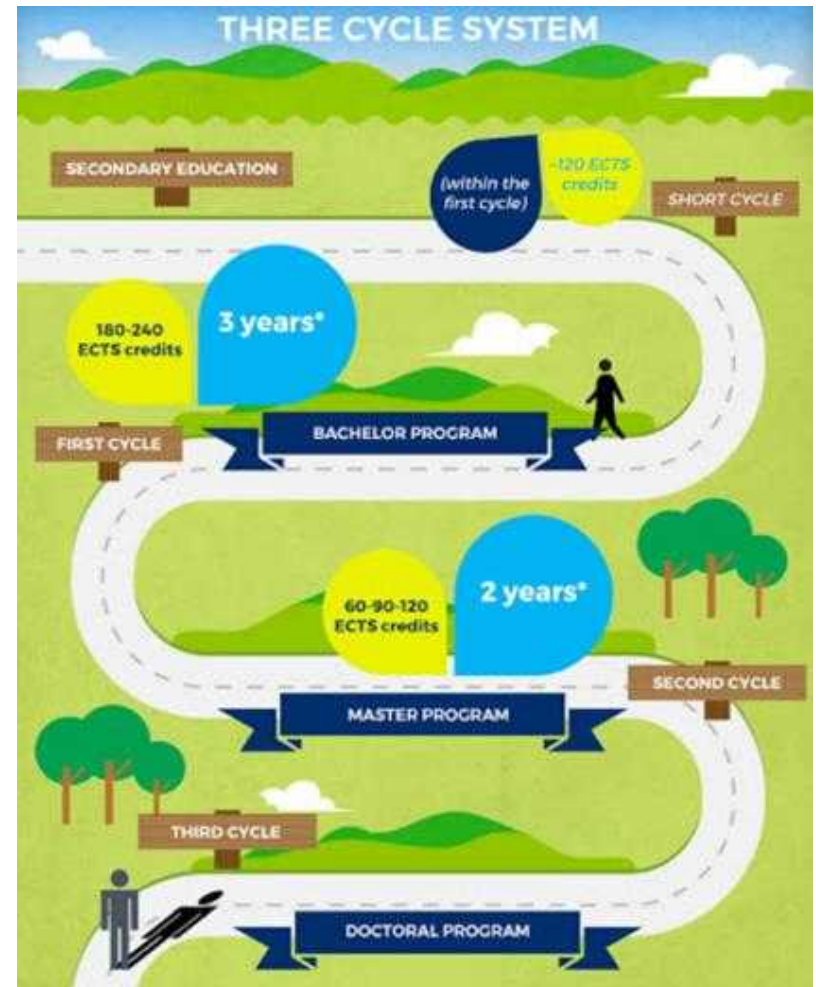
# ISSBS, Slovenia, EU

- UE, Eslovenia, Celje
- 450 alumnos, 50 profesores y investigadores
- 5 carreras (grado, posgrado, PhD)
- Proyectos de investigación y desarrollo
- Conferencias internacionales
- La editorial y publicaciones de revistas científicas, libros, etc.



# About the presentation

1. WP 4 - **The process** of developing the NUCIF study program
2. **The study program syllabus**
3. **The institucionalisation** of the program
4. **What we achieved, learned and further developments**



## WP 4 - Development - Design and institutionalization of a Master

**Titled: “Transborder Cooperation” (Cooperación territorial transfronteriza)**

***Main Activities:***

- T.4.1 Master planning
- T.4.2 Master institutionalization

***Deliverables and outputs:***

- 4.1 Master Training Program
- 4.2 Formal creation Acts of the Master

***Main indicators:***

8 LA partner Universities implement the Master

### **The relations between WP 4 and other WPs**

***WP 3 – CLAR*** (credit system for Latin America) *CLAR* is under development, we are using ECTS, it will be translated into CLAR

***WP 2 – training related to Bologna trends and cooperation,*** ISSBS developed 4 trainings (WP 2) in the area of HE and cooperation, see NUCIF platform.

***WP2 – trainings related to KH focus,*** several trainings were developed in the area of 4 KHs – now are courses in the study program.

## WP 4 - Argentina HE system, legislation and Bologna master

Master is called **maestria**, and only universities can do this program. They also have specialisation as part of the postgraduate level.

### ***There are three bodies involved in the accreditation***

- ministry,
- a sort of a board of practitioners, and
- an accreditation agency
- and the accreditation process takes more than one year.

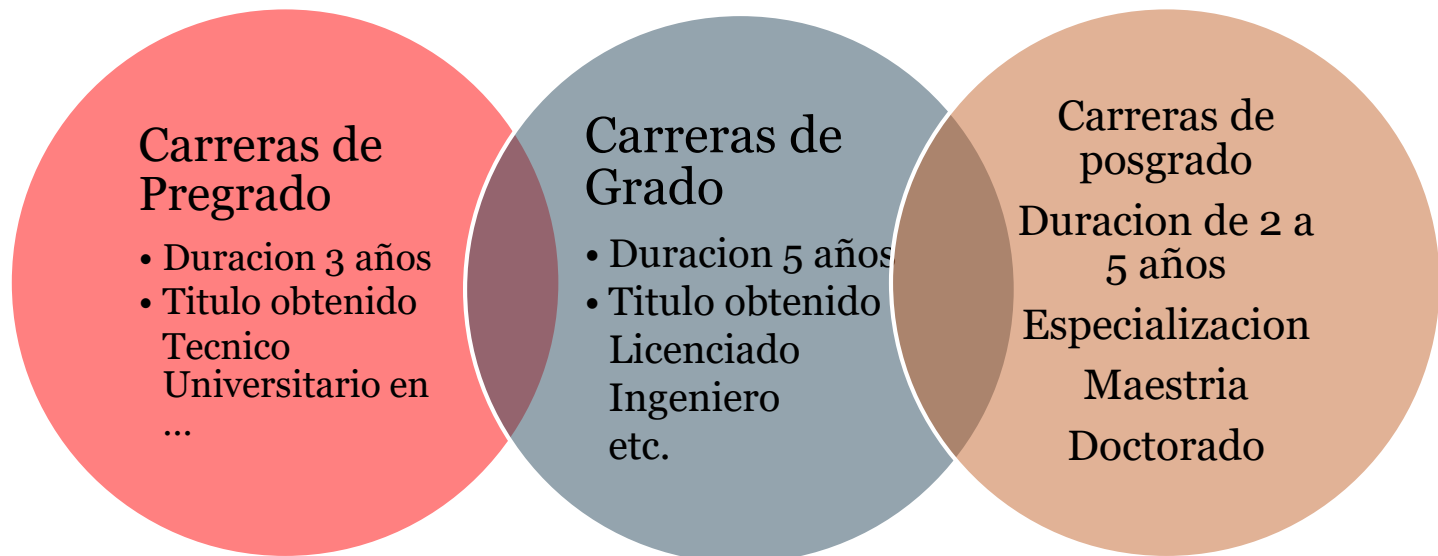
### ***Conclusions:***

- The EU - bologna master (3+2, 4+1) does not fit in the Argentinian system.
- Approval of professional training course is possible at the level of the university.
- The credits from the professional program could be transferred to degree study programs.

# PROBLEMAS (identified 1.4.2019, Chile conference)

## Sistema educativo en América Latina

- Para poder realizar una carrera de posgrado en la mayoría de los países de América Latina es requisito obligatorio poseer un título de grado de al menos 5 años de cursado.
- Los títulos de pregrado como tecnicaturas no pueden realizar ninguna carrera de posgrado.
- Los títulos terciarios y secundarios tampoco pueden acceder a una carrera de posgrado.
- CLAR??



## Bologna master (2 years – 120 ECTS) – structure, discussed in SLO Oct 2018 and in Chile 1.4.2019

Año	Módulo/cursos sobre
1st/1 (30 ECTS)	La cooperación transfronteriza y la internacionalización (Económico, político, social, ... aspectos).
1st/2 (30 ECTS)	La educación superior y mecanismos en apoyo de la cooperación (triángulo del conocimiento, la movilidad, el sistema crediticio (CLAR - ECTS - ...), reconocimiento, ....
2 /1 (30 ECTS)	<b>Modul</b> (NUCIF KnowledgeHubs electiva): <ul style="list-style-type: none"><li>• Agrolimentare y agroindustria</li><li>• Economía circular</li><li>• Cambio climático y Medio Ambiente</li><li>• Turismo Sustentable</li><li>• +++</li></ul>
2 /2 (30 ECTS)	Tesis

# Professional training „diplomado“ (1 years – 60 ECTS) – structure, discussed in Chile 1.4.2019

**Formación profesional:** Los alumnos que hará parte del programa de estudios recibirán:

**Diploma de cooperación transfronteriza** (60 ECTS)

**Certificado** en la cooperación transfronteriza (24 ECTS)

**Certificado** en los estudios especializados/modules – KH (24 ECTS)

**Single courses** – part of elective courses in master programs

Tipo de estudios	No .	Curso	ECTS
Estudios obligatorios	1	El <u>pensamiento teórico</u> y el <u>desarrollo sostenible</u> ,	6
	2	La <u>cooperación internacional</u> y <u>transfronteriza</u>	6
	3	Movilización sustentable y el desarrollo comunitario en un contexto Rural-Urban	6
	4	<u>Redes de innovación</u> , el <u>espíritu empresarial</u> y la I+D: <u>triángulo del conocimiento</u> - La <u>cooperación</u> entre <u>universidades</u> y <u>empresas</u>	6
Estudios especializados/modules	5	4 cursos por KH	6
	6		6
	7		6
	8		6
Estudios elect. (con Trabajo final)	9	Metodología de la investigación en ciencias <u>sociales</u> . Proyecto: <u>investigación aplicada</u>	6
	10	.... <u>Otros electivos</u>	6
		<b>Total</b>	<b>60</b>



# Professional training „diplomado“ (1 years – 60 ECTS) – structure, discussed in Bari 28.10. 2019

## Field of the study

### ISCED

34 Business and administration (the main field)

### FRASCATI

Social sciences

## Compulsory elements of each course - syllabus

Title of the course
Responsible teacher
Content (6-8 topics)
References (3-5 units)

Type of courses	No	Course <b>Note: each course can be offered (as electives) to master students in LA (or EU) universities:</b>	ECTS
Compulsory courses <sup>2</sup>	1	Theoretical thinking: Sustainable development	6
	2	International and <u>transborder</u> cooperation	6
	3	Sustainable local mobilisation and community development in a rural-urban context	6
	4	Innovation networking, entrepreneurship and R&D: Knowledge triangle - cooperation between universities and business	6
Specialised elective modules (student chose one module, min 4 courses)	5	<b>Four modules are developed around the KHs areas:</b> <ul style="list-style-type: none"> <li>– agroindustry,</li> <li>– environment and climate change,</li> <li>– sustainable tourism and cultural property,</li> <li>– circular economy,</li> </ul> <b>and the student could deepen and expand knowledge in sustainable development and <u>transborder</u> cooperation ... and other areas could be developed later.</b> <b>EACH module consist of 4 courses.</b>	6
	6		6
	7		6
	8		6
Elective courses (2 courses)	9	Students could choose elective course(s) from <ul style="list-style-type: none"> <li>– their module</li> <li>– other modules</li> <li>– table of electives</li> </ul>	6
	10		6
<b>Total</b>			<b>60</b>

**As an alternative, a student could also choose the Master thesis and research methodology course instead of two electives.**

Master's Thesis (elective)	9 / 10	<b>Master's thesis (Project – applied research)</b> For those students who chose as an elective unit, the Master Thesis is compulsory to choose as elective the <b>research methodology course</b>	6 + 6
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# Professional training program(s) “Managing Sustainable Development and Trans-border Cooperation” (Nov. 2019)

- **Level manager** (Diploma) – 60 ECTS, or equivalent to CLAR
- **Level expert** (Certificado) – 30 ECTS, or equivalent to CLAR

Type of the program	Level – manager			Level - expert		
Type of learning units	Number of units	Number of ECTS	(%)	Number of units	Number of ECTS	(%)
<b>COMPULSORY COURSES (6 ECTS)</b> Scope of the courses:						
• <b>management and sustainability</b>	4	24	40	2	12	40
• <b>management and cooperation</b>						
• <b>trans-border cooperation</b>						
• <b>entrepreneurship and innovation</b>						
<b>ELECTIVE COURSESS (3 ECTS)</b> A student chooses the courses from a minimum of two modules. <b>Scope of courses (4 KHs' areas):</b>						
• <b>agroindustry</b>	6	18	30	3	9	30
• <b>environment and climate change</b>						
• <b>sustainable tourism and cultural heritage</b>						
• <b>circular economy</b>						
<b>COMPULSORY INTERNSHIP with final thesis</b> internship in the duration of 4 (expert) or 9 (manager) weeks, final thesis (project related to training) in included	1 (9 w)	18	30	1 (4 w)	9	30
<b>Total</b>	9	60	100	5	30	100

### 3.1.1 Professional training program: Level – manager

Type of courses	No.	Courses	ECTS
<b>Compulsory courses (4)</b>	SD&TC-1	• Management and sustainability	6
	SD&TC-2	• Management and cooperation	6
	SD&TC-3	• Trans-border cooperation	6
	SD&TC-4	• Entrepreneurship and Innovation	6
<b>Elective courses from KHs (6)</b>	E-1	<b>6 courses</b> <b>from a minimum of two modules (KHs)</b> <ul style="list-style-type: none"> <li>• Agroindustry (AI)</li> <li>• Environment and climate change (E&amp;CC)</li> <li>• Sustainable tourism and cultural heritage (ST&amp;CH)</li> <li>• Circular economy (CE)</li> </ul>	3
	E-2		3
	E-3		3
	E-4		3
	E-5		3
	E-6		3
<b>Compulsory internship with final thesis</b>	TS&FT	<u>internship</u> in the duration of 9 weeks, <u>final thesis</u> (project related to training) is included	18
<b>Total ECTS</b>			<b>60</b>

**Level manager**  
(Diploma) –  
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### 3.1.2 Professional training program: Level – expert

Type of courses	No.	Courses	ECTS
<b>Compulsory courses (2)</b>	SD&TC-1	• Management and sustainability	6
	SD&TC-3	• Trans-border cooperation	6
<b>Elective courses from KHs (3)</b>	E-1	<b>3 courses</b> <b>from a minimum of two modules (KHs)</b>	3
	E-2		3
	E-3		3
<b>Compulsory internship with final thesis</b>	TS&FT	<u>internship</u> in the duration of 4 weeks, <u>final thesis</u> (project related to training) is included	9
<b>Total ECTS</b>			<b>30</b>

**Level expert**  
(Certificado) –  
30 ECTS,  
or  
equiv. to CLAR

## **The academic discussions – Nov 2019 – Feb 2020 toward the institutionalisation of the study program(s)**

The partners were asked to **work in the teams grouped around KHs** to

- develop min 4 courses in their KH area,
- to give comments and their views on the program and possible implementation
- do discuss the program at university academic bodies **and keep the EVIDENCES of those meetings (with academics, students, professionals).**

It was explained that **NUCIF WP4 has to be seen as “a program development in progress”**, where the partners discussed the bologna principles in the structure and cooperate in the development of one program - contents of 4 KHs (modules).

**This program(s) could be later developed** by each university and offered to the students and professionals in the LA countries. Before the implementation phase, many works needs to be done: for example, for each course, a responsible teacher (one or more) has to be nominated, objectives of the course and the basic study materials have to be developed.

Until now, we received the evidences of discussion on academic bodies from two universities – **it could be stated that the process of institutionalisation started:**

- Bolivia, Universidad Autonoma “Juan Misael Saracho”, Tarija
- Chile, Universidad Arturo Prat, Santiago de Chile

# Process of institutionalising the proposed NUCIF program – the case of Tomas Frias University from Bolivia

Tomas Frias University provided **some more detailed evidences from the discussion at the academic board** at their university, the suggestions are summarised below.

- They recognised **the program as a good basis to continue the process of developing** a licensing master's program with and Patras University.
- **They have a large teaching faculty with PhD** in the majority of the area covered by the program, especially in the Environmental Sciences.
- They will probably offer the proposed NUCIF program **to their master students (as elective courses)**. They have 5 professional licensing curricula that would be promoted through KHs - enabled programs: environ. engineering, agronomy, aquatic resource engineering, economics, languages and tourism.
- They will **offer the program to professionals in the region** (both levels – manager and expert) and single courses if there will be the interest – as a form of continuing education. At their university, they have an academic department of continuing education.
- From the quick inquiry, they identified **app 40 potential participants** for professional training program and they stated that **a market study needs to be done**.
- They are aware that **online execution** of some courses or full program **could attract students from all 8 universities** – project partners in NUCIF and strengthen the cooperation among universities.
- They found the **content of the courses and both programs relevant to the region**, because of the strategic interest in the region, the relevance and internationalization of the learning/teaching processes.
- They suggest as the most appropriate way to **implement the program in blended mode**, online for learning and live for the practical part.
- They concluded that they would appreciate **to deliver a joint program, where also the European university will issue the degree**. Such program could attract more participants; it would mean academic value, experience, technological advancement, scientific knowledge...

# What we achieved, learned and further developments

End of 2018 - **developing and accrediting a master degree program in the lifetime of the NUCIF project was not realistic**, nor is this the fundamental purpose of the NUCIF CBHE project. After studying the HE legislation in LA (Argentina), discussing it at a conference in Chile (April 2019), we decided to create **a professional training program, a non-degree study program**. At the meeting in Bari (Oct 2019), we developed **the program at two levels (manager, expert)**.

It is important that **all partners participate in the program development**, some of them more, others a little less, and the cooperation on higher education topics, such as development of the study program under the principles of Bologna process (following the structure, the credit system, the Quality assurance principles, ...), is one of the goals of the CBHE program. **We have achieved a degree of collaboration and awareness among partners, so that they can develop together a study program, which could be offered to their students and to the students of others universities, the whole program or just part of it could be offered face-to-face or on-line.**

The final version of **the program was recognised as a good basis for further development of a joint master** or to develop/upgrade this program at each university around his or her own KH content. The proposed **program is very flexible and a single courses could be also offered as elective courses** in the other accredited master programs that universities are running.

## Conclusion – reflection on work WP 4 – the process matters

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