

SWOT analysis of the Curricula (Workpackage 1):

GAVAR STATE UNIVERSITY (GSU), ARMENIA

2-Climate Engineering/Environmental Sciences

Please fill out SWOT analysis of the Curricula offered by your university (Workpackage 1): critical analysis of the existing Curricula in your university in order to achieve objectives listed above:

Analysis		Internal origin		External origin	
		STRENGTHS Helpful to achieving the objective	WEAKNESSES Harmful to achieve the objective	OPPORTUNITIES Helpful to achieving the objective	THREATS Harmful to achieve the objective
Course content	Master degree	There is licensing in action as well as curricula, academic staff and subject plans	Literature, lack of practical work management and IT new devices	Collaboration with other universities, exchange programmes	Joint programming, interchange of methodological provision between the partners.
	PhD degree	It is planned to have curricula and educational program in the future	There are researchers who work in GSU but are registered as PHD in other universities.	Is expected to plan in the future	There is not any, there is a need for joint curricula
Duration, months	Master degree	2 years /24months/ Is experienced and productive	-	It is necessary to study the experience of foreign countries	Is not found
	PhD degree	-	-	-	-
Number of credits, ECTS	Master degree	120	-	It is necessary to study the experience of foreign countries	Is not found
	PhD degree	-	-	-	-

Please fill out this table in order to analyze the procedure that RETHINK Project needs to follow for the accreditation of a new Joint Degrees

Accreditation of Joint Degree on the national level	
Name of institution responsible for the accreditation of a Joint Degree	First of all it is necessary to get a curriculum license by the Ministry of Education and Science of Armenia. Armenian universities have not passed accreditation. There is a separate accreditation body, which is planning to carry out the pilot phase for accreditation of higher education institutions from 2014, September.
Requested documents for the accreditation of a Joint Degree	<p>License requirements are:</p> <ol style="list-style-type: none"> 1. University state certificate 2. The list of lecturers 3. Curricula 4. Reference of university area 5. Reference about estate 6. The application of putting the curriculum in action 7. Reference about laboratory and other facilities. 8. Certificate from the tax body as a taxpayer. <p>To apply to the accreditation body the documents are not clarified yet.</p>
Procedure for the accreditation of a Joint Degree	The license documents are given to the respective state body and after getting license curricula will be developed with its proper requirements and a given department will begin its activities.
Expected duration for the accreditation process to be completed	License process lasts 3-4 months, so it is too early to speak about the accreditation process

INTRODUCTION

From the Regional Priorities list - for the Eastern Neighboring Area (ENPI East) - the ENVIRONMENT was the selected priority for the RETHINK project; however, the underlying theme of the RETHINK project is new, because it is ENVIRONMENT and SUSTAINABILITY are intertwined with BUSINESS and EDUCATION.

The RETHINK project encompasses these two themes, and also integrates the concept of the knowledge triangle “education/research/innovation” from an environmentally sustainable perspective. The project RETHINK intends to rethink the curricula of the partner HEIs -in the priority area of ENVIRONMENT- through the development of innovative Joint (Masters and PhD) Degrees in the fields of

- 1 - Architecture, Urban planning and
- 2-Climate Engineering/Environmental Sciences

The RETHINK project intends to overcome some of the needs that were listed by the RETHINK's Eastern Partner Countries:

- The need to understand the impact of Green House Gas emissions' on the Biosphere;
- The need to develop curricula on sustainability based on a transdisciplinary framework.
- The need to know and to apply ecologic solutions to environmental problems.

The expected results will be the:

- Development of a new Joint (Masters and PhD) Degrees in the fields of
 - 1- Architecture/Urban planning and
 - 2- 2- Climate engineering/Environmental Sciences.
- Establishment of a CO2 accounting approach as an indicator of sustainability.
- Knowledge exchange.
- Teacher training.
- Development of teaching materials.
- Promotion of business start-ups.
- Development of mutually agreed standards of quality of education.
- Dissemination of outcomes (sharing of teaching materials and results).