

# **Tuning Middle East and North Africa**

## **T-MEDA**

### **Fourth General Meeting**

## **Designing and Enhancing**

**Pablo Beneitone and Ivan Dyukarev**

Malta, 28 September 2015

**ENHANCING**

**CONSULTING**

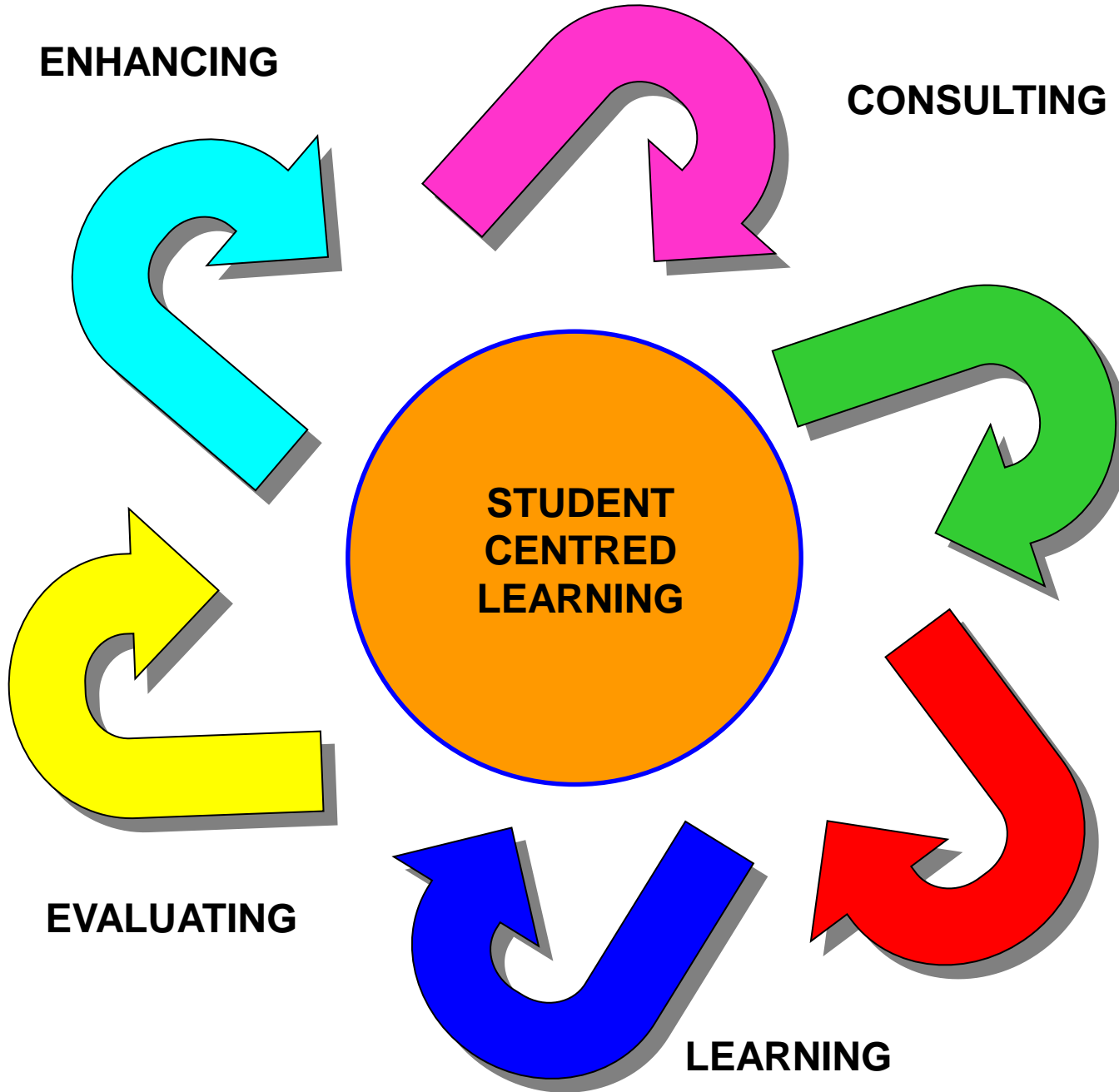
**PROFILING**

**DESIGNING**

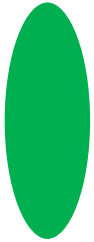
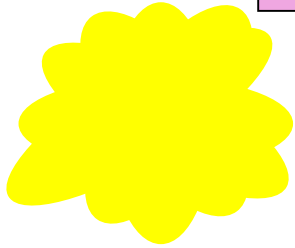
**LEARNING**

**EVALUATING**

**STUDENT  
CENTRED  
LEARNING**



# Key elements



Year	Semester	Course/Module	Credits
1	1st Semester	Agricultural Chemistry and Soil Science	6
		Animal Production Principles and Techniques	6
	2nd Semester	Agri-robotics and Information Technology	6
		Agri-robotics, Environment and Systems	6
		Agri-robotics and Information Technology	6
		Agri-robotics and Information Technology	6
2	3rd Semester	Agri-robotics and Information Technology	6
		Agri-robotics and Information Technology	6
	4th Semester	Agri-robotics and Information Technology	6
		Agri-robotics and Information Technology	6
		Agri-robotics and Information Technology	6
		Agri-robotics and Information Technology	6
3	5th Semester	Agri-robotics and Information Technology	6
		Agri-robotics and Information Technology	6
	6th Semester	Agri-robotics and Information Technology	6
		Agri-robotics and Information Technology	6
		Agri-robotics and Information Technology	6
		Agri-robotics and Information Technology	6

**KC**

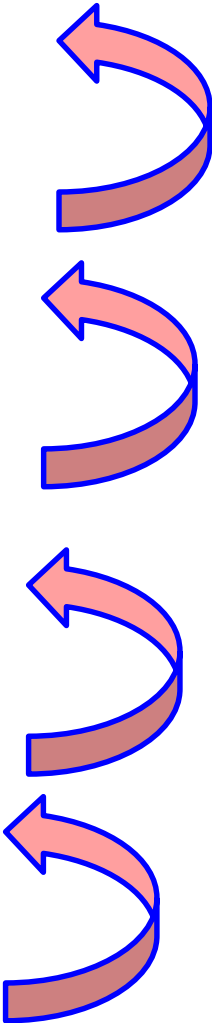
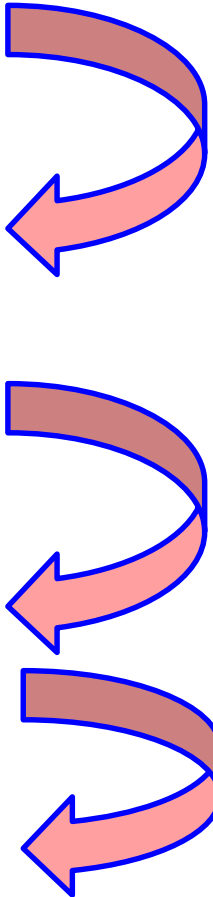
**Meta profile**

**Degree profile**

**Programme**

**Key Competences**

**LEARNING OUTCOMES**



**Task done (from Nicosia to Valleta)**

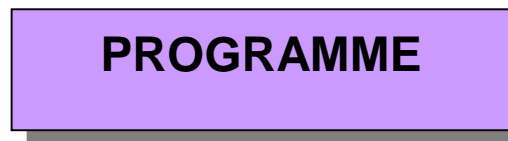
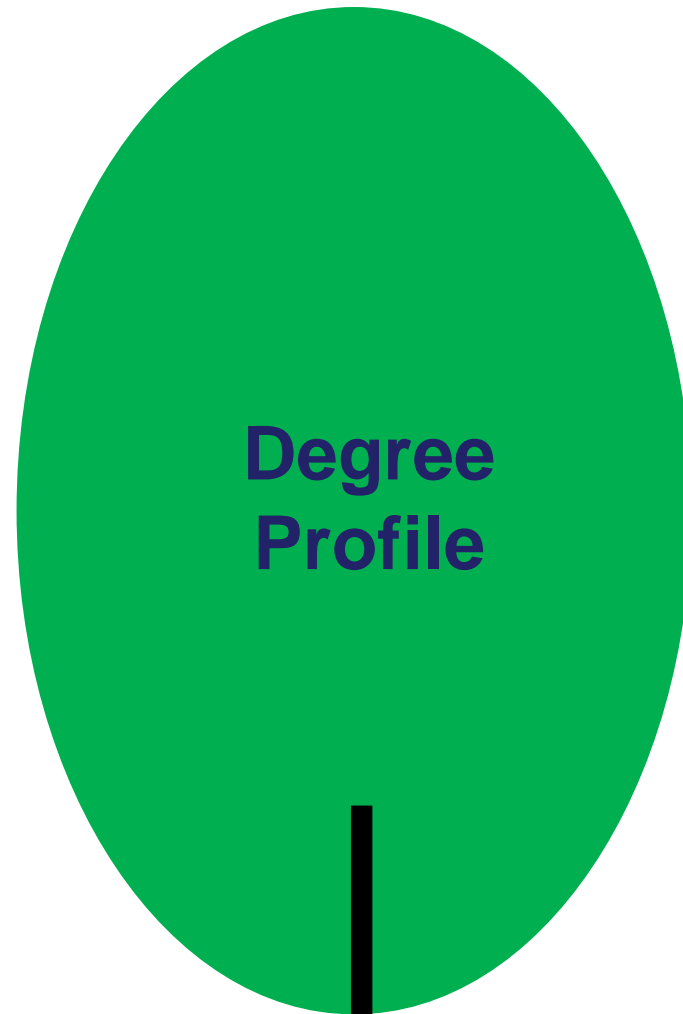
**Elaboration of Degree Profile and Programme**



**Degree profile**

**a) Elaboration of a Degree Profile:**

- General Description**
- Explanation of the link to the meta-profile**
- Context, social needs, purpose and university strengths**
- Occupations and the potential fields / sectors for the employment of graduates**



## Task done (from Cyprus to Malta)

### Elaboration of Degree Profile and Programme



Year	Semester	Course/Module	Credits
1	1st Semester	Agricultural Chemistry and Soil Science	6
		Animal Production: Principles and Technology	6
		Genetics and Pedigree Analysis	6
		Plant Breeding and Pedigree Analysis	6
		Plant Production: Principles and Technology	6
2	2nd Semester	Animal Production: Principles and Technology	6
		Animal Production: Principles and Technology	6
		Animal Production: Principles and Technology	6
		Animal Production: Principles and Technology	6
		Animal Production: Principles and Technology	6
3	3rd Semester	Animal Production: Principles and Technology	6
		Animal Production: Principles and Technology	6
		Animal Production: Principles and Technology	6
		Animal Production: Principles and Technology	6
		Animal Production: Principles and Technology	6

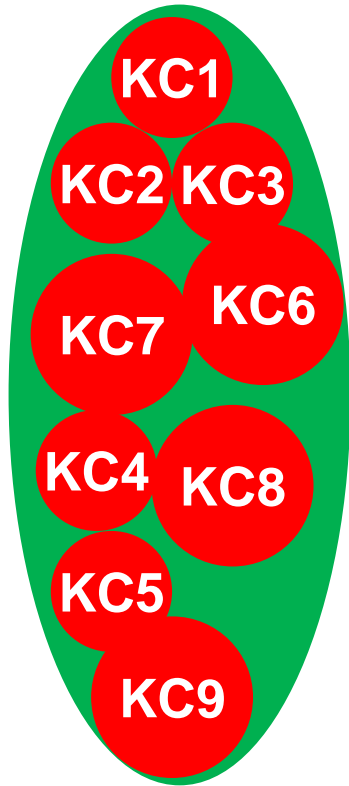
**Degree profile**

**Programme**

#### b) Elaboration of a Programme:

- Description of the courses/units (plan of studies)
- Length
- Key Competences
- Learning outcomes
- Consistency between profile, programme, competences and learning outcomes

# Elaboration of a Programme



Year	Semester	Course/Module
1	1st Semester	Agricultural Chemistry and Soil Science
		Animal Production: Principles and Techniques
		Agronomy and Horticultural Crop Production
		Applied Economics, Extension and Systems
2	2nd Semester	Microbiology and Genetics I
		Agrometeorology and Climate Change
		Food Science and Technology
		Agricultural Engineering and Applications
2	3rd Semester	Statistical Methods for Agricultural Sciences
		Biochemistry and Biotechnology
		Pests, Diseases and Weeds Control
		Animal Production and Science I
3	4th Semester	Botany and Crop Physiology
		Scientific Communication Skills
		Microbiology and Genetics II
		Animal Science and Production II
3	5th Semester	Crop Production Technologies
		Postharvest Management and Agricultural Produce Processing
		Project I
		Agricultural Management and Marketing
3	6th Semester	Entrepreneurship for Small and Medium Agribusiness
		Project II
		Practical Training

**Degree profile**

**Programme**

**Task done (from Cyprus to Malta)**

**Elaboration of Degree Profile and Programme**

Year	Semester	Course/Module	Credits
1	1st Semester	Agricultural Chemistry and Soil Science	4
		Animal Production: Principles and Y. Control	4
		Agrionomy and Horticultural Crop Production	6
	2nd Semester	Animal Production: Production and Systems	6
		Agrionomy and Horticultural Crop Production	6
		Agrionomy and Horticultural Crop Production	6
2	3rd Semester	Agrionomy and Horticultural Crop Production	6
		Agrionomy and Horticultural Crop Production	6
		Agrionomy and Horticultural Crop Production	6
	4th Semester	Agrionomy and Horticultural Crop Production	6
		Agrionomy and Horticultural Crop Production	6
		Agrionomy and Horticultural Crop Production	6
3	5th Semester	Agrionomy and Horticultural Crop Production	6
		Agrionomy and Horticultural Crop Production	6
		Agrionomy and Horticultural Crop Production	6
	6th Semester	Agrionomy and Horticultural Crop Production	6
		Agrionomy and Horticultural Crop Production	6
		Agrionomy and Horticultural Crop Production	6



**LEARNING  
OUTCOMES**

**Programme**

**Write effective learning outcomes for each unit/course.**



**Write effective learning outcomes for each unit/course.**

<b>Course/Unit 1</b>	<b>KC4</b>	<b>LEARNING OUTCOME</b>
		<b>LEARNING OUTCOME</b>
	<b>KC 6</b>	<b>LEARNING OUTCOME</b>
		<b>LEARNING OUTCOME</b>
		<b>LEARNING OUTCOME</b>
	<b>KC8</b>	<b>LEARNING OUTCOME</b>

## Task to be done in Malta

### TASK 1: Peer Review of EACH Degree Profile and Programme



Year	Semester	Course/Module	Credits
1	1st Semester	Agricultural Chemistry and Soil Science	5
		Animal Production: Principles and Technology	5
		Agonomy and Horticulture Crop Production	5
		Applied Economics, Extension and Systems	5
		Introduction to Agriculture	5
	2nd Semester	Introduction to Agriculture	5
		Introduction to Agriculture	5
		Introduction to Agriculture	5
		Introduction to Agriculture	5
		Introduction to Agriculture	5
2	1st Semester	Introduction to Agriculture	5
		Introduction to Agriculture	5
		Introduction to Agriculture	5
		Introduction to Agriculture	5
		Introduction to Agriculture	5
	2nd Semester	Introduction to Agriculture	5
		Introduction to Agriculture	5
		Introduction to Agriculture	5
		Introduction to Agriculture	5
		Introduction to Agriculture	5
3	1st Semester	Introduction to Agriculture	5
		Introduction to Agriculture	5
		Introduction to Agriculture	5
		Introduction to Agriculture	5
		Introduction to Agriculture	5
	2nd Semester	Introduction to Agriculture	5
		Introduction to Agriculture	5
		Introduction to Agriculture	5
		Introduction to Agriculture	5
		Introduction to Agriculture	5

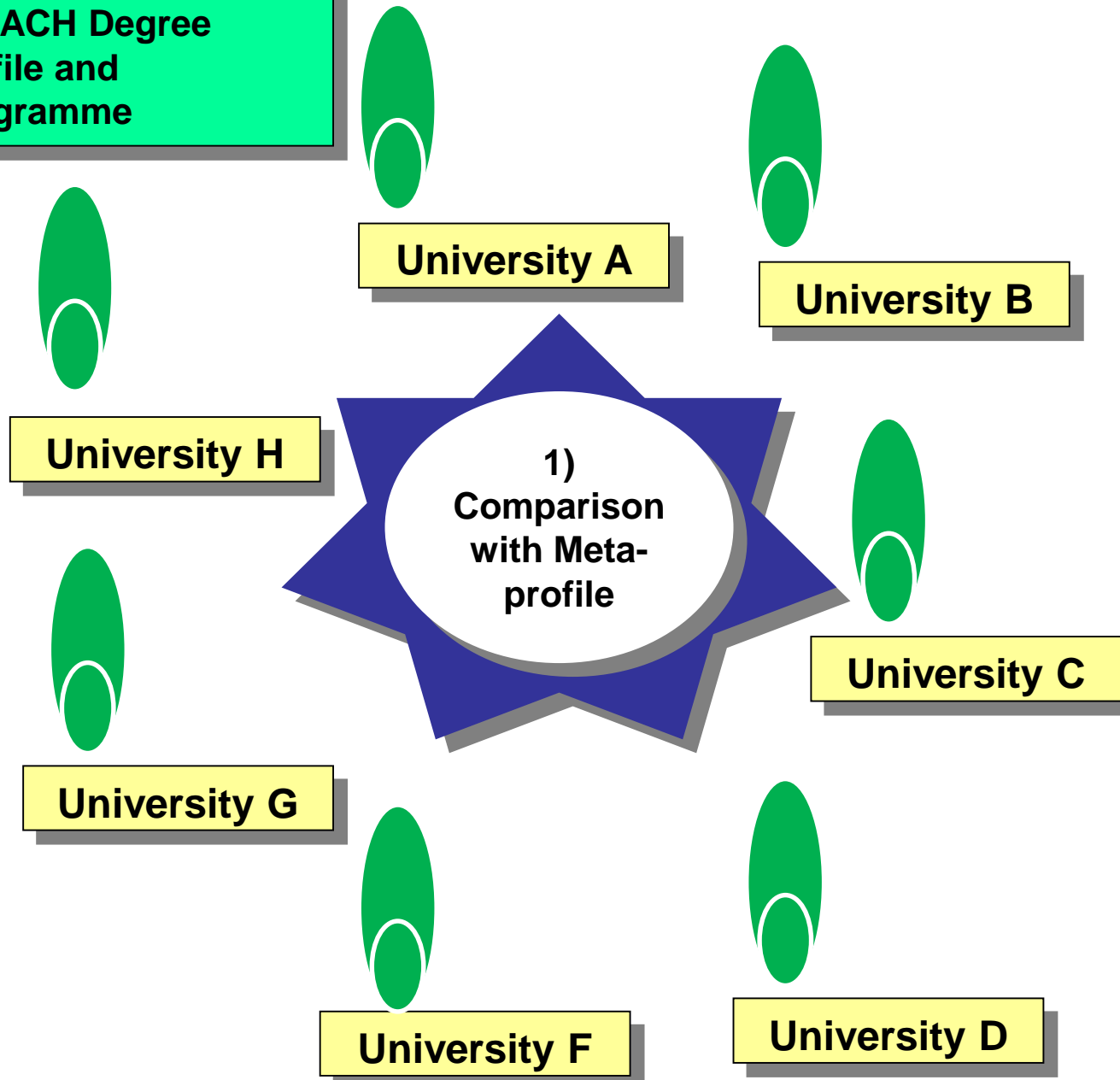
**Degree profile**

**Programme**

**Analyze EACH degree profile and programme comparatively with the others universities**



**TASK 1: Peer Review  
of EACH Degree  
Profile and  
Programme**



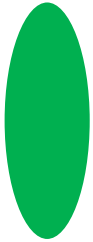






## Task to be done in Malta

### TASK 1: Peer Review of EACH Degree Profile and Programme



Year	Semester	Course/Module	Credits
1	1st Semester	Agricultural Chemistry and Soil Science	5
		Animal Production: Principles and Technology	5
	2nd Semester	Aquaculture and Horticulture Crop Production	5
		Applied Economics, Extension and Systems	5
	2nd Semester	Introduction to Genetics	5
		Introduction to Microbiology	5
		Introduction to Plant Pathology	5
		Introduction to Veterinary and Human Pathology	5
		Introduction to Veterinary and Human Pathology	5
		Introduction to Veterinary and Human Pathology	5
2	1st Semester	Animal Production: Principles and Technology	5
		Applied Economics, Extension and Systems	5
	2nd Semester	Introduction to Genetics	5
		Introduction to Microbiology	5
	3rd Semester	Introduction to Plant Pathology	5
		Introduction to Veterinary and Human Pathology	5
		Introduction to Veterinary and Human Pathology	5
		Introduction to Veterinary and Human Pathology	5
		Introduction to Veterinary and Human Pathology	5
		Introduction to Veterinary and Human Pathology	5
3	1st Semester	Introduction to Veterinary and Human Pathology	5
		Introduction to Veterinary and Human Pathology	5
	2nd Semester	Introduction to Veterinary and Human Pathology	5
		Introduction to Veterinary and Human Pathology	5

**Degree profile**

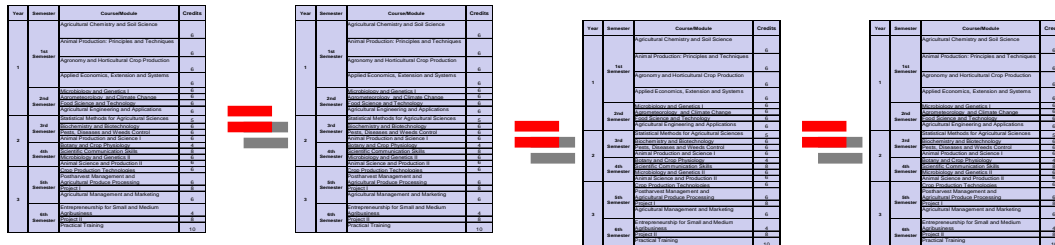
**Programme**

Prepare a report of the peer review developed (taking into account the validation of each degree profile and programme and a comparative analysis of all of them.



# Task to be done in Malta

## TASK 2: Definition of Tuning agreements



Year	Semester	Course/Module	Credits
1	1st Semester	Agricultural Chemistry and Soil Science	6
		Normal Production Principles and Pathways	6
	2nd Semester	Agrionomy and Horticultural Crop Production	6
		Applied Economics, Extension and Systems	6
		Introduction and Quality 1	6
		Introduction and Quality 2	6
		Introduction and Quality 3	6
		Introduction and Quality 4	6
		Introduction and Quality 5	6
		Introduction and Quality 6	6
2	1st Semester	Agrionomy and Horticultural Crop Production	6
		Applied Economics, Extension and Systems	6
	2nd Semester	Introduction and Quality 1	6
		Introduction and Quality 2	6
		Introduction and Quality 3	6
		Introduction and Quality 4	6
		Introduction and Quality 5	6
		Introduction and Quality 6	6
		Introduction and Quality 7	6
		Introduction and Quality 8	6
3	1st Semester	Agrionomy and Horticultural Crop Production	6
		Applied Economics, Extension and Systems	6
	2nd Semester	Introduction and Quality 1	6
		Introduction and Quality 2	6
		Introduction and Quality 3	6
		Introduction and Quality 4	6
		Introduction and Quality 5	6
		Introduction and Quality 6	6
		Introduction and Quality 7	6
		Introduction and Quality 8	6

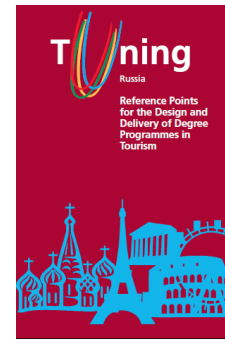
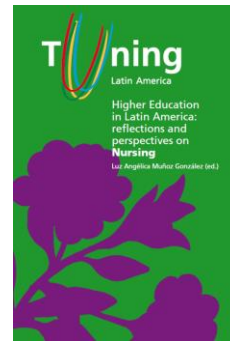
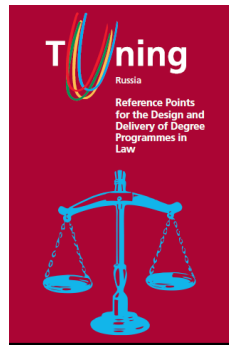
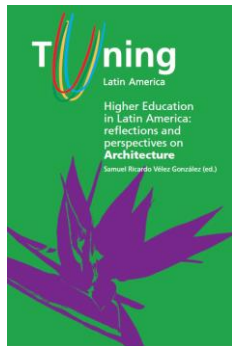
## Programmes

Draft agreement on the compatibility and comparability of the programmes

Bilateral and/or multilateral agreements

## Task to be done in Malta

### TASK 3: Revision of Final version of Subject Area Report



### Subject area report (content)

1. Introduction
2. Definition of generic competences: a thematic perspective
3. Identification of subject specific competences
4. Consultation and reflection
5. Meta – profile
6. Contrast of Meta – profile at regional level

## **TASK 3: Revision of Final version of Subject Area Report**

### **Subject area report**

#### **1. Introduction**

- **Presentation of the countries involved in the SAG**
- **Presentation of the Members/Universities**

## **TASK 3: Revision of Final version of Subject Area Report**

### **Subject area report**

#### **2. Definition of generic competences- A thematic perspective**

- **Brief analysis of the generic competences from subject area perspective.**
- **Description of the process followed at the beginning to define a proposal for generic competences from the SAG perspective.**
- **Highlight some particular aspects considered and/or not considered in the final agreed list of generic competences for MEDA.**

## **TASK 3: Revision of Final version of Subject Area Report**

### **Subject area report**

#### **3. Identification of subject specific competences**

- Presentation of the subject specific competences agreed in the group.**
- Explanation of the process followed to achieve the list of subject specific competences.**
- Institutional/national/subregional/continental/international references which SAG took into account to achieve the list of subject specific competences.**

## **TASK 3: Revision of Final version of Subject Area Report**

### **Subject area report**

#### **4. Consultation and reflection**

- **Presentation of analysis of the results of generic competences survey (in relation to SAG perspective).**
- **Presentation of analysis of the results of subject specific competences survey**
- **Interpretation of the results.**

## **TASK 3: Revision of Final version of Subject Area Report**

### **Subject area report**

#### **5. Meta - profile**

- **Description of the process followed by the SAG to agreed a meta-profile.**
- **Presentation of the meta –profile as a graphic.**
- **Explanation of the main components/elements of the Meta – profile and how it is linked to the previous steps (generic and subject specific competences agreed).**

## **TASK 3: Revision of Final version of Subject Area Report**

### **Subject area report**

#### **6. Contrast of Meta – profile at regional level**

- **Explanation of the process followed to contrast the meta – profile with real profiles at university level. (Institutional reports should be mentioned but not included as part of this section)**
- **Identifying main differences and coincidences (focusing on those elements that differ).**
- **Analysis of these differences and coincidences.**
- **Analyzing the weight of the different dominant elements**
- **Potential changes in the original proposal of meta –profiles after the contrast exercise.**



**Grazzi ħafna**