

BIOTECH-GO Certificate

ERASMUS + Project 2016-1-BG01-KA202-023686

**Blended Learning in Bioinformatics - The SMEs Instrument for Biotech
Innovations**

BIOTECH-GO

PTM “Environmental science”

Profile of knowledge, skills and competences

On completion of the education/training pathway, the holder of the certificate is able to demonstrate:

Knowledge & Skills:

- Know the main types of organisms used in bioremediation;
- Understand and apply bioremediation strategies; *in situ* and *ex situ* methods;
- Know and understand the main advantages and disadvantages of bioremediation;
- Manipulate the influence of environmental factors on biodegradation;
- Understand the system biology relationship to bioremediation;
- Apply metagenomic approaches to understand microbial communities;
- Relate metatranscriptomics – metaproteomics - metabolomics to environmental systems.

Responsibility & Autonomy:

- Apply time and project management techniques;
- Show independence, self-motivation, curiosity and dedication;
- Synthesize information and compare results;
- Communicate scientific concepts and data;
- Express analytical reasoning and scientific creativity;
- Perform collaborative tasks and networking.

Official basis of the certificate

Name and status of the body awarding the certificate	Grading scale / Pass requirements
	<ul style="list-style-type: none"> • On-line examination • Final grade out of 100. The full scale is used • Minimum passing grade to obtain the certificate: 60/ 100 • A final grade of 100/100 cum laude can also be obtained.
Level of the certificate	International agreements
EQF Level 6	
Credit points awarded	
1.5	
Access to next level of education/training	
EQF 7 /MSc degree programmes/	