

BIOTECH-GO Certificate

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

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

BIOTECH-GO

PTM “General bioinformatics”

Profile of knowledge, skills and competences

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

Knowledge & Skills:

- Explore public biological databases;
- Perform searching in biological databases;
- Deposit data into the public databases;
- Perform multiple sequence alignment;
- Make phylogenetic trees on the basis of phylogenetic analyses;
- Explore motif databases, construct and use own profiles;
- Perform comparative genome analysis;
- Apply genome analysis for annotation;
- Reconstruct metabolic pathways using comparative genome analysis.

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 7	
Credit points awarded	
1.5	
Access to next level of education/training	
EQF 8 /PhD degree programmes/	