

BIOTECH-GO Certificate

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

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

BIOTECH-GO

PTM “Food 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 applications of bioinformatics in nutrition food research;
- Understand and apply bioinformatics in reconstruction of metabolic pathways;
- Use bioinformatics approaches to refine the food production;
- Apply bioinformatics in crop production and food processing;
- Use bioinformatics to study specific food characteristics effecting its quality;
- Perform bioinformatics analysis for risk assessment in food safety;
- Understand the role of toxicogenomics in foods’ quality guarantee.

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 EQF Level 6	International agreements
Credit points awarded 1.5	
Access to next level of education/training EQF 7 / MSc degree programmes /	