

**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

<b>Name and status of the body awarding the certificate</b>	<b>Grading scale / Pass requirements</b>
	<ul style="list-style-type: none"> <li>• On-line examination</li> <li>• Final grade out of 100. The full scale is used</li> <li>• Minimum passing grade to obtain the certificate: 60/ 100</li> <li>• A final grade of 100/100 cum laude can also be obtained.</li> </ul>
<b>Level of the certificate</b>	<b>International agreements</b>
EQF Level 7	
<b>Credit points awarded</b>	
1.5	
<b>Access to next level of education/training</b>	
EQF 8 / PhD degree programmes /	