

+Title of BIP: Bioanalytical (Tele) Monitoring for Life Sciences – Medicine, Food Control, Environmental Monitoring

General information

Objectives and Description:

The overall goal of the summer school is to expose students to current research developments and the latest technologies in a variety of areas of bioanalytical (tele) monitoring for life sciences – medicine, food control, and environmental monitoring. Students will be encouraged to actively participate in class discussions through lectures by internationally recognised professors. They will also be involved in practical laboratory work from various didactic/research areas, namely biotechnology, microbiology, food technology, and sensory analysis. During these activities, problem-solving, teamwork, discussion and oral communication skills will be strengthened. Students will also benefit from interaction with colleagues from other European universities and make connections that could lead to future professional collaborations. Students will also benefit from the interaction with colleagues from other European universities and making connections that could lead to future professional collaborations.

Students will be awarded 3 ECTS upon fulfilling the summer school requirements (attendance at lectures and laboratory classes, group presentations of laboratory work).

Development of didactic materials in video/audio format will be added to a common platform that will ensure communication between partners and dissemination of activities and information about the summer school.

Methods and outcomes:

The BIP will totalise 75 working hours (45 hours of course and practical laboratory and 30 hours of individual study)

During these activities, problem-solving, teamwork, discussion and oral communication skills will be strengthened.

Individual study - study according to didactic materials/ bibliography and notes, additional documentation using specialised electronic platforms and in the field, etc., preparation of seminars/ laboratories/ projects, assignments, reports, portfolios and essays.

Field of Education: 09 - Health and welfare

Life Sciences – Medicine, Nutrition, Pharmacy, Environmental studies etc.

Target audience / Participants profile:

Students at bachelor, master and doctoral levels in the fields of general medicine, clinical laboratory, nutrition, pharmacy, chemistry, biotechnology and similar.

No of ECTS issued: 3 ECTS

Language of instruction and requirements:

English – min. B2 level

Dates for physical activity: 13-21 September 2024

Location of physical activity: UNITBV premises, Brasov: ICDT laboratories, University Hall, laboratories of the partner faculties.

Dates for virtual component: 09 September 2024

Virtual Component Description: Virtual meeting (4 hours) – to establish the framework of the physical meeting, access to using the didactic materials, setting the students working groups and presentation of participants.

Organizing Board

Receiving/Host university:

Transilvania University of Brasov, Romania

Prof. Dr. Mihaela BADEA, Faculty of Medicine, mihaela.badea@unitbv.ro

Sending/Partner universities:

- P1. Biotechnical Faculty, University of Ljubljana, Ljubljana, Slovenia
- P2. Universidade de Lisboa, Lisbon, Portugal
- P3. Faculty of Health and Sport Sciences, University of Zaragoza, Huesca, Spain
- P4. University of Brescia, Italy
- P5. University of Turin, Italy
- P6. Univ of Beja, Portugal
- P7. University of Pardubice, Rep. Czech
- P8. University of Milan, Italy - under discussion
- P9. Medical Univ of Warsaw, Poland - under discussion
- P10. Ohter UNITA partner universities

In addition, **teaching staff + students from other universities in Romania** will also be involved: Carol Davila University of Medicine and Pharmacy in Bucharest, Romania, Lucian Blaga University from Sibiu

Researchers from different research institutes will be involved:

- Institute of Biology of the Romanian Academy
- INOE Bucharest
- International Center of Biodynamics
- Synevo Romania

Invited specialists/experts and their role in the implementation of the BIP:

- Jean-Louis MARTY - 1- Sensbiotech, Ceret, France; 2- Université de Perpignan, Perpignan Cedex, France - Chairperson and speaker
- Patrizia RESTANI - Università degli Studi di Milano, Italy - Chairperson and speaker
- Chiara DI LORENZO - Università degli Studi di Milano, Italy - Speaker
- Rui SILVA - Universidade de Lisboa, Lisbon, Portugal - Chairperson and speaker

Detailed programme

Planned activities during physical component:

12.09.2024 – arrival of participants.

1st day: 13.09.2024 - opening session, introductory course - general information, course schedule/practical work, (4 hours).

2nd day and 3rd day: 14.09.2024 – 15.09.2024: social activities.

4th day: 16.09.2024 – courses (4h) + practical laboratory (4h)

5th day: 17.09.2024 – courses (4h) + practical laboratory (4h)

6th day: 18.09.2024 – courses (4h) + practical laboratory (4h) - study visit

7th day: 19.09.2024 – courses (4h) + practical laboratory (4h)

8th day: 20.09.2024 – courses (4h) + practical laboratory /examination (3h)

9th day: 21.09.2024 – the course completion ceremony

Application procedure

Students send the applications to their home university.

Home university nominates the students at UNITBV (outgoing@unitbv.ro) by **07 May 2024**.

Up to 3 students from each partner university are welcome.

Facilities provided to participants:

- Free accommodation in university dormitories
- One meal/ day

ESTUDIANTES DE LA UNIVERSIDAD DE ZARAGOZA

Nº de ayudas: 5

Requisitos:

*Estudiantes de la Universidad de Zaragoza matriculados en el curso 2023-2024 en estudios oficiales de grado, máster o doctorado de las ramas de conocimiento de Ciencias de la Salud (Medicina, Nutrición) o Ciencias (Química, Biotecnología). Quienes finalicen los estudios de su actual titulación en 2023-2024, deberán aportar el [compromiso de admisión y matrícula en máster oficial o en doctorado en el curso 2024-2025](#). No hacer efectiva la matrícula en 2024-2025 será causa de revocación de la ayuda.

*Conocimiento de inglés de nivel B2.

Solicitud:

Disponible desde la URL: <https://sede.unizar.es> a través del Servicio "Gestión de solicitudes (SOLICIT@)"

Seleccionar en el menú "Opciones" > "Iniciar Nueva Solicitud"

Identificarse con NIP + contraseña administrativa

En la opción "Catálogo de solicitudes clasificadas por categorías", elegir "Estudiantes de Grado, Máster, Doctorado, etc".

Seleccionar el formulario "Programas Intensivos Combinados –BIP–"

UNIVERSIDAD ORGANIZADORA: TRANSILVANIA UNIVERSITY OF BRASOV

Documentación a aportar :

*Acreditación de conocimiento de inglés de nivel B2 de acuerdo con lo que señala la base 4.3 de la convocatoria.

*Quienes finalicen sus actuales estudios en 2023-24, [compromiso de matrícula en Máster o Doctorado en el curso 2024-2025](#).

*Los nacionales de países ajenos al Espacio Europeo de Educación Superior, acreditación de estar en posesión de un permiso válido para residir en España durante el período de realización de la movilidad.

*Estudiantes de máster y/o doctorado, con estudios previos de acceso a máster o doctorado no cursados en la Universidad de Zaragoza, deberán aportar copia del expediente académico de aquellos estudios que incluya la nota media. Si se cursaron en el extranjero, además, la Declaración de equivalencia de nota media:

https://universidades.sede.gob.es/pagina/index/directorio/Equivalencia_notas_medias

Plazo de solicitud: hasta el 8 de abril de 2024

COMPROMISO DE ADMISIÓN Y MATRÍCULA EN ESTUDIOS OFICIALES DE MÁSTER /DOCTORADO

D./D.^a _____ con DNI/NIE _____ ,

MANIFIESTA:

Que desea participar en el proceso de selección de concesión de ayudas para participar en programas intensivos combinados cuya formación se desarrollará en el curso académico 2024-2025,

Que dado que en el plazo de presentación de solicitudes se encuentra matriculado en los últimos créditos de la titulación Grado/Máster en _____ ,

SE COMPROMETE A:

Solicitar admisión en estudios oficiales de _____ Máster _____ Doctorado en el plazo que se establezca en el calendario académico oficial del curso 2024-2025 y, en caso de obtenerla,

Efectuar la matrícula en el Máster Universitario / Programa de Doctorado:

en el plazo de julio de 2024 que señale el citado calendario.

En Zaragoza, a ____ de _____ de 20 ____

Fdo.: _____