



LS - Life Sciences in the race against emerging threats to human health

Interdisciplinary Courses & Training in Life Sciences

Coordinator: Assoc. prof. dr. Brîndușa Alina PETRE (brindusa.petre@uaic.ro)

Date	Time	Course title	Lecturer/Coordinator	Meeting place (actual location)
WEEK 1				
10 July (Mon)	08:00-09:00 09:00-10:00	Registration - All JASSY modules JASSY Summer School opening Plenary session: <i>Dimensions of National Identity in the European and International Context</i> , delivered by Rector Tudorel Toader		Senate Hall Building A, 2 nd floor
	10:00-10:15	Brief introduction of the JASSY coordinators		
	10:15	Group photo - All JASSY modules UAIC main entrance – <i>the Two Lions</i>		
	10:15-11:00	Brief introduction of the coordinator and brief overview of LS module. Getting to know the participants - 5' talks/ ppt presentations.	Brîndușa-Alina Petre	<i>Casa Universitarilor</i> CUI Seminar room
	11:30-13:30	Identifying biological species using DNA barcoding (L)	Lucian Fusu	B373/B362, Building B
	16:30-18:00	Introduction to UAIC – Iași University – guided tour. Presentation of the Palace of the University (1897) and its Painting Gallery “Hall of Echoing Lost Steps”, <i>Tafrali Bookstore & Campus (FA)</i> . All JASSY modules	Mihai Bulai	UAIC main entrance – <i>the Two Lions</i> , Building A
18:00-19:30	JASSY reception by courtesy of <i>Alexandru Ioan Cuza</i> University All JASSY modules		Terrace of <i>Casa Universitarilor</i>	
11 July (Tue)	09:30-11:00 11:30- 13:00	Identifying biological species using DNA barcoding (PA) <i>Quick quiz student assessment</i>	Lucian Fusu	B373/B362, Building B
	16:00-19:00	Guided tour of the city of IAȘI - Romanian Capital of Culture” (FA). Visit of the Iași National Opera & Theater Grand Hall. All JASSY modules	Mihai Bulai Corneliu Iațu	UAIC main entrance – <i>the Two Lions</i>
12 July (Wed)	09:00-11:00 11:30-13:30	A Critical Analysis of Empiric Antibiotics Treatment: Health Benefits versus Environmental Risks (L/PA) <i>Quick quiz student assessment</i>	Doina Lutic	Laboratory of Material Chemistry Building A
	15:00-18:00	Guided visit of the “Palace of Culture”, the Former Princely Palace of Moldavia (FA) All JASSY modules	Mihai Bulai	Palace of Culture (main entrance)
13 July (Thu)	09:00-11:00 11:30-13:30	Resilience for sustainability: responding and adapting to global, regional and local shocks and threats (L/PA) <i>Quick quiz student assessment</i>	Alexandru Bănică	CUI Seminar room
	16:00-19:00	Birdwatching and Ecotourism principles. Plants and birds’ diversity – visit to Botanical Garden of Iași, owned by UAIC (FA) All JASSY modules	Carmen Gache & Cristiana Virginia Petre	UAIC main entrance – <i>the Two Lions</i>
14 July (Fri)	09:00-11:00	Proteins, Enzymes, and Antibodies as Molecular Vehicles for Investigating Human Health and Diseases (L)	Brîndușa-Alina Petre	CUI Seminar room
	11:30-13:30	MALDI ToF mass spectrometry- a bioanalytical tool for analysing peptides and proteins (PA)	Brîndușa-Alina Petre	TRANSCEND - IRO
	15:00-17:00	MALDI ToF mass spectrometry- a bioanalytical tool for analysing peptides and proteins (PA)	Brîndușa-Alina Petre	TRANSCEND - IRO
15 July (Sat)	09:00-14:00	Introduction in kayaking (FA) <i>No skills required. (also during rain; All JASSY modules)</i>	Alexandru Oprean Marin Chirazi	UAIC main entrance – <i>the Two Lions</i>
16 July (Sun)	07:50-16:30	Preparation of Outdoor Activities – excursion around Iași (<i>introduction to outdooring, choosing the right equipment, bird watching, local ecological products, using apps for outdoor activities etc.</i>) All JASSY modules (FA)	Lucian Roșu Constantin Ion Mihai Bulai	Iași Train Station (Gara Mare) – 08.09h train to Bârnova (25 km)



Date	Time	Course title	Lecturer/Coordinator	Meeting place (actual location)
WEEK 2				
17 July (Mon)	09:30-11:00 11:30-13:00	New weapons to fight antimicrobial resistance(L)	Marius Ștefan	CUI Seminar room
	15:00-19:00	Wine technology and tasting techniques at the Oenological Institute of Iași OII University of Life Sciences IULS (W) <i>All JASSY modules: 15:00h – First group (max 25 pers) 17:00h – Second group (max 25 pers)</i>	Ramona Danac Mihai Bulai	Meeting at UAIC – <i>the Two Lions (bus to OII-IULS)</i>
18 July (Tue)	10:00-11:00 11:30-13:30	Climate change: the major challenge of the XXI century - facts and observation(L/PA)	Lucian Sfică	CUI Seminar room
	15:00-17:00	The Psychology of Appearance: A Crosscultural Approach to First Impressions. (W) <i>All JASSY modules</i>	Athes Haralambie Lucian Roșu	<i>Ferdinand</i> Conference Hall Building A
	17:00-19:00	Debate on Challenges of War in Ukraine and its impact on the region (Ukraine – Moldova – Romania) (W)	All Module Coordinators (Mihai Bulai)	
19 July (Wed)	08:00-11:00	Enzymes in everyday life (L/PA)	Robert Grădinaru	Laboratory of Biochemistry Building A
	11:30-13:30 15:00-18:00	From amino acids to biological function – a journey into the structural biology of proteins (L/PA)	Marius Mihășan	Room B460 Building B
20 July (Thu)	09:00-11:00	Applications of remote sensing in the evaluation of environmental risks(L/PA)	Adrian Ursu	CUI Seminar room
	11:30-13:30			
	15:00-18:00	Plastic pollution of freshwater environments: impacts and mitigation strategies(L/PA)	Florin-Constantin Mihai	CUI Seminar room
21 July (Fri)	10:00-12:00	Student assessment & Feedback	Brîndușa-Alina Petre	CUI Seminar room
		Students' recommendations for the next JASSY edition.		
	13:00-14:00	Buffet lunch <i>All JASSY modules</i>		Hall of Lost Steps, Building A
	14:00-15:00	JASSY Summer School Closing <i>All JASSY modules</i>		<i>Mihai Eminescu</i> Aula Magna Building A

L = Lecture

W = Workshop

FA = Field Application

	Common activities for somemodules
	Common activities for allmodules
	Test

Note: 2 hours of course/field work are usually composed of 50' activity + 10' break.

11.00 – 11.30 – coffee-break

13.45 – 15.00 – lunch break (Titu Maiorescu University Cafeteria)