

ISDS COURSES

Academic year 2024-2025

SEMESTER II

TIMETABLE*

Course	Short description of the course	Professors/ Teaching Staff	Contact details	Timetable	Administrative details/ Classroom
<p>Linguistics and cognition</p> <p>10 hours of class, 10 hours of seminar</p> <p>5 ECTS</p> <p>Language of instruction: English</p>	<p><i>Although language is something we use daily, Linguistics still remains one of the lesser-known, and invariably under-examined, fields. The course and seminar will address how language functions, from how sounds are uttered (have you ever considered which difference in articulation is between /p/ and /b/?) to how our way of speaking changes depending on the context (do we address a colleague and a professor the same way?). Technical terms from the realm of Linguistic disciplines will be introduced throughout the semester, but the main focus will remain on how one could make use of all these concepts in an interdisciplinary context, highlighting the relevant overlaps between, e.g., Sociology and</i></p>	<p>Professor Ștefania COSTEA</p>	<p>stefania.costea@ling-phil.ox.ac.uk</p>	<p>February: 26.02. March: 5,12, 19 and 26.03 April: 2, 9,16 and 30.04 from 3.00 to 5.00 PM</p>	<p>EXCLUSIVELY ONLINE</p> <p>TO REGISTER:</p> <p>https://forms.gle/WpJumV66kLzzyGjj9</p>

	<i>Linguistics, Biology and Linguistics.</i>				
<p>Cognitive science</p> <p>6 hours course, 6 hours seminar</p> <p>6 ECTS</p> <p>Language of instruction: <i>English</i></p>	<p><i>The course tackles the most recent trends in cognitive sciences and particularly in cognitive psychology (both fundamental and applied). It covers topics such as the cognitive psychology of fake news and discusses innate cognitive errors and biases</i></p>	<p>Professor Ioana PODINĂ</p>	<p>ioana.podina@fpse.unibuc.ro</p>	<p>March 5 and March 12 from 10 AM to 4 PM</p>	<p>EXCLUSIVELY ONLINE</p> <p>TO REGISTER:</p> <p>https://forms.gle/WpJumV66kLzzyGjj9</p>
<p>Scientific projects writing</p> <p>6 hours of course, 6 hours of seminar,</p> <p>4 ECTS</p> <p>Language of instruction: <i>English</i></p>	<p><i>How to choose or pitch a financing application depending on the career stage; Who are the competitors and who are the potential collaborators; The role of conferences, articles, and preliminary data; Formation of a project team; Organization of requested financial means; Figures in proposals; Citations in proposals; How to convey a proposal message concisely; Financing and scientific careers; Perspectives</i></p>	<p>Professor Paul VASOS</p>	<p>paul.vasos@icub.unibuc.ro</p>	<p>March 21 and 28 from 2.15 to 8.45 PM</p>	<p>LOCATION:</p> <p><i>SOCIOLOGY BUILDING, Panduri Council Room 102 ground floor and zoom (Sos. Panduri no 90, Bucharest)</i></p> <p>TO REGISTER:</p> <p>https://forms.gle/WpJumV66kLzzyGjj9</p>

<p>Observing and imaging through spectroscopy</p> <p>16 hours course, 16 hours seminar</p> <p>6 ECTS</p> <p>Language of instruction: English</p>	<p><i>Inside the living: biomolecular function via spectroscopy; biomolecular structure and dynamics via atomic- resolution spectroscopy; diagnostic via imaging; biomolecular response to radiation and biophysical outcomes. Functional Magnetic Resonance Imaging (MRI) in studies of brain function; MRI for structural imaging and angiography. The course aims to offer insight into the mechanisms involved in the perception of the surroundings as well as in the imaging of the living. In order to reach this objective, it delves into the constituents of matter (atoms, molecules) and their interaction with radiation (light and beyond). The notions of resonance condition, emission, absorption, and stimulated emission are discussed. We also discuss the use of spectroscopy in the context of artworks analysis.</i></p>	<p>Professor Paul VASOS</p>	<p>paul.vasos@icub.unibuc.ro</p>	<p>April: 4 and 11.04 from 2.15 to 7.45 PM</p> <p>May: 2, 9, 16 and 23.05 from 2.15 to 7.45 PM</p>	<p>LOCATION: SOCIOLOGY BUILDING, Panduri Council Room 102 ground floor and zoom (Sos. Panduri nr 90, Bucharest)</p> <p>TO REGISTER: https://forms.gle/WpJumV66kLzzyGjj9</p>
<p>Network analysis</p>	<p><i>Network analysis (NetwA) is an introductory course in the application of</i></p>	<p>Professor Marian-Gabriel HÂNCEAN</p>	<p>gabriel.hancean@unibuc.ro</p>	<p>To be announced</p>	<p>LOCATION: To be announced</p> <p>TO REGISTER:</p>

<p>6 hours of class, 6 hours of seminar, 5 ECTS</p> <p>Language of instruction: English</p>	<p><i>network science to socially approached topics (virus spread, contagion of opinions, accumulation of citations, etc.). This course will examine the relationship between networks and human behavior (networks' antecedents and consequences). Students will initially learn the basics of social network analysis. Specifically, the theoretical (contemporary concepts and theoretical models) and practical background (by exercises and statistical techniques). The class will focus on the use of a number of social network concepts, such as social capital, homophily, preferential attachment, propinquity, contagion, etc., and how they can be applied in research as well as in real-life situations. Students will learn how to visualize and analyze social networks using special software packages. Furthermore, students will be required to present their research projects and indicate how they plan to incorporate network</i></p>				<p>https://forms.gle/WpJumV66kLzyGjj9</p>
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	<p><i>analysis into their workflow.</i></p> <p><i>References (general)</i></p> <ul style="list-style-type: none">• <i>Stephen P. Borgatti et al. Network Analysis in the Social Sciences. Science</i>323, 892-895 (2009). DOI: 10.1126/science.1165821• <i>Jonh Scott & Peter J. Carrington (Eds.) The SAGE Handbook of Social Network Analysis. London: Sage Publications Ltd. (2011). ISBN:978-1847873958</i>				
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*Please take into account that the current schedule may change along the way!

In order to join in a **course**, please fill in the **FORM** available on the **ISDS website - ANNOUNCEMENTS section** <https://isds.unibuc.ro/interdisciplinary-research-training-groups/category/announcements/>

To register <https://forms.gle/WpJumV66kLzzyGjj9>