Existing infrastructures and resources

sharing assessment and action plan

30 September, 2022

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Authors	NBU: Valeria Sergueenkova; Dimitar Trendafilov Validated by UP8: Claire Douet; Maxime L'Héritier et Everardo Reyes RUC: Katia Dupret; UKON: Maximiliam Heber; UAegean: Eirini Papadopoulou

Executive Summary

This document identifies the existing and potential convergences in research and innovation infrastructure and resources available in ERUA. It identifies specific connecting possibilities in scientific fields (such as European studies, behavioral studies, marine biology and ecology) and on topics (such as decision-making, digitization and datafication, globalization, postcolonialism, multilingualism, memory studies, migration). The document attempts to chart the barriers to sharing resources. It summarizes the results form a survey among research unit leaders across the Alliance regarding their interest in collaborating and sharing as well as regarding any barriers to doing so. It also offers an action plan for tackling these obstacles.

1. Introduction

Rationale

The goal of this document is to identify the existing and potential convergences in research and innovation resources and infrastructures available across ERUA. At the same time as these convergences are charted, the document suggests some connecting possibilities for joined research, innovation and partnership (Part 2 "Convergences"). In addition, we attempt to anticipate barriers to collaboration and sharing (Part 3 "Barriers") and develop an action plan for tackling them (Part 4 "Action Plan").

This "Assessment and Action Plan" serves as the first step towards the "Infrastructure sharing procedures document", the document which will define the procedures for sharing and connecting our resources (Deliverable 6.3 to be produced by our Working Package).

Methodology

After creating a "Map of the Research and Innovation Resources and Infrastructures" available across the Alliance (organized into 375 research units), over the summer of 2022 we made it available to research unit leaders along with a brief survey regarding interest in collaborating with ERUA researchers and sharing infrastructure within the Alliance as well as on any obstacles and restrictions to doing so. The goal was twofold:

- to gauge researchers' sense of the possibilities and limitations for collaboration and sharing

- to give researchers a chance to "see themselves on the map" of the research units in the Alliance as well as to modify the information about the units under their leadership.

Given the timeframe of our process which necessitated a survey during the summer months we anticipated a low participation rate. Indeed, we received responses from 23 research unit leaders (some of them in charge of more than one research unit). We have used this data in writing this document, especially the section of "Barriers to sharing" (section 4). For the moment, only NBU, UKON and UP8 information have been received, the UAegean and RUC response will allow to update the action plan.

The process of creating ERUA's "Map of the Research and Innovation Resources and Infrastructures" (updated version attached as Appendix 1) and its subsequent analysis readily suggested areas of common interests, convergence potential and connecting possibilities.

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The preliminary action plan for realizing this potential (section 4) is based on discussions and synergies between our Working Package and Working Package 2 ("Engagement strategy for the areas research & innovation"). As already indicated, this aspect of the current document will be subject to further discussion, refinement and revision in order to establish and communicate relevant processes and procedures (terms and conditions) across the partner universities for connecting partners' existing resources and infrastructures (Deliverable 6.3, due by the end of 2022).

2. Convergences

The analysis of ERUA's "Map of the Research and Innovation Resources and Infrastructures" complements the rough picture of the research strengths of our member institutions based on Scopus publication data as summarized and critiqued by ERUA Work Package 2 "Reimagining Higher Education" in 2021 (D2.3 "What is a Reform University Today?", 21-27). That report found the highest publication numbers by ERUA researchers in the fields of the **biological and computer and information sciences**. It also reported relatively high numbers in the fields of **cognitive science, psychology and sociology** as well as in **economics and business**. The report emphasized shared foci of publication activity among researchers at UKON, UAegean, RUC and UP8. (NBU's publication data was difficult analyze because of the smaller absolute numbers and the greater variation with them.)

As shown by the data tabulated below in this section, the research fields in which the most research and innovation resources are concentrated at the Alliance level do not align perfectly with those identified as most active in publication by last year's report. (That is to be expected, since Scopus publication data has well-known shortcomings in counting humanities and social sciences publications, especially Eastern European ones.)

For the purposes of identifying existing and potential convergences as well as envisioning merging and connecting possibilities, the data analyzed as a result of our mapping exercise complements with some finer-grain detail what we already know about the social science orientation of the Alliance as a whole.

Using the data primarily presented under the "SCIENTIFIC AREAS" and "KEY THEMES" rubrics in the "Updated Map of the Research and Innovation Resources and Infrastructures" (Appendix 1) we sorted the 375 research units into fourteen scientific area groupings. These groupings reflect the most frequently found transdisciplinary collaborations among and within ERUA research units, indeed within individual ERUA researchers' interests (as mapped in detail in Appendix 1). Indeed, most research units are represented under more than one scientific area grouping below.
What emerges are several areas of concentrated research and innovation interest across the whole Alliance with clear potential for connection and/or merging.

The scientific areas of **sociology, psychology (esp. social), behavior studies (incl. psychoeconomics) and gender studies** are object of investigation and innovation at the highest number of ERUA research units, with all the fields strongly represented in each member institution.

1. Sociology, Psychology, Behavior studies, Gender studies	
RUC	20 research units
UKON	20 research units
UAEG	14 research units
UP8	10 research units
NBU	10 research units

Total: 74

The **computer sciences and mathematics (incl. applied mathematical disciplines)** are the second strongest grouping in terms of absolute number of research units wholly or partly dedicated to them, with special strength in equipment and breadth of subfields at UAegean and UKON. Connecting possibilities appear particularly strong in the fields of **data science, artificial intelligence, virtual reality and the "Internet of Things"**.

2. Computer science, Mathematics, Statistics, Accounting	
UAEG	30 research units
UKON	13 research units
NBU	6 research units
UP8	6 research units
RUC	5 research units

Total: 60

The broad grouping of **cultural studies** (incl. the more traditional humanities of **history and literary studies**) is well represented across the Alliance with connecting possibilities especially in the field of **European studies** and on the topics of **migration, postcolonialism, memory and commemoration**.

3. Cultural studies, Anthropology, European studies, Literary studies, History, Archaeology	
UAEG	14 research units
UP8	14 research units
NBU	10 research units and 1 archive
RUC	9 research units
UKON	9 research units

Total: 56

Most active in terms of publication statistics, the grouping of the **Life sciences** is especially strongly represented at UAegean and UKON. A special strength with high potential for joint work across four of the five ERUA member institutions is **marine and freshwater ecology**.

4. Biology, Molecular biology, Biotechnology, Environmental studies, Medicine, Food science	
UAEG	25 research units
UKON	21 research units
RUC	9 research units
NBU	7 research units
UP8	

Total: 52

Research in the **political sciences, government and law** is to some degree locally specific though connecting possibilities are identifiable in relation to the subject areas of **European law, democracy and migration**.

5. Politics, International Relations, Public Policy, Public administration, Law	
UKON	21 research units
RUC	11 research units
UAEG	6 research units
NBU	5 research units
UP8	5 research units

Total: 48

A great ERUA strength is the focus on **socially engaged academic disciplines** which complement its mission as a reform university alliance. Connecting possibilities are strong in the areas of **early childhood education, child development, education policy** as well as on the topics of **transculturality and marginalization**.

6. Education, Pedagogy, Social Work, Public Health, Sport science	
UAEG	19 research units
UKON	7 research units
RUC	7 research units
NBU	6 research units
UP8	3 research units

Total: 42

One of the fields most visible in traditional publication terms is that of **the cognitive sciences**. UKON is the clear leader in this respect although the potential in the partners' research and innovation resources is clear. Topics such as **collective behavior, decision-making and bi- and multilingualism** as well as **general linguistics** offer opportunities for joint research and innovation.

7. Cognitive science, Neuroscience, Neuropsychology and Linguistics	
UKON	16 research units and 1 database
UP8	8 research units
NBU	7 research units
UAEG	4 research units
RUC	2 research units

Total: 37

The research units grouped together under **Media studies** share a research focus on **misinformation, digitalization and datafication**.

8. Media studies, Communications, Journalism	
RUC	9 research units
UKON	6 research units and 1 network platform
UP8	7 research units
NBU	5 research units
UAEG	2 research units

Total: 29

What binds together above all the research and innovation units under the heading of **Economics and Urban studies** is their focus on **sustainability**, but the research units counted here have much connecting potential in transdisciplinary research with **sociology** grouping (number 1, above) and **business** (number 10, next).

9. Economics, Urban studies, Architecture	
RUC	8 research units
UKON	5 research units
NBU	4 research units
UAEG	5 research units
UP8	4 research units

Total: 26

Business research and innovation in ERUA offers connecting possibilities on the subjects of **organizational culture, tourism and digitalization**.

10. Business, Management, Marketing, Tourism	
UAEG	13 research units
NBU	8 research units
RUC	4 research units
UP8	1 research unit
UKON	

Total: 26

The research units in the Philosophy and Art History grouping have quite diverse interests. A shared general focus on 20th c. philosophy (esp. strong at Paris 8 and UKON) is a potential connecting possibility. In addition, these research units have multiple points of connection with the grouping of Cultural studies (number 3, above) on the subject of the **transnational exchange of concepts, ideas and knowledge**.

11. Philosophy, Art history and History of ideas, History of science	
UP8	9 research units and 1 archive
UKON	3 research units and 1 archive
NBU	3 research units

UAEG	3 research units
RUC	1 research unit

Total: 19

The **creative and performing arts** as well as the **theoretical and historical approaches** to them have obvious potential for connection (number 11, above). Another connection possibility is the field of **the moving image**, actively pursued by units in three of the five member institutions.

12. Fine Arts, Design, Photography, Film, Theater, Performing Arts	
NBU	12 research units
UP8	4 research units
UAEG	1 research unit
RUC	
UKON	

Total: 17

The **physical sciences** are less strongly represented in the Alliance except at UKON. However, connecting possibilities exist in relation to **climate science**.

13. Physics, Material science, Geology	
UKON	9 research units
NBU	3 research units
RUC	2 research units
UAEG	2 research units
UP8	1 research unit

Total: 16

Similarly, although not strongly represented, **chemistry** research units have connection possibilities in relation to **ecology and climate science**.

14. Chemistry	
UKON	5 research units
UAEG	3 research units
RUC	2 research units
NBU	2 research units
UP8	

Total: 12

Finally, the connecting possibilities for ERUA researchers align well with the seventeen UN Sustainable Development Goals, especially:

- SDG 3 Good Health and Wellbeing
- SDG 4 Quality Education
- SDG 8 Decent Work and Economic Growth,
- SDG 10 (Reduced Inequalities)
- SDG 11 (Sustainable Cities and Communities)
- SDG 13 Climate action
- SDG 14 Life below water
- SDG 16 Peace, Justice and Strong Institutions.

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3. Barriers

The responses to our survey did not indicate awareness among research unit leaders about legal barriers to infrastructures sharing (incl. regarding legal coordination). Apart from the software license agreements **no specific barriers** were mentioned.

Many respondents emphasized that **ethical standards and best research practices** need to be observed by any collaborators and guest researchers.

One respondent expected that **a contract agreement between research units** would have to be drafted if a long-term partnership were to be established. Another suggested that set **data ownership** parameters would have to be part of such an agreement. As is natural, several respondents emphasized that any sharing of resources and infrastructure is **subject to approval by the hosting research unit of guest scholars' research plans**.

However, more input is needed on this issue given the great diversity of research unit types and the low response rate of this survey.

Although most respondents indicated strong interest in collaborating and sharing resources related to research and innovation, several expressed skepticism about realistic prospect (one respondent at UP8 and another at UKON). The **greatest obstacle remains the lack of awareness** of the possibilities ERUA has already created and those possible in the future as a result of the Re:ERUA initiative.

In addition, as the ERUA membership ranges geographically across the European continent, opportunities for **physical mobility and virutal connection** between researchers will be required. Of course, the many ERUA reserch units in the Human Sciences may need to share data and human capital rather than equipment, a scenario in which virtual connection might be an adequate option.

The procedures for sharing research resources will be done on a "case-by-case" basis, according to the links that will be created between laboratories and will be supported by the research support services to supervise this sharing.

As with all internatioanl collaborations, there is a **linguistic dfference issue,** so it is natural to expect that connections will be limited by the availabiliy of a comon language between researchers.

As far as the potential for federation and/or merging, the **lack of common research structures on a European scale** whcih could serve as models make it a more distant prospect at this stage.

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4. Action Plan for Tackling Barriers

Since specific barriers were not identified, it is incumbent upon us to **solicit information from legal and research support offices at ERUA member level about potential obstacles** to sharing resources and infrastructure. This we intend to do prior to creating an "Infrastructure sharing procedures document", the document which will define the procedures for sharing and connecting our resources (Deliverable 6.3 to be produced by our Working Package).

In addition, a **Network of Research Operational Support Offices** across the Alliance is being set up by Re:ERUA Work Package 2 "Engagement strategy for the areas of research and innovation". This network is to have the tasks of tackling day to day obstacles at legal and administrative levels (local, national and European) and supporting institution-community partnerships on all aspects of engaged research and funding. This Network can and should be a key factor in facilitating collaboration and sharing of resources and infrastructures.

The creation of **virtual and physical meeting spaces dedicated to joint research** initiatives as part of the activities of Re:ERUA Working Package 6 is designed to help overcome the geographical barriers between researchers in different countries (Deliverable 6.6, due by the end of 2022).

Finally, it is clear **information campaign among researchers** will be necessary in order to create awareness of the great potential for research collaboration and sharing of resources and infrastructure within ERUA. Ideally, such a campaign will coincide with the launching of the **digital database** which will contain the "Map of the Research and Innovation Resources and Infrastructures" (Deliverable 6.4, due by the end of 2022). Again, the **Network of Research Operational Support Offices** will be a great help in this respect.

Appendix 1:
Updated Map of the Research and Innovation Resources and Infrastructures

NAME	URL	LOCATION	TYPE	SCIENTIFIC AREA(S)	KEY THEMES	KEY EQUIPMENT	DATASETS / SOFTWARE
CENTRE FOR NEWS RESEARCH (IN DANISH)	link	RUC	Research centre	Media and communications			
AUDIENCES & MEDIATED LIFE	link	RUC	Research centre	Media and communications	Processes of news consumption; Cross-media uses; Publics of cultural institutions; Users of social and digital media; Datafication of audiences		
DIALOGIC COMMUNICATION	link	RUC	Research group	Media and communications	Dialogue-based approaches to communication; Collaborative knowledge production		
GLOBAL AND TRANSNATIONAL HISTORY STUDIES	link	RUC	Research group	History; Cultural studies	Global consciousness; Transnational exchange of concepts, ideas and knowledge; Cosmopolitanisms		
JOURNALISM AND DEMOCRACY	link	RUC	Research group	Media and communications	Media sociology; Press ethics; Polarization and misinformation; Digitalization and datafication; Social media research		
INTERCULTURAL STUDIES	link	RUC	Research group	Social sciences and the humanities	Identity; Diversity; Migration; Postcolonial studies; Multilingualism		
MEDIA AND CULTURE	link	RUC	Research group	Cultural studies; Media and communications			
LANGUAGE; CULTURE AND COGNITION	link	RUC	Research group	Linguistics; Cultural studies	Sociolinguistics; Translation studies; Multilingualism; Intercultural pragmatics; Information structure		
PUBLIC COMMUNICATION	link	RUC	Research group	Media and communications			

ORGANIZING COMMUNICATION AND DIGITIZATION	link	RUC	Research group	Media and communications	Strategizing processes; Organizational cultures; Civic engagement
RESEARCH GROUP FOR CRIMINAL JUSTICE ETHICS	link	RUC	Research group	Cultural studies	Theories of criminalization; Penal theory; Neuroscience in the courts; Neurointerventions in crime prevention; Artificial intelligence in sentencing
LANGUAGE & LEARNING	link	RUC	Research group	Media and communications	
SCIENCE STUDIES	link	RUC	Research group	Cultural studies	History of science; Sciences and human values
VISUAL CULTURE AND PERFORMANCE DESIGN	link	RUC	Research group	Media and communications	Performance studies; Design; Cultural production
MEMORY AND USES OF PASTS	link	RUC	Research group	History; Cultural studies	
AESTHETIC CULTURE	link	RUC	Research group	Cultural studies	
CENTRE FOR DIGITAL CITIZENSHIP	link	RUC	Research group	Cultural studies; Communications	
CENTRE FOR ACTION RESEARCH AND DEMOCRATIC SOCIETAL CHANGE	link	RUC	Research centre	Sociology	Sustainability and Democracy; Urban Planning; Welfare Professions; Working Life and Unions; Marginalised groups
CENTRE FOR WORKING LIFE RESEARCH (IN DANISH)	link	RUC	Research centre	Sociology	
THE DANISH CENTRE FOR RESEARCH IN EARLY CHILDHOOD EDUCATION AND CARE	link	RUC	Research centre	Early childhood pedagogy	Children's everyday life in childcare centers; Knowledge, professional expertise and working life; Pedagogical practice, policy and management
CENTRE FOR MARITIME AND MARINE RESEARCH	link	RUC	Research centre	Marine ecology	SDG 8 Decent work and economic growth; SDG 9 Industry innovation and infrastructure; SDG 13 Climate action; SDG 14 Life below water

CENTRE FOR ORGANISATIONAL PSYCHOLOGY	link	RUC	Research centre	Psychology; Management	Management efficiency and personality factors; Self-governing groups in industry; Management in public sector organizations; Communication practices in the medical industries; 'Knowing-doing gap'
CENTRE FOR SOCIAL ENTREPRENEURSHIP RESEARCH	link	RUC	Research centre	Sociology; Economics; Cultural studies	Change in the Welfare Society; Social Innovation and Partnerships;
CENTRE IN HEALTH PROMOTION	link	RUC	Research centre	Public health	Subjectivity, learning and psychosocial health; Diversity, inclusion and exclusion in health; Professional development in the healthcare sector; Health promotion policy at the regional level; Health promotion in everyday life
CENTRE FOR NATURE AND NATIONAL PARK RESEARCH (IN DANISH)	link	RUC	Research centre	Ecology	
WORKING LIFE	link	RUC	Research group	Sociology	
CHILDHOOD, YOUTH AND FAMILY LIFE RESEARCH	link	RUC	Research group	Sociology	The institutionalization of children's and young people's everyday lives and its consequences; Social processes of inclusion and exclusion; Processes of individualization; Social communities.
SUSTAINABLE DIGITALIZATION	link	RUC	Research group	Computer science; Sociology	Improving management of IT projects; Social impact of digitalization; User-driven innovation processes
CRITICAL UNIVERSITY STUDIES	link	RUC	Research group	Sociology; Pedagogy	The university as a social institution
GENDER, BODY AND EVERYDAY LIFE	link	RUC	Research group	Gender studies; Psychology	Gendered and bodily aspects of human relations

					in social environments; Gender conceptualizations
METRIK	link	RUC	Research group	Ecology; Technology studies	Green transition; Protecting and preserving natural capital
ORGANISATION, ETHICS & SOCIAL SUSTAINABILITY	link	RUC	Research group	Economics; Sociology	
PROGRAMMING, LOGIC AND INTELLIGENT SYSTEMS	link	RUC	Research group	Computer science	Interaction design, artistic and informative installations, virtual and augmented reality, and robots; Analysis and application of big data: social networks, health data, bioinformatics, Applications of logic in psychology; Program analysis for energy consumption and correctness properties.
MOBILITY, SPACE, PLACE AND URBAN STUDIES	link	RUC	Research group	Architecture; Urban studies	Cities and planning; Mobilities; Everyday life and cultural diversity; Materialities and design; Spatial politics; Tourism and cultural industries
SUBJECT, TECHNOLOGY AND SOCIAL PRACTICE	link	RUC	Research group	Sociology; Technology studies	Professional practices with children; Health practices, gender relationships, and sexualized coercion; Work practices, communities, and conflictual cooperation; Technological practices, learning, and human agency
HEALTH PROMOTION AND HEALTH STRATEGIES	link	RUC	Research group	Public health	
CIRCLES - CENTRE FOR INTERDISCIPLINARY RESEARCH AND EDUCATION IN	link	RUC	Research group	Economics; Ecology	

CIRCULAR ECONOMY AND SUSTAINABILITY							
CENTRE FOR TOURISM RESEARCH	link	RUC	Research group				
GLASS AND TIME	link	RUC	Research centre	Physics	Comprehensive simulations of computer fluids; Measurement of thermo-viscoelastic response functions; Change in physical properties of materials over time	Workshop	Data repository; CUDA-based molecular dynamics simulation package
CENTRE FOR FRUSTRATED MOLECULAR INTERACTIONS	link	RUC	Research centre	Chemistry; Biology	Nano-scale self-organized structures; Soft matter and polymers; Structural biology	2 Confocal microscopes; Workshop	
PANDEMICX CENTRE	link	RUC	Research centre	Epidemiology; Public health	Infectious disease epidemiology; Patterns and impact of human pandemics and the effect of mitigation strategies; Mathematical epidemiology		
CENTRE FOR MATHEMATICAL MODELING – HUMAN HEALTH AND DISEASE	link	RUC	Research centre	Mathematics; Biology			
CHEMISTRY	link	RUC	Research group	Chemistry	Hydrolytic enzymes; Solar cell chemistry/electrochemistry; Binding thermodynamics and micellization; Organic synthesis; Analytical chemistry; Biophysical and biological chemistry	Mass spectrometers (LC-MS; GC-MS); . NMR Spectrometer; Dynamic Light Scattering (DLS); Infrared, UV spectrometers; Preparative and analytical chromatographic equipment (HPLC, radial LC, size exclusion), rheometers (Bohlin VOR and Haake RS100), calorimeters (ITC and DSC),	

						photochemical lamps (400 and 125 W medium pressure Hg) and reaction vessels, and chemical computation facilities (Gaussian and Macromodel).
MATHEMATICS AND PHYSICS (IMFUFA)	link	RUC	Research group	Mathematics; Physics	Structure and dynamics of simple, soft and complex substances; Mathematical modelling, with a focus on dynamic systems; History of science; Mathematical modelling in biology and medicine	Workshop; experimental set-up for rolling resistance testing
ENVIRONMENTAL DYNAMICS	link	RUC	Research group	Ecology; Geography	Ecotoxicology, plastic pollution and risk assessment; Marine ecology and nutrient cycles in coastal areas; Plant ecophysiology; Biological production (copepods and microalgae); Soil processes.	2 bubble-column PBRs (50 L); 2 tubular PBRs (250 L); Equipment for PAM fluorometry (Hansatech FMS-1); Walz Image-Pam; Walz Microscopy-PAM); 2 IRGAs; CIRAS-3 single channel system; CIRAS-3 dual channel system; Field spectroradiometer; ASD FieldSpec spectroradiometer
MOLECULAR AND MEDICAL BIOLOGY	link	RUC	Research group	Molecular biology	Biomedical research (biology of cancer, pathogens, autoimmunity and life style diseases); Protein and peptide research (development and use of bioactive peptides and antifreeze proteins);	2 Confocal microscopes

					Cell biology research (molecular mechanisms in DNA replication, gene regulation and signaling)	
SOCIO-ECONOMIC RESEARCH CENTRE	link	RUC	Research centre	Economics; Political science; Sociology	Labour market organization; Capitalist transformation processes; Regulation of economic transactions and state formation; Net-zero carbon economy transition challenges; The political economy of natural-resource extraction; Effects of processes of commodification	SECO Working Paper Series
CENTRE FOR ARCTIC STUDIES AT RUC	link	RUC	Research centre	Sociology; Ecology		
CENTRE FOR GENDER, POWER AND DIVERSITY (IN DANISH)	link	RUC	Research centre	Gender studies; Sociology		
CENTRE FOR RESEARCH OF PUBLIC-PRIVATE COLLABORATION	link	RUC	Research centre	Public administration; Economics		
VELNET – THE DANISH NATIONAL NETWORK FOR WELFARE STATE STUDIES	link	RUC	Research centre	Public policy; Sociology	Nordic welfare model	
RESEARCH CENTRE FOR LIFE WITH A MOBILITY DISABILITY	link	RUC	Research centre	Public policy; Sociology	Mobility disability from a child and youth perspective	
CHANGING SOCIETIES: WELFARE AND DIVERSITY	link	RUC	Research group	Public policy; Sociology	Diversity and equality; Labour market and welfare; Work and care; Marketisation and partnerships	
ECONOMIC POLICY, INSTITUTIONS AND CHANGE	link	RUC	Research group	Economics	Capitalist transformations and development; International trade and sustainability; Macroeconomics, money and finance	

GLOBALIZATION AND EUROPEANIZATION	link	RUC	Research group	European studies	Globalisation and regionalisation processes and the European Union
GLOBAL POLITICAL SOCIOLOGY	link	RUC	Research group	Anthropology; Area Studies; Law; Sociology; Political science	Collaborative knowledge production; Corporate security in mining and energy sectors; Democratic participation, activism and social innovation; Global Christianity; The globalization of the Indian Ocean region
INNOVATION IN SERVICES AND EXPERIENCES	link	RUC	Research group	Business administration	Service innovation; Experiences; Tourism; Digitalization
INTERNATIONAL DEVELOPMENT RESEARCH GROUP	link	RUC	Research group	Anthropology; Cultural studies; Economics; Gender studies; Geography; History; International relations; Political science; Sociology.	Resource contestations; Global aid flows; Neo- and postcolonialism; Proliferation of new actors and technologies in development: Challenging existing hegemonic norms and orders
TRANSFORMATION AND ORDERING OF POLITICAL INSTITUTIONS	link	RUC	Research group	Public administration; Political science	Government and governance relations; Democracy, legitimacy, accountability and transparency in the public control of political institutions; Forms of power and authority
POWER, IDENTITY AND CRITIQUE	link	RUC	Research group	Cultural studies	Critical theory and philosophy of science; Neo-liberalism, populism and multiculturalism: impact on political discourses and decision-making
ROSKILDE SCHOOL OF GOVERNANCE	link	RUC	Research group	Public administration	Role of networks, partnerships, relational contracts and deliberative policy arenas in face of hierarchical and market-

					based forms of governance; Organizational and institutional design; New tools of governing; Active citizenship
SOCIAL DYNAMICS AND CHANGE	link	RUC	Research group	Public administration; Sociology; Political science	Civil society and social cohesion; Citizenship and identity; Activism and radicalisation; Social risk; Reorganisation of the welfare state
MANAGEMENT AND ORGANISATION	link	RUC	Research group	Management	Financing and marketing; Organization and leadership; Trust and job satisfaction; Public relations, legitimation, ethics and responsibility; Communication, crises and conflicts in and between organizations
CENTRE FOR RESEARCH ON PROBLEM-ORIENTED PROJECT LEARNING	link	RUC	Research centre	Pedagogy	Learning theory; Situated practice; Education policy; Educational history and philosophy; Measuring learning outcomes
CENTRE FOR BIG DATA	link	RUC	Research centre	Computer science	Big data analytics; Methodologies, modelling, big data learning; Visualisations of big data
CENTRE FOR INVESTIGATIVE JOURNALISM	link	RUC	Research centre	Journalism; Media and communications	Application of open-source investigation methodology and logic to investigations on environmental and human rights violations
CENTRE FOR VIRTUAL LEARNING TECHNOLOGIES	link	RUC	Research centre	Pedagogy; Computer science	VR technologies in science education
MATHEMATICS AND STATISTICS	link	UKON	Department	Mathematics; Statistics	Analysis / Mathematics in the natural sciences; Numeric optimization and numerics; Real geometry

					and algebra; Mathematical logic, quantity theory and model theory; Differential geometry; Stochastics	
COMPUTER AND INFORMATION SCIENCE	link	UKON	Department	Computer science	Bioinformatics and Information Mining; Visual Computing; Computer Vision and Image Analysis; Database and Information Systems; Data Analysis and Visualization; Theory of Computing; Software and Systems Engineering; Modelling of Complex Self-organizing Systems; Human- Computer Interaction; Multimedia Signal Processing; Cyber-Physical Systems; Database and Information Systems; Life Science Informatics; Data and Information Mining; Algorithmics; Virtual Reality for Animal Collectives	Powerwall for big data visualization
MEDIA ROOM	link	UKON	Lab	Computer science	Multimodal Interaction & User Interface Design	Input devices: multi-touch, laser pointer, hand-gestures, body tracking, eye-gaze, speech; Output devices: tablets, tabletops, HD-Wall & vertical-aligned displays, 4K display, audio & tactile feedback
USABILITY LAB	link	UKON	Lab	Computer science	Interaction design and visualization techniques evaluation	high-end testing equipment incl. (mobile) eye tracking systems
INTERACTION LAB	link	UKON	Lab	Computer science	Physical prototyping, sketching and video editing	tools for electrical and mechanical

						engineering; workstations for video editing and interactive design
MIXED REALITY LAB	link	UKON	Lab	Computer science	Embodied cross-reality interactions	Optitrack; head-mounted displays (Hololens, HTC Vive)
COMPUTER VISION LAB	link	UKON	Lab	Computer science	Real-time vision and sensor fusion	Lytro Illum plenoptic camera; KUKA youBot mobile platform
IMMERSIVE ANALYTICS (XR) LAB	link	UKON	Lab	Computer science		Mini-CAVE; HMDs; Fish-tank VR; Holographic displays
PHYSICS	link	UKON	Department	Physics	Light and matter; Soft matter; Theory of quantum transport; Condensed matter theory and quantum information; Theory of soft matter; Nanostructures and clusters; Modern material science; Ultrafast phenomena and photonics; Physics of complex materials; Statistical physics; Theory of magnetic materials; Mesoscopic systems; Hybrid nanostructures; Quantum engineered systems; Low- dimensional systems; Superconducting spintronic and quantum devices; Nanooptics; Photovoltaics	
PBHE - DEPARTMENT OF PHYSICS HELIUM TEAM	link	UKON	Research Facility	Physics		supply of liquid helium at low and lowest temperatures
NANOSTRUCTURE LABORATORY - NANO.LAB	link	UKON	Lab	Physics		electron microscopes; lithography systems;

						coating lines; dry etch systems
SCIENTIFIC COMPUTER CLUSTER (SCCKN)	link	UKON	Platform For Computational Resources	Physics; Computer science	High Performance Computing (HPC); High Throughput Computing (HTC, "Big Data")	
CHEMISTRY	link	UKON	Department	Chemistry	Physical Chemistry; Physical and Biophysical Chemistry; Natural Product Synthesis and Synthetic Methodology; Chemical and Synthetic Biology of Nucleic Acids; Biophysical Chemistry; Didactics of the Natural Sciences; Physical Chemistry and Nuclear Magnetic Resonance; Organic Chemistry / Cellular Chemistry; Magnetic Resonance Spectroscopy; Chemical Materials Science; Theoretical and Computer-Aided Chemistry; Physical Chemistry; Inorganic Chemistry: Organometallic Chemistry; Colloid Chemistry; Organic and Bioorganic Chemistry; Physical Chemistry 2; Chemical biology	Lab equipment
NMR CORE FACILITY	link	UKON	Lab	Chemistry	Nuclear magnetic resonance	NMR equipment
BIOLOGY	link	UKON	Department	Biology	Neurobiology; Human & Ecotoxicology; Biochemical Pharmacology; Molecular Toxicology; Collective Behaviour; Neurophysiology; Ecology of Animal Societies; Molecular Microbiology; Molecular Bioinformatics; Ecotoxicology; Environmental Genomics	

					in Aquatic Systems; Insect Olfaction; Immunology; Cell Biology; Plant Physiology and Biochemistry; Behavioral Neurobiology; Sociality & Evolution; Plant Ecophysiology; Biomedicine; Biophysics and Structural Biology; Molecular Genetics; Evolutionary Biology; Neuroethology; Cellular Biochemistry; Cellular Immunology; Microbial Ecology; Plant Interactions Ecophysiology; Chemical Ecology & Biological Chemistry; Biochemistry & Proteomics; Animal Behavior; Evolutionary Ecology; Ecology	
BIOIMAGING CENTRE	link	UKON	Lab	Biology		Imaging equipment
ELECTRON MICROSCOPY CENTRE	link	UKON	Lab	Biology	Training and applications for EM equipment	
FLOW CYTOMETRY CENTRE	link	UKON	Lab	Biology	Flow cytometry; Cell sorting; Multiplexing	Equipment list
SEQUANA - SEQUENCING ANALYSIS CORE FACILITY	link	UKON	Lab	Biology	Sequencing analysis for genetics and molecular biology research	Equipment and hardware
PROTEOMICS CENTRE	link	UKON	Lab	Biology	Mass spectrometry; Sample preparation	Mass spectrometry equipment; Electrophoresis systems etc.
SCREENING CENTRE	link	UKON	Lab	Biology	Compound screening; Hybridoma antibody service; Data evaluation	Equipment list
BOTANICAL GARDEN	link	UKON	Garden	Biology		
ZOOLOGICAL EXHIBITION	link	UKON	Exhibition	Biology		
ANIMAL RESEARCH FACILITY	link	UKON	Research Facility	Biology	Experiments on animals in accordance with animal	

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					protection and welfare standards	
CHEMICAL AND BIOLOGICAL PRINCIPLES OF CELLULAR PROTEOSTASIS	link	UKON	Collaborative Research centre	Chemistry; Biology		
BIOTECHNOLOGY INSTITUTE THURGAU	link	UKON (Kreuzlingen, Switzerland)	Institute	Biotechnology	Application-oriented research in tumor biology, immunology and cell biology	
LIMNOLOGICAL INSTITUTE	link	UKON	Institute	Biology	Aquatic Ecology and Evolution; Food Web Ecology; Environmental Physics; Environmental Genomics; Genetics of Adaptation in Aquatic Systems	
CENTRE FOR VISUAL COMPUTING OF COLLECTIVES (VCC)	link	UKON	Research centre	Behavioral studies; Biology; Computer science; Sociology	Animal collective behaviour	Imaging Hangar; Fish Labs; Computer Graphics Labs; Network Analytics Lab; Virtual Reality Lab; Control Room and Analytics Lab; Data Theatre
IMAGING HANGAR	link	UKON	Lab	Behavioral studies; Biology; Computer science	Animal collective behaviour	
IMAGING BARN	link	UKON	Lab (Aviary)	Behavioral studies; Biology; Computer science	Animal collective behaviour	30 infrared motion-capture cameras from VICON; RGB cameras; active and passive acoustic position tracking; potential platform for Virtual Reality
PSYCHOLOGY	link	UKON	Department	Psychology	Social Psychology and Decision Sciences; Experimental Clinical Psychology; Clinical Psychology; Methods for	riskyrApp interactive application for risk; iScience resources for

					Intensive Data in Psychology; Clinical Neuropsychology; Experimental Psychology & Internet Science; Psychological Assessment and Health Psychology; Developmental Psychology/Normativity Lab; General and Biological Psychology; Work and Health Psychology; Forensic Psychology	internet-based experiments;
BIOCHEMICAL LABORATORY AT THE CHAIR OF CLINICAL NEUROPSYCHOLOGY	link	UKON	Department	Neuropsychology	analysis of saliva and plasma samples	ELISA microplate reader
PHILOSOPHY	link	UKON	Department	Philosophy	Philosophy of Mind; Theoretical Philosophy with a focus on Agency; Practical Philosophy; Metaphysics, Epistemology, and Logic; Philosophy and Hermeneutics; Philosophy of Mathematics	
THE PHILOSOPHICAL ARCHIVE (IN GERMAN)	link	UKON	Archive	Philosophy	History of science and philosophy archive (esp. 20th c.)	
HISTORY, SOCIOLOGY, SPORT SCIENCE AND EMPIRICAL EDUCATIONAL RESEARCH	link	UKON	Department	History; Sociology; Education; Sport Science	History: Ancient History; Archaeology of Ancient Mediterranean and Near Eastern Cultures; Ancient Political Cultures; Historical Mediation Competence; Medieval History; History of Religions; Early Modern History; Modern History, 19th/20th Century; Music and Idea History; Economic History; History of Knowledge; Contemporary History;	

					History of Eastern Europe; Didactics in the Social Sciences
					Sociology: Microsociology; Empirical Social Research and Higher Education Research; Empirical Social Research with a focus on Survey Research; General Sociology and Macrosociology; General Sociology and Cultural Sociology; Sociology with a focus on Gender Studies; Social and Political Anthropology; Social and Cultural Anthropology Education: Development and education in early childhood; Educational science; Inclusive education; Teaching research with focus on heterogeneity; Empirical educational research
					Sport Science: Sport Psychology; Training and Movement Science; Social and Health Sciences; Motor Development in Early Childhood
RESEARCH GROUP ON HIGHER EDUCATION	link	UKON	Research group	Sociology	German universities; Student orientations
KNOWLEDGE PRACTICES AND SOCIAL MOVEMENTS	link	UKON	Research group	History; Sociology; Ethnology; Media studies;	
CENTRE FOR CULTURAL INQUIRY	link	UKON	Research centre	Cultural studies; Literary and Media Studies; History; Art History; History of Knowledge; Sociology; Anthropology; Law;	social cohesion; global mobility of aesthetic and social forms; cultures of plausibilization; rethinking infrastructure; game studies

					Philosophy; Political Studies		
SURVEYLAB	link	UKON	Lab	Sociology	web-based and telephone-based survey studies	6 interview workstations; software tools for online- and telephone-surveys	
SOCIAL SCIENCE ARCHIVE	link	UKON	Research centre; Archive	Sociology	Collection and study of estates of emigrated German-language social scientists		Archive inventory
LITERATURE, ART AND MEDIA STUDIES	link	UKON	Department	Cultural studies; Literature; European studies; Sociology; Anthropology			
EUROPEAN CULTURES IN A MULTIPOLAR WORLD	link	UKON	Research centre	Cultural studies; Literature; History; European studies; Sociology; Anthropology			
RESEARCH INSTITUTE SOCIAL COHESION – SECTION KONSTANZ	link	UKON	Institute	Cultural studies; Law; Media studies; Politics; Sociology; Psychology; History; Anthropology	origins of social cohesion		
HUMAN PERFORMANCE RESEARCH CENTRE	link	UKON	Research centre	Sport science	Movement and exercise science		
EXERCISE PHYSIOLOGY LAB	link	UKON	Lab	Sport science	Movement and exercise science	Geratherm Respiratory Ergostik; Amedtec ECGPro; Lactate Pro 1&2; Polar V800; Telozo Clue Medical; Ergoline 200k	
SENSORIMOTOR PERFORMANCE LAB	link	UKON	Lab	Sport science	Movement and exercise science	4 EMG systems; 3 PNS stimulators; TMS machine	
NEUROMECHANICS LAB	link	UKON	Lab	Sport science	Movement and exercise science	Force plates; Motion capturing system and cameras; Microgate Optogait; IsoMed 2000	

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POSTURE CONTROL LAB	link	UKON	Lab	Sport science	Movement and exercise science	Tilt platform; Galvanic vestibular stimulator; Virtual Reality System	
LITERATURE, ART AND MEDIA STUDIES	link	UKON	Department	British and American Studies; German literature; Art History; Latin Literature; Media Studies; Romance Literatures; Slavic Literatures;	British and New English Literatures and Cultures; German Literature and Cultural Theory; Art History and Art Pedagogy; Latin Literature; Reception of Latin Literature		
LINGUISTICS	link	UKON	Department	Linguistics	Prosody and Intonation; Slavic Linguistics; Computational Linguistics; English Linguistics; Germanic Linguistics; Phonology; Neurolinguistics; Artificial Intelligence; Romance Linguistics; Multilingualism; Semantics		
QUESTIONS AT THE INTERFACES	link	UKON	Research Unit	Linguistics; Computer science	Question formation, esp. non-canonical questions		
BABY SPEECH LAB	link	UKON	Research centre; Lab	Linguistics	Language acquisition in early childhood		KIDS corpus
KIDS CORPUS	link	UKON	Database		Prosodically annotated infant-directed speech corpus		
COMPUTATIONAL LINGUISTICS LAB	link	UKON	Research centre; Lab	Linguistics		Apple computers; computational & general linguistics software	
NEUROLINGUISTICS LAB	link	UKON	Research centre; Lab	Linguistics		EEG machine	
PHONLAB	link	UKON	Research centre; Lab	Linguistics	Phonology	List of audio and video hardware	
PSYCHOLINGUISTICS LAB	link	UKON	Research centre; Lab	Linguistics			
RARA AND UNIVERSALS ARCHIVE	link	UKON	Database	Linguistics	Linguistic rara and universals		
CENTRE FOR MULTILINGUALISM	link	UKON	Research centre	Linguistics			

POLITICS AND PUBLIC ADMINISTRATION	link	UKON	Department	Political science; International relations; Public administration	Diigital governance; Survey Research; Political Methodology; Computational Social Science; Quantitative Social Science; International Politics; Global Inequality; International Politics; Management, Strategy and Leadership; Organizational Behavior		Traditional Institutions in Sub-Saharan Africa database; Impact of transnational policy learning and domestic veto players in environmental policy dataset; Politics of Constitutional Change in the European Union database; Environmental Policy Convergence in Europe dataset Datasets
CENTER FOR DATA AND METHODS	link	UKON	Research centre	Political science; International relations; Public administration			
COMPARATIVE POLITICS	link	UKON	Research group	Political science; International relations; Public administration	Representation, public policy and political economy in advanced democracies		
EMPIRICAL AND NORMATIVE DEMOCRATIC THEORY	link	UKON	Research group	Political science; International relations; Public administration	Welfare state reforms; Politics and society in Scandinavia; Post-democracy; Theories of social justice		
COMPARATIVE POLITICAL ECONOMY	link	UKON	Research group	Political science; International relations; Public administration	Education and social policy, social inequality, the welfare state		
POLITICAL THEORY	link	UKON	Research group	Political science; Philosophy; Sociology; Psychology	Populism and Democracy; Climate Ethics		

GERMAN POLITICS AND PUBLIC ADMINISTRATION	link	UKON	Research group	Political science; Public administration	Political representation and party competition; Regionalism and federalism; Migration and integration	
INTERNATIONAL POLITICS	link	UKON	Research group	Political science; International relations; European studies	Decision-making in the EU; European integration; National preference formation; Comparative regionalism	
DEVELOPMENT	link	UKON	Research group	Political science; International relations	Violence and Social Development; Road Safety and Development; Women's Empowerment; Terrorism	
THE POLITICS OF INEQUALITY	link	UKON	Cluster of Excellence	Political science; Sociology; Economy; Linguistics; Psychology; Education	Perceptions of Inequality, Political Participation and Policies with regard to Inequality	
INTERNATIONAL RELATIONS	link	UKON	Research group	International relations		
COMMUNICATION, NETWORKS AND CONTENTION	link	UKON	Research group	Political science	Information- & communication technology and political mobilization; Inequality and political violence; Event data collection and methodology; New techniques for social science data collection	
PUBLIC ADMINISTRATION	link	UKON	Research group	Public administration	Policy implementation; Europeanization and European integration; Street-level bureaucracy; Multilevel governance and problem-solving	
LAW	link	UKON	Department	Law		Repository on German sanctioning system; Crime trends in Germany

INSTITUTE FOR LEGAL FACT RESEARCH	link	UKON	Research centre	Law			
RESEARCH CENTRE IMMIGRATION & ASYLUM LAW	link	UKON	Research centre	Law			
CONSTANCE SEMINAR ON LEGAL DEVELOPMENT	link	UKON	Research group	Law			
KONSTANZER INVENTAR	link	UKON	Database	Law	German sanctioning system; Crime trends in Germany		
ECONOMICS	link	UKON	Department	Economics	Decision-making; Macroeconomics; Labor & Public economics; Finance and econometrics; Business and economics education		Working papers repository
THURGAU INSTITUTE OF ECONOMICS	link	UKON (Kreuzlingen, Switzerland)	Institute	Economics	Experimental research in behavioral economics		
CENTER FOR PSYCHOECONOMICS	link	UKON	Research centre	Economics; Psychology; Education	Interaction between conflicting motives and strategies in determining human behavior		
CENTER FOR QUANTITATIVE METHODS AND SURVEY RESEARCH	link	UKON		Sociology; Economics; Statistics	Survey methodology; Econometrics; Model building		
CENTRE FOR THE ADVANCED STUDY OF COLLECTIVE BEHAVIOUR	link	UKON	Cluster of Excellence	Behavioural science; Biology; Neurobiology; Psychology; Sociology; Behavioral Economics; Computer science; Mathematics; Physics	Individuals in the collective; aggregation in the collective; computational models	Collective Computational Unit	
LAKELAB	link	UKON		decision-making studies	Computer laboratory, eye-tracking, skin conductance	zTree	
ANISOTROPIC PARTICLES AS BUILDING BLOCKS	link	UKON	Collaborative Research centre	Chemistry; Physics			

FLUCTUATIONS AND NONLINEARITIES IN CLASSICAL AND QUANTUM MATTER BEYOND EQUILIBRIUM	link	UKON	Collaborative Research centre	Physics	
QUANTITATIVE METHODS FOR VISUAL COMPUTING	link	UKON	Collaborative Research centre	Computer science; Psychology; Linguistics	
MEDIA AND PARTICIPATION	link	UKON	Network Platform	Media studies	
GERMAN-AUSTRIAN(-SWISS) INTERNATIONAL RESEARCH GROUP "NEW INSIGHTS INTO BCL-2 FAMILY INTERACTIONS: FROM BIOPHYSICS TO FUNCTION"	link	UKON	Research group	Biology; Physics	
CENTER FOR ALTERNATIVES TO ANIMAL TESTING - EUROPE	link	UKON	Research centre	Biology	Consumer protection, human health; New Approach Methodologies; 3Rs (refinement, reduction, replacement); Toxicological testing strategies and systems toxicology
SCIKON	link	UKON	Platform		Online platform for UKON research projects, scientific collaborators and publications
CENTRE FOR APPLIED PHOTONICS	link	UKON	Research centre	Physics; Chemistry; Biology	
FORSCHUNGSINSTITUT GESELLSCHAFTLICHER ZUSAMMENHALT	link	UKON	Institute	Sociology; Law; Media studies; Cultural studies	
RESILIENCE OF LAKE ECOSYSTEMS	link	UKON	Research group	Biology; Ecology	Freshwater ecosystems under pressure
ZUKUNFTSKOLLEG (INSTITUTE FOR ADVANCED STUDY)	link	UKON	Institute		Promotion of independence of non-tenured researchers
DEPARTMENT OF ARCHAEOLOGY	link	NBU	Department	Archaeology	Settlement and burial archaeology; Models of social evolution and systems of exchange;

					Ethnic changes and migrations; Transformation of settlement patterns	
LABORATORY OF ARCHAEOMETRY AND EXPERIMENTAL ARCHAEOLOGY	link	NBU	Lab	Archaeology		RTI; GIS
DEPARTMENT OF HISTORY	link	NBU	Department	History	Balkan history, culture and art since the Middle Ages, the sources of knowledge and historiography	
DEPARTMENT OF ADMINISTRATION AND MANAGEMENT	link	NBU	Department	Public administration: Business dministration; Government	Corporate governance; Management and innovation; Public policy and administration; Tourism and hospitality; European transport policy; European institutions; development trends in the EU member states	
QUANTITATIVE METHODS AND MODELING	link Head	NBU	Research centre	Economics; Business administration	Risk analysis; Mathematical modeling	
JEAN MONNET CENTER OF EUROPEAN POLITICS	link	NBU	Research centre	European studies		
PUBLIC POLICY LAB	link Head	NBU	Research group	Political science		
ECONOMICS DEPARTMENT	link	NBU	Department	Economics; Business administration	Corporate management and governance; Corporate finances; Corporate marketing; Investment management and financial innovations; International business; EU integration processes	
TRAINING COMPANY	link Head	NBU	Lab	Business administration; Economics	Implementing learning by doing	
DEPARTMENT OF PHILOSOPHY AND SOCIOLOGY	link	NBU	Department	Philosophy; Sociology	Social and political philosophy; Applied ethics; Philosophy of language; Philosophy of education; Theory and methodology	

					of sociological knowledge; Sociology of values; Sociology of everyday life; Normative systems and institutional practices; Sociology of power, law and medicine		
CENTRE FOR THE STUDY OF EUROPEAN VALUES	link Head	NBU	Research group	European studies; Sociology			
DEPARTMENT OF ANTHROPOLOGY	link	NBU	Department	Anthropology	Anthropology of Europe; Anthropology of the Balkans and the countries from the Black Sea region; Anthropology of/in the city; Visual Anthropology		
VISUAL ANTHROPOLOGY LAB	link Head	NBU	Research centre	Anthropology; Film; Marketing	Visual Anthropology	Video recording equipment	
DEPARTMENT OF HEALTH CARE AND SOCIAL WORK	link	NBU	Department	Public health; Linguistics; Psychology; Medicine	Child development disorders; Communication disorders in children and adolescents; Interpersonal interactions; De-institutionalization and social integration of children; Telemedicine; Speech pathology		
CENTRE FOR TREATMENT OF CHILDHOOD COMMUNICATION AND EMOTIONAL-BEHAVIOURAL DISORDERS	link Head	NBU	Research centre	Health Care and Social Work	Diagnostics, counseling and medical therapy; Speech therapy, psychotherapy, art therapy	Diagnostic and examination equipment and materials; Edu–link system	
DEPARTMENT OF CINEMA, ADVERTISING AND SHOW BUSINESS	link	NBU	Department	Film; Marketing; Management; Fine arts; Media studies	Dramaturgy; Show production, Film and TV cinematography; Fine arts; Graphic design; Advertising; Animation; Photography		
ANIMATION FILM LABORATORY	link Head	NBU	Lab	Visual arts	Animation film	3 workstations; specialized software for creating, processing and	Bulgarian and foreign animated films archive

						editing 2D animation films (vector and raster graphics); TV, video and DVD recorder
GRAPHIC DESIGN LABORATORY	link Head	NBU	Lab	Marketing; Design		Workstations; Specialised design equipment and software
PHOTOGRAPHY LABORATORY	link Head	NBU	Lab	Photography		Broncolor studio lighting, standard reflectors and softboxes; Mamiya 645 medium format camera; Canon 20D digital camera; Nikon u 70 classic camera; flashmeter and colorimeter
RADIO STUDIO	link Head	NBU	Lab	Media studies	Radio and podcasting technology and journalism	Professional radio console; 5" and 8" sound monitors; broadcast microphones, headphones; voice recorders
UNIVERSITY FILM CENTRE	link Head	NBU	Lab	Film; Marketing		Cameras, lenses, tripods, mounting station, crane
DEPARTMENT OF INFORMATICS	link	NBU	Department	Computer science; Mathematics	Non-material sphere automation; Computer science pedagogy; Algebra and number theory; Differential equations; Applied geometry and engineer graphics; Operational research; Cognitive linguistics; Automatic construction engineering systems; Computing machinery and management systems; Complex networks	

DIGITAL INNOVATION LAB	link Head	NBU	Lab	Computer science	Big data & data analytics; Image recognition and visualization; Natural languages; e-Leadership	
DEPARTMENT OF POLITICAL SCIENCE	link	NBU	Department	Political science	Migration; EU politics; Bulgarian politics	
DEPARTMENT OF ARCHITECTURE	link	NBU	Department	Architecture; Sociology	Project design; Sustainable development and "social diagnosis"; Social integration and solidarity	
DEPARTMENT OF DESIGN	link	NBU	Department	Design	Apparel design	CAD system ASSYST–BULLMER
EXPERIMENTAL FASHION ART WORKSHOP	link Head	NBU	Lab	Design	Apparel design	Apparel design equipment
DEPARTMENT OF FINE ARTS	link	NBU	Department	Fine arts	Painting; Graphics; Sculpture; Ceramics; Graphic design; Stage design	
CERAMICS WORKSHOP	link Head	NBU	Lab	Fine arts	Ceramic techniques	Potter's wheel; molding press; glazing compressor; flex machine; drill, glazing gun; 3D ceramic printer; ceramic kilns
DEPARTMENT OF FOREIGN LANGUAGES AND CULTURES	link	NBU	Department	English; Romance languages; German	General and comparative linguistics; Translation theory and practice; Foreign language teaching methodology; Literature and culture of the English, German, French, Spanish and Italian speaking countries	
DEPARTMENT OF LAW	link	NBU	Department	Law		
DEPARTMENT OF MEDIA AND COMMUNICATIONS	link	NBU	Department	Media studies; Communications; Journalism		
DEPARTMENT OF MEDITERRANEAN AND EASTERN STUDIES	link	NBU	Department	Classics; Egyptology; Arabic	Ancient Greece and Rome; Ancient Egypt;	

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Name	Link	Inst.	Type	Fields	Research	Equipment
				studies; Islamic studies; History	Mesopotamia; Arab culture; Teaching Arabic	
BULGARIAN INSTITUTE OF EGYPTOLOGY	link	NBU	Research centre	Egyptology; Archaeology	Ancient egyptian literature; Archaeological fieldwork (tomb of Piay (TT 263) in Luxor (Sheikh abd el-Gurna)	
DEPARTMENT OF MUSIC	link	NBU	Department	Music; Dance	Music performance; Vocal performance; Computer music composition; Dance performance; Music management and production	
STANISLAV STANCHEV-STENLI EDUCATIONAL, PRACTICAL AND RESEARCH CENTRE FOR COMPUTER MUSIC AND SOUND DESIGN	link Head	NBU	Lab	Music	Computer music experiementation and composition	Digidesign -Digi 003 Factory sound recording system; MIDI keyboard M audio Auxilary; Digidesign Mbox2 PRO audio mastering system; Steinberg Cubase Studio 4 recording software; Alesis input/output device; DSP1124P multi-function signal processor; Sound recording and music editing software; synthesizers; electronic drums; VST sound banks; PLUG IN;
DEPARTMENT OF NATIONAL AND INTERNATIONAL SECURITY	link	NBU	Department	International relations; Public policy	National and international security strategies and policies	
DEPARTMENT OF NATURAL SCIENCES	link	NBU	Department	Geology; Biology; Ecology	Hydrology and hydrogeology; Mineralogy and crystallography; Natural disaster risk assessment; Natural resources preservation;	

					Ecological management; Food quality; Physics of new materials; Alternative tourism	
INSTITUTE FOR ADVANCED PHYSICAL STUDIES	link	NBU	Research centre	Physics; Mathematics	Soliton theory; Quantum mechanics; Plasma physics; Structure of the atomic nucleus	
GEOLOGY LABORATORY	link Head	NBU	Lab	Geology	Mineralogy; Crystallography; Geoarchaeology; Modified natural minerals; New materials	Simultaneous Thermal Analyzer TG/DTG-DSC Setline STA, SETARAM; Levenhuk 3ST microscope; GeoSurveyor 002A Compass Clinometer; DBS 60-3GPS GARMIN eTrex10 moisture analyzer scale; GPS eTrex 10, GARMIN
NATURAL DISASTERS AND RISK LABORATORY	link Head	NBU	Lab	Ecology	Natural Sciences; Environmental sciences	GPRS radar; GPS; Radiometers; Electrospectrometers
MARINE BIOLOGY LABORATORY	link Head	NBU (Sozopol)	Lab	Biology; Ecology	Zoology and physiology of marine animals; Structure and physiology of algae	Microscopes and Stereomicroscopes
VIROLOGY LABORATORY	Head	NBU	Lab	Biology; Medicine	General Virology, Human Virology, Plant Virology, Testing antiviral activity of substances, Molecular genetic analyses	Biosafety Laminar Flow Cabinet Type II Hera Safe; Liquid nitrogen dewars Air Liquid Cryo Pal, 12 L; CO2 Incubator Mem-mert; ZEISS Axio Vert.A1 Inverted Microscope; LuMate 4400 Microplate Luminometer; Chro-

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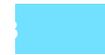|						Mate; Eppendorf Centrifuge 5418R with cooling; DeNovix Spectrophotometer; StepOnePlus™ Real-Time PCR System; Syngene™ NuGenius Gel Documentation System; Ciro Fiocchetti ice maker AF1103A
BIOLOGY LABORATORY	link	NBU	Lab	Biology	Environmental microbiology; Food microbiology; General biochemistry; Microbial biochemistry; Molecular microbiology; Molecular genetics	OLYMPUS CX31microscope; Boeco educational microscopes; ZEISS stereomicroscope, KERN electronic balances; SANYO autoclave; MEMMERT incubator; UV/VIS spectrophotometer; EPPENDORF centrifuge; HANNA pH meter; BIOSAN OS-20 Orbital shaker; PCR THERMO, Electrophoreses equipment; Ice Maker; KJELDAHL Velp Scientifica, Chemical storage safety cabinet
BOTANY AND ZOOLOGY LABOLARORY	Head	NBU	Lab	Biology	Plant and animal taxonomy, Plant and animal diversity, medicinal properties of plants, Plant and animal anatomy and morphology	Microscopes and Stereomicroscopes
CHEMISTRY LABORATORY	Head	NBU	Lab	Chemistry	Organic and inorganic chemistry	pH meter; chemical storage safety

Name	Link	Institution	Type	Field	Research areas	Equipment
						cabinet; fume hood; laboratory reactors
ANATOMY AND HISTOLOGY LABORATORY	Head	NBU	Lab	Biology	Human anatomy and histology, Animal anatomy and histology	3D- anatomic human model; Anatomic charts; Human and animal skeletons; Histological collections
DEPARTMENT OF NEW BULGARIAN STUDIES	link	NBU	Department	Bulgarian literature		
DEPARTMENT OF TELECOMMUNICATIONS	link	NBU	Department	Computer science; Engineering	Telecommunications and computer network systems	
DEPARTMENT OF THEATER	link	NBU	Department	Theater	Theater performance	
DEPARTMENT OF COGNITIVE SCIENCE AND PSYCHOLOGY	link	NBU	Department	Cognitive Science; Psychology		
LABORATORY OF EXPERIMENTAL PSYCHOLOGY	link Head	NBU	Lab	Experimental Psychology	Attention; Perception of objects, faces, sounds and time; Language; Thinking; Memory; Spatial relationships; Learning	5 soundproof rooms; specialized software and eqipment
NEUROSCIENCE LABORATORY	link Head	NBU	Lab	Neuroscience	Cognitive psychophysiology; Neuropsychology	64-channel Science Beam EEG; Biopac polygraph (with ECG, SGC, HR, BP sen-sors); E-prime 3 software for experi-ment scripting
DECISION AND BEHAVIOR RESEARCH LABORATORY (DECISION LAB)	link Head	NBU	Lab	Psychology; Behavior science	Individual decision making; decisions in the context of game theory; Social dilemmas; Moral dilemmas; Moral judgement; Online user behavior; Universal design and accessibility	Eye-tracking equipment
LABORATORY "ARTIFICIAL COGNITIVE SYSTEMS"	link Head	NBU	Lab	Psychology	Agent-based simulation environment studies; Artificial cognitive systems (software and robots)	
CHILD DEVELOPMENT LABORATORY	link Head	NBU	Lab	Psychology		

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KNOW-HOW CENTER FOR ALTERNATIVE CHILD CARE	link	NBU	Research centre	Psychology; Education		
BULGARIAN INSTITUTE FOR HUMAN RELATIONS	link	NBU	Research centre	Psychology	Mental health; Child mental health; Mental health in the prison system	
COMPUTATIONAL AND APPLIED LINGUISTICS CENTER	link	NBU	Research centre	Linguistics; Computer science	Corpus linguistics; Contrastive linguistics	
LABORATORY FOR LANGUAGE TECHNOLOGIES	link	NBU	Lab	Linguistics; Computer science	Linguistic software design and development; E-resources and linguistic products (monolingual and multilingual text collections and annotated corpora, applications)	
STUDENT PSYCHO-SOCIAL CENTRE	link Head	NBU	Lab	Psychology	Individual case work (counselling, psychotherapy, social work in the community); Family counselling	
SOUTHEASTERN EUROPEAN CENTER FOR SEMIOTIC STUDIES	link	NBU	Research centre	Semiotics	Social and textual semiotics; Peirce studies; Applied semiotics (new media, marketing, communications, food, education)	
SEMIOTIC AND SOCIOLOGICAL RESEARCH LABORATORY	link	NBU	Research centre	Semiotics; Business administration; Sociology	Advertising and brand management; market and consumer behaviour studies	
UNIVERSITY ARCHIVE	link	NBU	Archive		Institutional archive; Bulgarian philosophicla archive; Personal archives of Bulgarian scientists and artists	
SCHOLAR ELECTRONIC REPOSITORY	link	NBU	Platform		Repository of scientific output by NBU academic staff and post-graduate students.	
SOCIAL ANTHROPOLOGY AND HISTORY	link	UAEG	Department	Anthropology; History; Ethnography	Family, gender, kinship, immigration, minority groups, ethnic identities	Computer center

LABORATORY FOR ETHNOGRAPHIC APPROACHES TO THE STUDY OF LANGUAGE	link	UAEG	Lab	Linguistics; Ethnography	Pragmatics, Sociolinguistics, Discourse analysis, Conversation analysis	
HISTORY LAB	link	UAEG	Lab	History	Social, cultural and political history.	
ETHNOGRAPHY LAB	link	UAEG	Lab	Anthropology; History; Ethnography	Migration and cultural differentiation; Local, ethnic and national identities; Gender, kinship and sociality; Body and sexuality; Religion and ritual practices; Co-operative businesses in tourism; Ethnographies of the school	Archive of Greek Ethnography database
FAMILY AND KINSHIP STUDIES LAB	link	UAEG	Lab	Anthropology; Sociology	structures of kinship; genealogical research; anthropology of childhood; new forms of family; kinship, science and technology; sexuality, gender and reproduction.	
OBSERVATORY OF THE REFUGEE AND MIGRATION CRISIS IN THE AEGEAN	link	UAEG	Lab	Sociology		Archive
ENVIRONMENT	link	UAEG	Department	Ecology; Biology; Climate science	Sustainable development; Renewable energy; Flora and fauna management; Circular bioeconomy; Tourism	
REMOTE SENSING LABORATORY	link	UAEG	Lab	Ecology	Topographic mapping, remote sensing, GIS, GPS, Photogrammetry with UAS, cartography, and new technologies, LIDAR, IFSAR UAS for environmental applications	Photogrammetry and photointerpretation equipment; Radiometer; Digital photogrammetry system; Surveying systems with compasses; High-res digital cameras; SLR digital cameras;

						digital video thermal infrared machine	
REGIONAL AND INSULAR DEVELOPMENT LABORATORY	link	UAEG	Lab	Ecology	Sustainable island development and management; Energy, water and waste management; Island ecosystem management		Repository of evidence for insularity; Atlas for Greek and European islands; Greek islands database and WebGis
ENERGY MANAGEMENT LABORATORY	link	UAEG	Lab	Ecology; Climate science	Energy technology efficiency; Green energy production; Climate change; Aerosol formation and measurements	Pyranometers; Pyrgeometer; Radiometer; Geiger counter; Radon concentration meter; AlphaGuard; γ-spectroscopy analyzer; NARDA EMR300 Fieldmeter; TAOMA Fieldmeter; Sound level meter; Flir infrared camera; Data Loggers; Hydrothermal reactor; Electrolysis device	
WATER AND AIR QUALITY LABORATORY	link	UAEG	Lab	Ecology; Climate science	Ecotoxicological analysis; Water resources management; Underground aquifers pollution and reclamation; Particulate and gas atmosphere pollution; Atmosphere compounds physicochemical transformation; Atmospheric aerosol optical properties	Equipment	
LABORATORY FOR ENVIRONMENTAL POLICY & STRATEGIC ENVIRONMENTAL MANAGEMENT	link	UAEG	Lab	Ecology; Sociology; Public administration	Applied environmental policy & sociology; Green management of industries and organizations		

Name	Link	Institution	Type	Field	Description	Equipment/Centre
WASTE MANAGEMENT LABORATORY	link	UAEG	Lab	Ecology; Biology; Climate science	Biowaste treatment; Biofuel production; Bioremediation; Constructed wetlands; Energy recovery; Anaerobic digestion; Composting; Environmental system analysis and simulation	Equipment
ENVIRONMENTAL EDUCATION AND COMMUNICATION RESEARCH CENTRE	link	UAEG	Research centre	Ecology; Education	study of the environmental behavior of students and trainers engaged in environmental education	Environmental communication activities center
BIODIVERSITY CONSERVATION LABORATORY	link	UAEG	Lab	Ecology; Biology	Ecological processes and global change dynamics; Biodiversity control mechanisms; Regional sustainable development methodologies, protocols and techniques.	Lab and field equipment
BUSINESS ADMINISTRATION	link	UAEG	Department	Business administration		
MANAGEMENT, ENTREPRENEURSHIP & INNOVATIVE EDUCATION LAB	link	UAEG	Lab	Business administration	Business development; Organizational behavior; Human resource management; Crisis-conflict management; Business negotiation strategies; Employee and working group performance; Change management	
QUANTITATIVE METHODS LAB	link	UAEG	Lab	Business administration	Statistics & decision analysis; Regional resilience and digital regions; Banking; Financial engineering; Accounting; 3D Printing	
LABORATORY OF LOGISTICS AND MODELING OF OPERATIONAL SYSTEMS	link	UAEG	Lab	Business administration		

GROWTH TRANSFORMATION & VALUE ENGINEERING (WAVE) LAB	link	UAEG	Lab	Business administration	
LABORATORY FOR TOURISM RESEARCH AND STUDIES	link	UAEG	Lab	Business administration	Tourism
INFORMATION AND COMMUNICATION SYSTEMS ENGINEERING	link	UAEG	Department	Computer science; Communications	Algorithms and computational complexity; Information retrieval; Knowledge representation; Information and communication systems security and privacy
INFORMATION & COMMUNICATION SYSTEMS SECURITY LAB	link	UAEG	Lab	Computer science	Cybersecurity
COMPUTER & COMMUNICATION SYSTEMS LAB	link	UAEG	Lab		
INFORMATION SYSTEMS LAB	link	UAEG	Lab	Computer science; Communications	Information systems; Government transformation and ICT-enabled, collaborative governance; Simulation and visualisation of systems, data and argumentation; Ontologies for supporting collaboration among public organizations
ARTIFICIAL INTELLIGENCE LAB	link	UAEG	Lab	Computer science	Text & data mining; Image processing and computer vision; Robotics; Internet of things / Pervasive Computing; Intelligent recommender systems; Multimodal interaction and affective computing
DATABASE LAB	link	UAEG	Lab	Computer science	Multidimensional data queries; Data security and privacy; Data warehousing

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					& data mining; Big data management	
GEOMETRY, DYNAMICAL SYSTEMS & COSMOLOGY LAB	link	UAEG	Lab	Computer science		
MATHEMATICS	link	UAEG	Department	Mathematics	Theoretical and Applied Mathematics; Mathematics Education	
LABORATORY FOR FREE SOFTWARE AND DIGITAL TYPOGRAPHY	link	UAEG	Lab	Mathematics		
LABORATORY FOR APPLIED MATHEMATICS AND MATHEMATICAL MODELLING	link	UAEG	Lab	Mathematics		
LABORATORY FOR DIDACTICS OF MATHEMATICS AND LEARNING TECHNOLOGIES	link	UAEG	Lab	Mathematics		
PRIMARY EDUCATION	link	UAEG	Lab	Education		
LINGUISTICS LABORATORY	link	UAEG	Lab	Education; Linguistics	Greek language linguistics; Greek Dodecanese dialects; bilingualism in Rhodes; bilingual education; Modern Greek language teaching	Dialectology Archive
MATHEMATICS, DIDACTICS AND MULTIMEDIA LABORATORY	link	UAEG	Lab	Education; Mathematics	Educational materials for mathematics	
LABORATORY OF ARTISTIC & CULTURAL EDUCATION	link	UAEG	Lab	Education; Art history	Cultural heritage policy; Educational materials for art history, aesthetics, cultural theory	
LABORATORY OF HISTORY AND SOCIAL SCIENCES	link	UAEG	Lab	Education	Educational materials for history and the social sciences	
NATURAL SCIENCES LABORATORY	link	UAEG	Lab	Education	Educational materials for the natural sciences	
LABORATORY OF PSYCHOLOGY, EDUCATIONAL	link	UAEG	Lab	Education	Educational materials for the educational sciences and psychology	

RESEARCH AND MEDIA IN EDUCATION						
SOCIOLOGY	link	UAEG	Department	Sociology; European studies	Social demography; Local social development and cohesion; European societies and European integration; Urban sociology	Computer Lab
LABORATORY OF SOCIAL INFORMATICS, STATISTICS AND RESEARCH INFRASTRUCTURES	link	UAEG	Lab	Sociology		
LABORATORY OF SOCIAL & POLITICAL INSTITUTIONS	link	UAEG	Lab	Sociology		
LABORATORY OF THE SOCIOLOGY OF YOUTH, LEISURE AND SPORTS	link	UAEG	Lab	Sociology	Social policy; criminology	
SOCIOLOGICAL AND CULTURAL DIGITAL DOCUMENTATION LAB	link	UAEG	Lab	Sociology		
SOCIOLOGY OF LABOR ACADEMIC LABORATORY	link	UAEG	Lab	Sociology		
LABORATORY OF COLLECTIVE ACTIONS AND SOCIAL MOVEMENTS	link	UAEG	Lab	Sociology		
JEAN MONNET EUROPEAN RESEARCH AND EDUCATION CENTRE	link	UAEG	Research centre	European studies	EU and international law; European integration; European societies	
MARINE SCIENCES:	link	UAEG	Department	Ecology; Climate science; Biology; Chemistrry	Physical oceanography; Marine bio- and geochemistry; Marine resource management; Socio-economics of the coastal zone; Ichthyology	Equipment and facilities
ENVIRONMENTAL QUALITY AND GEOSPATIAL APPLICATIONS LAB	link	UAEG	Lab	Ecology; Climate science; Geography	Eutrophication dynamics in the marine environment; Microbiological quality of the marine environment; Applications of Geographic	

					Information Systems and Remote Sensing	
MARINE BIODIVERSITY AND ECOSYSTEMS MANAGEMENT	link	UAEG	Lab	Ecology; Climate science; Biology	Structure and functioning of biocommunities; Promotion of biodiversity conservation and ecosystem-based management	Equipment
ICHTHYOLOGY, AQUACULTURE AND FISH DISEASES	link	UAEG	Lab	Ecology; Biology		Equipment
ECOLOGY AND SYSTEM DYNAMICS LABORATORY	link	UAEG	Lab	Ecology; Climate science	Analysis of trophic networks and dynamics of marine populations and communities; interactions with the abiotic environment; Ecological quality assessment; Dynamics of phytoplankton blooms	Culture chamber and infrastructure for experimentation on phytoplankton ecology; HPLC; Inverted microscopes; Spectrophotometers ; Fluorometers; Portable flourometer; Seabird CTD device
LABORATORY OF PHYSICAL AND CHEMICAL OCEANOGRAPHY	link	UAEG	Lab	Ecology; Climate science; Chemistry	Mediterranean Thermohaline Circulation and interaction with the Black Sea; HF radar use; Lagrangian Methods and Instruments; Oceanographic use of underwater telephone cables; Physical - Biological Interactions; Small-scale processes and mixing; Microplastics in the sea	Equipment
MARINE REMOTE SENSING GROUP	link	UAEG	Lab	Ecology; Climate science	Marine litter; Seagrass, shoreline, postearthquake, mesoscale, mapping	
COASTAL MORPHODYNAMICS-	link	UAEG	Lab	Ecology; Geology	Morphology and sedimentology of the	Equipment

MANAGEMENT & MARINE GEOLOGY LAB					coastal and marine environment; Hydrodynamics, sediment dynamics and morphodynamics of the coastal zone; Modeling of coastal waves and wave-generated currents; Marine geo-hazards; Prospecting and evaluation of marine aggregates
SHIPPING TRADE AND TRANSPORT	link	UAEG	Department	Management; Business Administration; Geography	Shipping and ports Management; Maritime economics; Transportation engineering and management; IT, commercial and maritime law; Geopolitics
LABORATORY FOR RESEARCH IN SHIPPING AND PORT MANAGEMENT	link	UAEG	Lab	Management; Business Administration	Market studies relates to shipping; Social dimensions of the maritime transport systems; Technological developments and shipboard management
LABORATORY OF APPLIED ECONOMICS AND FINANCE	link	UAEG	Lab	Management; Business Administration; Economics	
LABORATORY OF GEOGRAPHIC INFORMATION SYSTEMS, GEO-ECONOMY AND GEOPOLITICS	link	UAEG	Lab	Geography; Economics; Politics	Location and gravity systems analysis; Transport networks strategic analysis; Location and transport issues in supply chain management; Energy network issues; Middle East defense and security; Geopolitics in the Middle East;
LABORATORY OF INFORMATICS AND NEW TECHNOLOGIES IN	link	UAEG	Lab	Computer science; Geography; Ecology	Intelligent computing and new technologies in maritime transport and

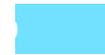|						
SHIPPING, TRANSPORT AND INSULAR DEVELOPMENT					regional development; Computing, new technologies and blue growth; Offshore renewable energy structures	
LABORATORY OF RESEARCH ON TRANSPORT AND DECISION-MAKING	link	UAEG	Lab	Economics; Statistics; Behavioral science	Transportation, Decision Making, Statistics, Operational Analysis, Simulation Design, Modeling, and Policy and Environmental Analysis	
FINANCIAL AND MANAGEMENT ENGINEERING	link	UAEG	Department	Computer science; Economics; Business administration; Management		
MANAGEMENT AND DECISION ENGINEERING LABORATORY	link	UAEG	Lab	Computer science; Economics; Behavioral science	Knowledge engineering and artificial intelligence; Operations research; Financial decision-making and Forecasting; Medical decision-making	
DESIGN, OPERATIONS, & PRODUCTION SYSTEMS LAB	link	UAEG	Lab	Management	Systems science and management science; Supply chain management; Manufacturing & service systems	
APPLIED PHYSICAL SCIENCES LABORATORY	link	UAEG	Lab	Physics	Experimental High Energy Physics; Astroparticle Physics; Renewable Energy; Materials (smart moulds)	
ENVIRONMENTAL QUALITY AND TECHNOLOGY LABORATORY	link	UAEG	Lab	Ecology	Chemical water and soil contaminanation; Environmental policy and sustainable development	Chemical analysis equipment
INFORMATION MANAGEMENT LAB	link	UAEG	Lab	Computer science; Data analysis; Public administration; Business	Business process automation; Systems interoperability and enterprise architecture integration; Economics of technical change and	

					policy design in ICT industries	
INTELLIGENT DATA EXPLORATION AND ANALYSIS LABORATORY	link	UAEG	Lab	Computer science	COVID-19	Tools for the COVID-19 Open Research Dataset Challenge
STATISTICS AND ACTUARIAL-FINANCIAL MATHEMATICS	link	UAEG	Department	Statistics; Actuarial Science		
LABORATORY OF STATISTICS AND DATA ANALYSIS	link	UAEG	Lab	Statistics; Data analysis	Biostatistics; Medical Statistics; Information Theory; Economic Demography; Reliability Theory	
LABORATORY OF ACTUARIAN AND FINANCIAL MATHEMATICS	link	UAEG	Lab			
PRE-SCHOOL EDUCATION AND EDUCATIONAL DESIGN	link	UAEG	Department	Education		
LEARNING TECHNOLOGY AND EDUCATIONAL ENGINEERING LABORATORY	link	UAEG	Lab	Education; Mathematics; Computer science	STEAM dimensions in education; Technology-enhanced learning; Computational thinking & didactics of ICTs; Learning analytics	
LABORATORY OF SOCIAL AND EDUCATIONAL RESEARCH	link	UAEG	Lab	Education; Sociology, Economics; Gender studies		
LABORATORY OF EDUCATIONAL & PSYCHOLOGICAL RESEARCH AND THEIR APPLICATIONS	link	UAEG	Lab	Education	Pedagogy	
LABORATORY OF LITERATURE, CHILDREN'S BOOK AND DRAMA IN EDUCATION	link	UAEG	Lab	Education; Literature; Theatre	Modern Greek literature; children's and youth literature; Theater; Reading theories; Interpretation and reception of literary texts	
LABORATORY OF RESEARCH ON	link	UAEG	Lab	Education; Philosophy	Philosophical practices & practices of dialogue;	

PRACTICAL PHILOSOPHY					Philosophical education and culture; Pedagogy and ethics of thinking; Practical philosophy as critical discourse	
LABORATORY OF EXPERIMENTAL PSYCHOLOGY, PSYCHOMETRIC RESEARCH AND CLINICAL APPLICATIONS	link	UAEG	Lab	Education; Psychology	Special education; Psychometrics; Developmental psychology; School Psychology; Psychopathology	
LABORATORY OF APPLIED RESEARCH FOR ENVIRONMENTAL EDUCATION	link	UAEG	Lab	Education; Ecology; Biology		
CULTURAL TECHNOLOGY AND COMMUNICATION	link	UAEG	Department	Communications; Computer science; Cultural ctudies		
IMAGE, SOUND AND CULTURAL REPRESENTATION LAB	link	UAEG	Lab	Cultural ctudies	Digital culture; Sound Design and soundscapes; Digital audiovisual production; Augmented and virtual reality mixed applications	
MUSEOLOGY LAB	link	UAEG	Lab	Cultural ctudies	Theory and practice of museums	
INTELLIGENT SYSTEMS RESEARCH LAB	link	UAEG	Lab	Computer science; Cultural studies; Media studies	3D Visualization; Computational intelligence; Intelligent interaction; Semantic Technologies; IoT Technologies in support of cultural heritage reproduction, display and promotion	Computing power (Cluster); 3D scanning and printing
CULTURAL HERITAGE MANAGEMENT LAB	link	UAEG	Lab	Cultural ctudies	Digital documentation and representation of content; Environmental conditions control aimed at preserving the material cultural heritage; GIS Applications	

PRIVACY ENGINEERING AND SOCIAL INFORMATICS LAB	link	UAEG	Lab	Computer science; Cultural studies	Security and privacy; Requirements engineering; Usable security and privacy; Cloud forensics; Adaptive security and privacy; Social informatics; Social software engineering; Privacy through gamification	
CULTURAL INFORMATICS LAB	link	UAEG	Lab	Computer science; Cultural studies; Art history; Education	Information systems, and visual culture; New technologies and aspects of representation; Conceptual modelling; E-learning	
PRODUCT AND SYSTEM DESIGN ENGINEERING	link	UAEG	Department	Design; Computer science	integrated design of modern and emerging products, systems and services	
INTERACTIVE SYSTEMS DESIGN LAB	link	UAEG	Lab	Design; Computer science	Human-computer interaction; Virtual reality; Virtual worlds; Ubiquitous computing; Natural user interfaces; Physical computing; Animation; Digital Art	Equipment
INTEGRATED INDUSTRIAL DESIGN LAB	link	UAEG	Lab	Design; Computer science	Computer-Aided Design; Computer Graphics; Geometric Modeling; Computer-Aided Engineering analysis; Materials Engineering	Equipment
COMPLEX SYSTEMS AND SERVICE DESIGN LAB	link	UAEG	Lab	Design; Computer science	Bio-cognitive systems; Embodied cognition and Interaction; Design theory; Naturalistic ontologies and epistemologies; Design of organizations	3D Scanner; Digital recording tools; Lo-fi prototyping tools; Interactive whiteboards; Table tops
DRAWING & COLOUR STUDIO	link	UAEG	Lab	Design; Computer science	Drawing; Colour synthesis; Printed art; 3D constructions; Video – Animation; Installation art;	Workbenches; Large format design cases; Graphics workstations; Hyper-sensitive tablets;

					Photography; History of art and design	Colour archival visual printing machines; Polymeric lithography printer; Engraving press	
MEDITERRANEAN STUDIES	link	UAEG	Department	Archaeology; Linguistics; International relations; Egyptology; Classics			
LABORATORY OF THE ANCIENT WORLD OF THE EASTERN MEDITERRANEAN	link	UAEG	Lab	Egyptology; Archaeology; History; Classics	Bronze age in the Aegean; vitreous materials in the Aegean Bronze age; Diachronic study of Pediada (Crete); Hellenistic history and historiography		
EGYPTOLOGY RESEARCH GROUP (AEGEAN EGYPTOLOGY)	link	UAEG	Research group	Egyptology	Egyptian interconnections and cross-cultural interactions in the southeastern Mediterranean region; Archaic Aegyptiaca in continental and insular Greece; Sociopolitical and religious networking in Eastern Mediterranean Antiquity, archaeological field work and epigraphy.		Electronic Egyptology Library
LABORATORY OF ARCHAEOMETRY	link	UAEG	Lab	Physics; Geology; Mathematics: Archaeology; Paleoanthropology		Alpha-particular meter; Polar microscope; Stereoscope; X-ray spectroscopy; Protonic magnetometer; Resistance meter; DSLR photography	
LABORATORY OF LINGUISTICS OF THE SOUTHEASTERN MEDITERRANEAN	link	UAEG	Lab	Linguistics; Greek language dialects	theoretical and comparative linguistics; typology, dialectology and linguistic contact; language acquisition; language change;		

					grammatical systems of the languages of the SE Mediterranean (Arabic, Hebrew, Greek, Turkish); Symian dialect; Ofitiki Pontian dialect
LABORATORY OF MEDITERRANEAN POLITICS	link	UAEG	Lab	International relations; Politics; European studies	Mediterranean and International Economic Relations; EU and the Mediterranean countries
LABORATORY OF ENVIRONMENTAL ARCHAEOLOGY & PREVENTIVE CONSERVATION	link	UAEG	Lab	Archaeology; Ecology; Anthropology; Geology	Charred seeds study; animal bones comparative study; physical anthropology; pollen analysis; study of fish and shells; archaeogeology; experimental archaeology; study of obsidian tools and flints; petrographic examinations; preventive conservation
ARCHAEOLOGICAL EXCAVATIONS	link	UAEG	Lab	Archaeology	Field archaeological projects in Kymisala (Rhodes), Mycenaean settlement of Kastrouli, Desphina (Delphi, Phokida)
LABORATORY OF INFORMATICS	link	UAEG	Lab	Communications; Linguistics	Corpus Processing; Computational Linguistics; Dialectology; Forensic Linguistics; Comparative Linguistics; Discourse Analysis; Political Speech
RESEARCH UNIT FOR EUROPEAN AND INTERNATIONAL POLITICS	link	UAEG	Lab	International relations; Politics; European studies	European Integration; Globalization; International and Regional Security
CENTER FOR THE STUDY OF THE MEDITERRANEAN – MIDDLE EAST POLICY & CIVILIZATION	link	UAEG	Research centre	International relations; Politics; History	

RESEARCH CENTER FOR YELLOW RIVER CULTURES	link	UAEG	Research centre	Archaeology; Cultural studies; Chinese studies	Sino-Hellenic comparative studies in culture and archaeology
FOOD AND NUTRITION	link	UAEG	Department	Food science; Biology	
THE BIOLOGY, MICROBIOLOGY AND BIOTECHNOLOGY OF FOODS	link	UAEG	Lab	Food science; Biology	
NUTRITION AND PUBLIC HEALTH	link	UAEG	Lab	Food science; Public Administration; Public Health	
CONSUMER RESPONSES AND SENSORY PERCEPTION OF FOOD AND DRINK	link	UAEG	Lab	Food science; Psychology	
SUSTAINABLE AGRIFOOOD AND SMART FARMING	link	UAEG	Lab	Food science; Nutrition; Biology	
THE ART OF IMAGES AND CONTEMPORARY ART (AIAC) RESEARCH GROUP : - AESTHETICS, PRACTICE AND ART HISTORY (EPHA) - DIGITAL IMAGE AND VIRTUAL REALITY (INREV) - THEORY AND EXPERIMENTATION IN ART, MEDIA AND DESIGN (TEAMED) - EUR ARTEC EUROPEAN RESEARCH SCHOOL	link	UP8	Research centre / UR	Media studies; Art history; Visual arts; Photography	Archaeology of the contemporary; Worlds, transmissions and displacement
ARCHAEOLOGY AND SCIENCES OF ANTIQUITY (ARSCAN)	link	UP8	Research centre / UMR	Archaeology; Near Eastern studies; Classics; Anthropology; Medieval studies	Technology, space and territory in the Pliocene and the Pleistocene; Central Asia; Aegean prehistory; Archaic and Classical Greek world; Archaeology and information systems; Environmental archaeologies; The emregence of cities in the Near East; Gaul and the ancient world; The

					Hellenistic and roman near east; Cuneiform cultures; History and monuments from antiquity to the Middle Ages; Ancient Greek and Roman iconography and inscriptions;
CENTRE FOR STUDIES IN MEDIA, TECHNOLOGIES AND INTERNATIONALISATION (CEMTI)	link	UP8	Research centre / UR	Communications; Media studies; Cultural studies	Communication approaches to image and the spectator's gaze; Art, politics and the spectator experience; Media, mediatization and appropriation logic; Resistant platforms and uses
HUMAN AND ARTIFICIAL COGNITIONS (CHART)	link	UP8	Research centre / UR	Cognitive science; Computer science; Educaton; Behavioral science	Cognitive technologies ; Modelling and simulation of cognitive processes and social interactions ; Cognition and decision-making ; Cognitive science and education, digital systems and learning ; Disability and technologies ; Cognition and adaptability
INTERDISCIPLINARY CENTER FOR RESEARCH, CULTURE, EDUCATION, TRAINING, WORK (CIRCEFT) RESEARCH GROUP : - EDUCATION AND TRAINING CLINIC COLLECTIVE (CLEF) - EDUCATION AND SCHOOLING COLLECTIVE (ESCOL) - HISTORY OF EDUCATION (HEDUC)	link	UP8	Research centre / UR	Educaton; Sociology; linguistics; Literature; English	Conceptions of childhood, adolescence, education; Modes of social division in educational work; Social, sexual and geographical inequalities in access to training and knowledge; Epistemological reflection, concept development, methodological plurality ; psychoanalysis

PARIS CENTER FOR SOCIOLOGICAL AND POLITICAL RESEARCH (CRESPPA)	link	UP8	Research centre / UMR	Sociology; Political science;	Culture, Gender, Political Theory, Intersectionality, Labor and Class studies		
PARIS8 UNIVERSITY CENTER FOR LEGAL RESEARCH (CRJP8) RESEARCH GROUPS: - HEALTH LAW - LAW IN ECONOMIC RELATIONS - FUNDAMENTAL AND HUMAN RIGHTS - NEW TECHNOLOGIES LAW - PROCEDURAL LAW - HISTORY OF LAW	link	UP8	Research centre / UR	Law	Law and health; Economic relations and the law; Funadamental rights and private law; New technologies and the law; Procedural law; Legal history		
COGNITIVE FUNCTION AND DYSFUNCTION: STAGES OF LIFE (DYSCO)	link	UP8	Research centre / UR	Cognitive science; Psychology; Neuroscience	Perception, Language; Emotions; Memory	N/A	N/A
AESTHETICS, SCIENCES AND TECHNOLOGIES OF FILM AND AUDIOVISUAL MEDIA (ESTCA) GROUP OF RESEARCH : - FILM, MEDIUM, MEDIA - CONSTRUCTING THE REAL, CONSIDERING THE CONTEMPORARY - MAKING FILMS, MAKING CINEMA - HISTORIES AND HISTORICITY OF FILM	link	UP8	Research centre / UR	Film; Media studies; Philosophy	Cinema, aesthetics, image arts (new techniques), performing arts	N/A	N/A
INTER-UNIVERSITY LABORATORY FOR EXPERIMENTATION, CULTURAL RESOURCES AND EDUCATION (EXPERICE)	link	UP8	Research centre / UR	Education; Sociology; Anthropology	Spaces of learning and apprenticeship; Localized experiences, local subjects; Learning outside school; Bodily practices, the body, health; Implicit learning and writing; Transculturality; Experimental education; Institutions, services,	N/A	N/A

					interventions ; Learning through transculturalism		
THE MAKING OF LITERATURE (FABLITT: FABRIQUE DU LITTÉRAIRE)	link	UP8	Research centre / UR	Literature; Philosophy; Semiotics	Archaeologie of the contemporary, Practices and theories of literary creation, Politics of literature, creative criticism, research creation	N/A	N/A
HAL OPEN ARCHIVE	link	UP8	Platform		Repository of scholarly documents (published articles, working papers, book chapters, symposium proceedings, theses, seminar transcriptions) written by researchers from or associated with P8	N/A	N/A
INSTITUTIONS AND HISTORICAL DYNAMICS OF THE ECONOMY AND SOCIETY (IDHES)	link	UP8	Research centre / UMR	History; Economics; Sociology	Labor, knolwedge, capital (19th – 21st c.), economic and social history	N/A	N/A
CENTRE FOR GEOPOLITICAL RESEARCH AND ANALYSIS (IFG-LAB) INCLUDING: GEOPOLITICS OF THE DATASPHERE (GEODE)	link	UP8	Institute	Politics; Geography; Communications	Local geopolitics; Geopolitical analysis of risk; State nations, nationalisms, minorities; Cyberpolicy; Cartography of the datasphere; Cyber warfare	N/A	N/A
INSTITUTE FOR THE HISTORY OF PRESENT TIME (IHTP)	link	UP8	Research centre / UMR	History; Sociology; Film	World war II history; Colonial history; Post-trauma and post-violence situations; Memory studies; Minority studies; Latin American and Spanish contemporary history; Northern American contemporary history; History of Youth and Childhood	N/A	N/A
SOCIAL DYNAMICS AND RECOMPOSITION OF SPACES LABORATORY (LADYSS)	link	UP8	Research centre / UMR	Sociology ; Geography	Socio-spatial recomposition in globalization; Everyday territories: representations, practices and projects; Environment and	measuring devices	QGIS, ArcGIS, R Rstudio, Modalisa

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					development; Regional health issues ; Territorial Injustice, Activism, Alternative Models, Environment, Health		
ANALYSIS, GEOMETRY AND APPLICATION LABORATORY (LAGA)	link	UP8	Research centre / UMR	Mathematics	Arithmetic and algebraic geometry; Modeling and scientific computing; Mathematical physics and partial differential equations; Mathematics for information and image processing; Ergodic theory and system dynamics; Probabilitiy and statistics; Algebraic topology	N/A	N/A
PARISIAN SOCIAL PSYCHOLOGY LABORATORY (LAPPS)	link	UP8	Research centre / UR	Experimental social psychology ; Occupational and organisational psychology and ergonomics ; Social psychology of health ; Social psychology of language and communication ; Environmental psychology ; Social consumer psychology ; Counselling psychology	Context, cognition, behaviour and language: intra-individual and societal perspectives ; Individual and social regulations in a corporate context ; Health, environment and consumerism: behaviours and social representations	N/A	N/A
LABORATORY ARCHITECTURE CITY, URBANISM, ENVIRONMENT (LAVUE)	link	UP8	Research centre / UMR	Urban studies; Architecture; Design; Sociology; Anthropology; Urbanism	Urban space production; Justice and inequalities; Tradition and innovation in constructing local space; Political injunction and alternative practices ; Metropolitan-rural dynamics	N/A	N/A

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DIONYSIAN ECONOMICS LABORATORY (LED)	link	UP8	Research centre / UR	Economics; Management; Politics	Political economy and institutions; History of economic thought and economic history; Macroeconomics & finance; Microeconomics & public policies; Management	N/A	N/A
LABORATORY FOR GENDER AND SEXUALITY STUDIES (LEGS)	link	UP8	Research centre / UMR	Gender studies; Sociology; Anthropology; Economics; Literature; Art history; History	Gender, sexuality, interdisciplinarity, feminist theories, intersectionality, care	N/A	N/A
LABORATORY OF ROMANCE LANGUAGE STUDIES (LER)	link	UP8	Research centre / UR	Romance languages and cultures: Spain, Italy, Portugal, Latin America; Literature; Arts; History; Political science; Linguistics; Translation	Historicist approaches to Romance culture (16th-21st c.); Temporality and Romance cultures ; Memory of conflicts and dictatorships; Spanish presentism; Gender and decolonial approaches to Romance culture; Space and Time in the city; Digital Romance culture; Romance language linguistics;	N/A	N/A
LABORATORY FOR ARTIFICIAL INTELLIGENCE AND SEMANTIC DATA (LIASD) RESEARCH GROUP : - UBIQUITOUS COMPUTING AND DATA SCIENCE (IUSD) - SMART DATA SPACES (EID) - PROGRAMMING, ARTIFICIAL INTELLIGENCE, SECURITY, TEXTS, IMAGES, SIMULATIONS (PASTIS)	link	UP8	Research centre / UR	Computer science	artificial intelligence, modeling and simulation, data semantics, data science	File server	N/A
LABORATORY FOR THE RESEARCH AND STUDY OF CONTEMPORARY APPROACHES TO	link	UP8	Research centre / UR	Philosophy	Contemporary philosophy, Political philosophy, Aesthetics, Metaphysics,	N/A	N/A

UNIVERSITÉ PARIS8 VINCENNES-SAINT-DENIS   RUC   Universität Konstanz   UNIVERSITY OF THE AEGEAN   NEW BULGARIAN UNIVERSITY

PHILOSOPHY (LLCP) INCLUDING : - FOUCAULT ARCHIVE RESEARCH GROUP GRAF - DIFFERING WORLDS AND THE LOGICS OF EMANCIPATION BY GEORGES NAVET - GRAMMARS: COMPARISONS, FICTIONS, RATIONALITIES BY PIERRE CASSOU-NOGUES - GERPT - EUROPEAN GROUP OF TRANSDISCIPLINARY PHILOSOPHICAL RESEARCH					Epistemology, Analytical philosophy.		
LABORATORY OF PSYCHOPATHOLOGY AND PROCESSES OF CHANGE (LPPC)	link	UP8	Research centre / UR	Psychology	Process Experiential Psychotherapy; Psychotherapy of adjustment disorders; Psychotherapeutuc approaches ; psychopathology, change processes, innovative therapeutic approaches	N/A	N/A
LABORATORY OF USES IN DIGITAL INFORMATION TECHNOLOGIES (LUTIN)	link	UP8	Research centre	Computer science; Ergonomics, Cognitive Science, Anthropology	Gaming; Classroom of the future; Cognitive Robotics for learning; Brain Computing; Serious Games for learning; Presence as embodiment to increase learning through HD; Videogame and HDTV; 3D simulation and Tele-operation for problem solving, learning and creation; Mobiles, nomadic services and user experience; HCI and Cognitive Ergonomics	Eye tracking devices; Physio Lab with EEG machine;) a room for observing gaming experience and HDTV viewing; CCTV cameras and recording facilities for user experience and behavior observation; Mobile Platform for user behavior observation	N/A
CENTER FOR THE HISTORY OF MEDIEVAL AND MODERN SOCIETIES (MÉMO)	link	UP8	Research centre / UR	Medieval societies and modern societies history of the Western and Islamic worlds	Social history and the politics of religious fact ; Towns and urban society ; Islamic worlds ; Power,	N/A	N/A

				knowledge and written traditions			
GERMAN WORLDS: HISTORY OF IDEAS AND REPRESENTATIONS	link	UP8	Research centre / UR	German; Literature; History; Philosophy; Political science	History of ideas; Political thought; German-Jewish relations; Aesthetics; Translation theory and practice in the 18th and 19th c.; Transculturalism and globalization	N/A	N/A
HOUSE OF HUMAN SCIENCES PARIS NORD (MSH PARIS NORD)	link	UP8	Research centre	Sociology; Psychology; Cultural studies	Interdisciplinary research in the humanities and social sciences	experimentation stage, virtual environments and creation platforms. Audio visual platform	N/A
RESEARCH UNIT OF AESTHETICS, MUSICOLOGY, DANCE AND MUSICAL CREATION (MUSIDANSE) RESEARCH GROUP : - CREATION AND INTERACTION (C.ET.I) - COMPOSITION, INTERPRETATION, THEATRE, IMPROVISATION (CISI) - CENTRE FOR DIGITAL AND MUSICAL CREATION RESEARCH (CICM) - DANCE, MOVEMENT AND SHARED SPACES	link	UP8	Research centre / UR	Music; Musicology; Dance; Choreography; Aesthetics; Artistic creation	Interactionist creativity; Composition, interpretation, performance, improvisation; Informatics and musical creation; Dance, gesture and corporeality	Software; computer equipment (CICM)	
LABORATORY PARAGRAPHE	link	UP8	Research centre / UR	Psychology; Computer science; Media studies; Design; Cognitive science; Education	Digital Devices - cognitive, instrumental, communicational, semiotic and technological dimensions; Media, information practice, heritage; Post-digital information design; Creation, concept, competence, use; Socio-	videocameras, VR headsets. Other material is available at Poste Source (3D printer, touch screen).	Access to the datasets in colaboration with French National Librairy - BNF (DataLab) and Archives Nationales.

					emotional and neurocognitive child and adolescent development; Apprenticeship, development, cognition		Own datasets stored in Omeka, Nakala, and local drives.
PUV (PRESSES UNIVERSITAIRES DE VINCENNES)	link	UP8	Publisher		Publisher (Paris8) by making available to the scientific community the scientific works resulting from university research	To be confirmed	To be confirmed
QUARTZ RESEARCH GROUPS : - DIGITAL ENGINEERING - TRIBOLOGY AND MATERIAL - VIBRO-ACOUSTICS AND STRUCTURES (VAST)	link	UP8	Research centre / UR	Engineering; Physics; Computer science; Mathematics	Industrial, Production and Mechanical Engineering, Computer Engineering ; Sustainable systems	Additive manufacturing and 3D scanning; Mechanical and electronic workshop Equipment list : https://www.quartz-lab.fr/-tribology-and-materials-testing- https://www.quartz-lab.fr/-fabrication-et-caracterisation-des-materiaux- https://www.quartz-lab.fr/-caracterisation-dynamique-et-acoustique- https://www.quartz-lab.fr/-fabrication-additive-et-numerisation-3d- https://www.quartz-lab.fr/-industrie-4-0- https://www.quartz-lab.fr/-atelier-mecanique-et-electronique-	
STAGES OF THE WORLD (SCÈNES DU MONDE)	link	UP8	Research centre / UR	Theater; Performance arts	Aesthetics and creativity; History of the performing arts; Ethnoscenography; Politics and socioeconomics of culture and the arts	N/A	N/A

LA SECTION CLINIQUE (CLINICAL SECTION)	link	UP8	Research centre / UR	Psychology	Core concepts ; pure and applied psychoanalysis ; Policy and contemporary symptoms ; Freud; Lacan; Gender; Identity; Politics and Psychoanalysis	N/A	N/A
FORMAL STRUCTURES OF LANGUAGE (SFL) RESEARCH GROUPS : - DEAF STUDIES AND SIGN LANGUAGES - PHONOLOGY, INTERFACES AND MODELING - SYNTAX AND SEMANTICS - LANGUAGE ACQUISITION AND PSYCHOLINGUISTICS - INTERACTION DYNAMICS AND MULTUMODALITY	link	UP8	Research centre / UMR	Linguistics, psycholinguistics, Signed languages and deaf studies, second language acquisition, bilinguisme, hertage languages, language acquisition in mirantion context, creol studies	formal linguistics, modelisation, first and second language acquisition, multilingualism, language and cognition, signed languages	Eye traking, motion capture	Datasets / Software
TRANSFERTS CRITIQUES ANGLOPHONES (CRITICAL TRANSFERS IN THE ENGLISH-SPEAKING WORLD) (TRANSCRIT) RESEARCH GROUPS : - COGNITION, SOCIETY AND LANGUAGE - IMAGINING COMMUNITIES - CONTEMPORARY TEXTUALITIES	link	UP8	Research centre / UR	English; Literature; Linguistics; History	Corpus linguistics; Contrastive linguistics; Statistics and Quantitative Analysis; Digital humanities; Communities; Race; gender and sexuality; Minorities; Experimental phonetics; Qualitative and Quantitative linguistics; Critical Theory; Plurilingualism; Literary and artistic experimentalism; English for specific purposes; Museum Studies; multimodality; social variation; Philosophy; History of ideas;	HPA: Hand Posture Analyzer ; ETD: Eye Tracking Device	ELAN, Praat, AntConc; parallel corpora; R, AntConc, TreeTagger, LF Aligner, TextSTAT, BootCaT; multimodal corpora, written corpora, annotation software