

IRTG Mind, Language and Cognition

Study program 2021 – 2024

Disciplines & Activities	Semester I		Semester II		Examination	ECTS
	Course hours	Seminar hours	Course hours	Seminar hours		
<i>Training program of advance university studies¹</i>						
Selected Topics in Contemporary Metaphysics: Personal Identity and Free Will	10	10	-	-	E	6
Classification and learning algorithms in computational linguistics	10	10	-	-	E	6
Cognitive science	-	-	6	6	E	5
Linguistics and cognition	-	-	10	10	E	5
Network analysis	-	-	6	6		5
Ethics and academic integrity	14	-	-	-	E	3
Total hours and ECTS	34	20	22	22		30

Scientific research program	Sem. II	Sem. III	Sem. IV	Sem. V	Sem. VI	Examination	ECTS
Yearly progress report & update of the research project	x					C	30
Yearly progress reports (each 10 ECTS)			x		x	C	20
Report on the theoretical founding of the research		x				C	25
Report on the research methodology			x			C	25
Report regarding the preliminary research results				x		C	25
Report regarding the contribution of the research in respect with current scientific knowledge					x	C	25
Total ECTS							150
Total general ECTS							180

¹ The disciplines listed here will be taught in a modular system. Doctoral students can, with the approval of their doctoral supervisor, replace them with relevant disciplines from the curricula of other doctoral schools, in the limit of 13 ECTS.

DIRECTOR ȘCOALĂ DOCTORALĂ

Prof. univ. dr. Mihai DIMA

Director CSUD

Prof. univ. dr. Virgil BĂRAN

IRTG Complex Systems

Study program 2021 – 2024

Disciplines & Activities	Semester I		Semester II		Examination	ECTS
	Course hours	Seminar hours	Course hours	Seminar hours		
<i>Training program of advance university studies¹</i>						
Conceptual approaches in scientific research	6	6	-	-	E	5
Observing social construction of knowledge through empirical data	6	6	-	-	E	5
Quantitative data analysis	10	10	-	-	E	6
Observing and imaging through spectroscopy	-	-	16	16	E	6
Network analysis	-	-	6	6	E	5
Ethics and academic integrity	14	-	-	-	E	3
Total hours and ECTS	36	22	22	22		30

Scientific research program	Sem. II	Sem. III	Sem. IV	Sem. V	Sem. VI	Examination	ECTS
Yearly progress report & update of the research project	x					C	30
Yearly progress reports (each 10 ECTS)			x		x	C	20
Report on the theoretical founding of the research		x				C	25
Report on the research methodology			x			C	25
Report regarding the preliminary research results				x		C	25
Report regarding the contribution of the research in respect with current scientific knowledge					x	C	25
Total ECTS							150
Total general ECTS							180

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IRTG Natural resources & Socio-ecological systems**Study program 2021 – 2024**

Disciplines & Activities	Semester I		Semester II		Examination	ECTS
	Course hours	Seminar hours	Course hours	Seminar hours		
<i>Training program of advance university studies¹</i>						
Complexity, Institutions and the Governance of Social-Ecological Systems	12	12	-	-	E	7
Institutions and institutionalism	12	12	-	-	E	6
Methodology of scientific studies	6	6	-	-	E	5
Network analysis	-	-	6	6	E	5
Scientific projects writing	-	-	6	6	E	4
Ethics and academic integrity	14	-	-	-	E	3
Total hours and ECTS	44	30	12	12		30

Scientific research program	Sem. II	Sem. III	Sem. IV	Sem. V	Sem. VI	Examination	ECTS
Yearly progress report & update of the research project	x					C	30
Yearly progress reports (each 10 ECTS)			x		x	C	20
Report on the theoretical founding of the research		x				C	25
Report on the research methodology			x			C	25
Report regarding the preliminary research results				x		C	25
Report regarding the contribution of the research in respect with current scientific knowledge					x	C	25
Total ECTS							150
Total general ECTS							180

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IRTG Higher education studies

Study program 2021 – 2024

Disciplines & Activities	Semester I		Semester II		Examination	ECTS
	Course hours	Seminar hours	Course hours	Seminar hours		
<i>Training program of advance university studies¹</i>						
Higher Education Studies. Institutional Models. Policies and Governance	12	12	-	-	E	6
Institutions and institutionalism	12	12	-	-	E	6
Design of research themes and academic positioning	6	18	-	-	E	6
Observing social construction of knowledge through empirical data	6	6	-	-	E	5
Scientific projects writing	-	-	6	6	E	4
Ethics and academic integrity	14	-	-	-	E	3
Total hours and ECTS	50	48	6	6		30

Scientific research program	Sem. II	Sem. III	Sem. IV	Sem. V	Sem. VI	Examination	ECTS
Yearly progress report & update of the research project	x					C	30
Yearly progress reports (each 10 ECTS)			x		x	C	20
Report on the theoretical founding of the research		x				C	25
Report on the research methodology			x			C	25
Report regarding the preliminary research results				x		C	25
Report regarding the contribution of the research in respect with current scientific knowledge					x	C	25
Total ECTS							150
Total general ECTS							180

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