

Programme of Study Layout Cognitive Systems (COS)							
Modules	Semester	Required / Elective	Pre-requisite Modules	Co-requisite Modules	Workload		
					Hours	ECTS	
COS511	Introduction to Cognitive Psychology	1	Required			250 - 300	10
COS512	Introduction to Artificial Intelligence	1	Required			250 - 300	10
COS513	Computational Intelligent Systems	1	Required		COS511, COS512	250 - 300	10
COS514	Computational Neuroscience	1	Elective		COS511, COS512	250 - 300	10
COS521	Cognitive Knowledge Acquisition	2	Elective	COS511, COS512		250 - 300	10
COS522	Learning and Memory in Humans	2	Elective	COS511, COS512		250 - 300	10
COS523	Human Perception and Attention	2	Elective	COS511, COS512		250 - 300	10
COS524	Natural Language Processing	2	Elective	COS511, COS512		250 - 300	10
COS611	Cognitive Modelling	3	Elective	COS511, COS512	COS513	250 - 300	10
COS612	Mental Representations and Reasoning	3	Elective	COS511, COS512	COS513	250 - 300	10
COS613	Cognitive Agents and Reasoning	3	Elective	COS511, COS512	COS513	250 - 300	10
COS614	Adaptive and Interactive Systems	3	Elective	COS511, COS512	COS513	250 - 300	10
COS621	Experimental Psychology	4	Elective	COS511, COS512, COS513		250 - 300	10
COS622	Cognitive Neuroscience	4	Elective	COS511, COS512, COS513		250 - 300	10
COS623	Cognitive System Design	4	Elective	COS511, COS512, COS513		250 - 300	10
COS624	Topics in Data Science	4	Elective	COS511, COS512, COS513		250 - 300	10
COS625	Cognitive Chips	4	Elective	COS511, COS512, COS513		250 - 300	10
COS626	Lectures in Cognitive Systems	4	Elective	COS511, COS512, COS513		125 - 150	5
COS627	Applications of Cognitive Systems	4	Elective	COS511, COS512, COS513		125 - 150	5
COS701A	Master Thesis I	3,4	Elective	COS511, COS512, COS513		250-300	10
COS701B	Master Thesis II	3,4	Elective	COS511, COS512, COS513	COS701A	500-600	20
					Total	3000-3600	120