

DOCTORATE IN WATER SCIENCES

Curricula

First Term

Courses List	Code	Sequence	Hours		Credits (Units)
			With Teacher	Independent	
Fundamentals of Physico-chemistry	DCG5012		48	48	6
Fundamentals of Biology	DCG5022		48	48	6
Fluvial Hydraulics	DCG5032		48	48	6
Surface and Sub-surface Hydrology	DCG5042		48	48	6

Second Term

Courses List	Code	Sequence	Hours		Credits (Units)
			With Teacher	Independent	
Environmental Impact Assessment	DCG5052		48	48	6
Conventional Water Treatment	DCG5062		48	48	6
Physic Hydrology	DCG5072		48	48	6
Environmental Hydraulics	DCG5082		48	48	6

Third Term

Courses List	Code	Sequence	Hours		Credits (Units)
			With Teacher	Independent	
Thesis I	DCG5142	DCG5012	48	48	6
		DCG5022			
		DCG5032			
		DCG5042			
		DCG5052			
		DCG5062			
		DCG5072			
Disciplinary Evaluation	DCG5102	DCG5012	16	16	2
		DCG5022			
		DCG5032			
		DCG5042			
		DCG5052			
Selected Topics	DCG5092	DCG5062	48	48	6
Seminar on Professional Responsibility	PTA5012	DCG5072	48	48	6

Fourth Term

Courses List	Code	Sequence	Hours		Credits (Units)
			With Teacher	Independent	
Thesis II	DCG5152	DCG5142	48	48	6
Predoctoral evaluation	DCG5112	DCG5102	16	16	2

Fifth Term

Courses List	Code	Sequence	Hours		Credits (Units)
			With Teacher	Independent	
Advanced Elective I			48	48	6
Advanced Elective II			48	48	6
Advanced Elective III			48	48	6

Sixth Term

Courses List	Code	Sequence	Hours		Credits (Units)
			With Teacher	Independent	
Thesis III	DCG6092	DCG5082 DCG5092 PTA5012 DCG5112 DCG5152	48	48	6
Research Seminar I	DCG6042	DCG5082 DCG5092 PTA5012 DCG5112 DCG5152	48	48	6

Seventh Term

Courses List	Code	Sequence	Hours		Credits (Units)
			With Teacher	Independent	
Thesis IV	DCG6102	DCG6092	48	48	6
Research Seminar II	DCG6052	DCG6042	48	48	6

Eighth Term

Courses List	Code	Sequence	Hours		Credits (Units)
			With Teacher	Independent	
Thesis V	DCG6112	DCG6102	48	48	6
Research Seminar III	DCG6062	DCG6052	48	48	6

Ninth Term

Courses List	Code	Sequence	Hours		Credits (Units)
			With Teacher	Independent	
Thesis VI	DCG6122	DCG6112	48	48	6
Research Seminar IV	DCG6072	DCG6062	48	48	6

Tenth Term

Courses List	Code	Sequence	Hours		Credits (Units)
			With Teacher	Independent	
Thesis VII	DCG6132	DCG6122	48	48	6
Research Seminar V	DCG6082	DCG6072	48	48	6