

DOCTORATE IN WATER SCIENCES

Curriculum

First Term

Courses List	Code	Sequence	Hours		Credits (Units)
			With Teacher	Independent	
Fundamentals of Physico-chemistry	DCG5011		48	48	6
Fundamentals of Biology	DCG5021		48	48	6
Fluvial Hydraulics	DCG5031		48	48	6
Surface and Sub-surface Hydrology	DCG5041		48	48	6

Second Term

Courses List	Code	Sequence	Hours		Credits (Units)
			With Teacher	Independent	
Environmental Impact Assessment	DCG5051		48	48	6
Conventional Water Treatment	DCG5061		48	48	6
Physic Hydrology	DCG5071		48	48	6
Environmental Hydraulics	DCG5081		48	48	6

Third Term

Courses List	Code	Sequence	Hours		Credits (Units)
			With Teacher	Independent	
Thesis I	DCG5141	DCG5011 DCG5021 DCG5031 DCG5041 DCG5051 DCG5061 DCG5071	48	48	6
Qualifying Examination	DCG5101	DCG5011 DCG5021 DCG5031 DCG5041 DCG5051 DCG5061 DCG5071	16	16	2
Selected Topics	DCG5091		48	48	6
Seminar on Professional Responsibility	PTA5011		48	48	6

Fourth Term

Courses List	Code	Sequence	Hours		Credits (Units)
			With Teacher	Independent	
Thesis II	DCG5151	DCG5141	48	48	6
Preliminary doctoral examination	DCG5111	DCG5101	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	DCG6091	DCG5081 DCG5091 PTA5011 DCG5111 DCG5151	48	48	6
Research Seminar I	DCG6041	DCG5081 DCG5091 PTA5011 DCG5111 DCG5151	48	48	6

Seventh Term

Courses List	Code	Sequence	Hours		Credits (Units)
			With Teacher	Independent	
Thesis IV	DCG6101	DCG6091	48	48	6
Research Seminar II	DCG6051	DCG6041	48	48	6

Eighth Term

Courses List	Code	Sequence	Hours		Credits (Units)
			With Teacher	Independent	
Thesis V	DCG6111	DCG6101	48	48	6
Research Seminar III	DCG6061	DCG6051	48	48	6

Ninth Term

Courses List	Code	Sequence	Hours		Credits (Units)
			With Teacher	Independent	
Thesis VI	DCG6121	DCG6111	48	48	6
Research Seminar IV	DCG6071	DCG6061	48	48	6

Tenth Term

Courses List	Code	Sequence	Hours		Credits (Units)
			With Teacher	Independent	
Thesis VII	DCG6131	DCG6121	48	48	6
Research Seminar V	DCG6081	DCG6071	48	48	6