

## FACULTY OF ENGINEERING SCIENCE AND TECHNOLOGY

### MSC-PROGRAMME IN INDUSTRIAL ECOLOGY (MSINDECOL)

Term 1, 2, 3 and 4

Ex	Subject no	Subject title	Note	Cr	Specialization	
					1	2
		<b>Compulsory and optional courses</b>				
1h	TEP4223	LIFE CYCLE ASSESS	1	7,5	o	o
1h	TFY4300	ENERGY ENVIR PHYSICS		7,5	v	v
1h	TIØ4195	ENV MAN CORP SOC RES	2	7,5	o	o
1h	TVM4162	INDUSTRIAL ECOLOGY		7,5	o	o
1h	SOS1002	RESEARCH METHODS	3	15,0	v	v
1v	-	EXP IN TEAM INT PROJ		7,5	o	o
1v	TEP4220	ENERGY/ENV CONSEQUEN		7,5	v	v
1v	TPD5100	SUS PROD DES AC		7,5	v	v
1v	TVM4160	MATERIAL FLOW ANALYS		7,5	o	v
1v	POL1003	POLITICS ENVIRONMENT		7,5	v	o
1v	POL3004	RESEARCH DESIGN	4	7,5	v	v
		<b>Supplementary courses</b>	5			
1h	TIØ4300	ENV SC ECOSYS SUST		7,5	v	v
1h	TPD4505	DESIGN THEORY SC		7,5	v	v
1v	KULT3304	TECHN INOV/SOC CH	6	15,0	v	v
1v	SØK1101	ENVIRONM RESOURCE		7,5	v	v
		<b>Compulsory and optional courses</b>	1			
2h	TEP4222	INPUT-OUTPUT ANALYS		7,5	o	v
2h	TIØ4525	SAFE HEALTH/ENV SC	7	7,5	v	v
2h	TPK4160	VALUE CHAIN CONTR		7,5	v	v
2h	POL3507	POLICY ANALYSIS	5,8	15,0	v	v
		<b>Supplementary courses</b>	1,5			
2h	TIØ4300	ENV SC ECOSYS SUST		7,5	v	v
2h	TPD4505	DESIGN THEORY SC		7,5	v	v
		<b>Project and thesis preparation course</b>	9			
2h	TBA4580	INDECOL PROJECT		15,0	v	-
2h	TEP5100	INDECOL PROJECT		15,0	v	-
2h	TIØ5235	INDECOL PROJECT	7	15,0	-	v
2h	TPD4190	DESIGN PROJECT	10	15,0	v	-
2h	TVM5175	INDECOL PROJECT		15,0	v	-
2h	POL3520	INDECOL PROJECT	4	15,0	-	v
		<b>Master Thesis</b>	9			
2v	TBA4950	INDUSTRIAL ECOLOGY		30,0	v	-
2v	TEP4930	INDUSTRIAL ECOLOGY		30,0	v	-
2v	TIØ4955	INDUSTRIAL ECOLOGY	7	30,0	-	v
2v	TPD4910	INDUSTRIAL ECOLOGY		30,0	v	-
2v	TVM4900	INDUSTRIAL ECOLOGY		30,0	v	-
2v	POL3920	INDUSTRIAL ECOLOGY	4	30,0	-	v

o = Compulsory courses

v = Optional courses

Ex 1h = Term 1, Exam Autumn

Ex 1v = Term 2, Exam Spring

Ex 2h = Term 3, Exam Autumn

Ex 2v = Term 4, Master Thesis Spring

cont.

- 1) Other optional/supplementary courses may be chosen from the NTNU course catalogue. The combination of optional/supplementary courses must be approved by the programme. The courses are selected so that the total weighting each term amounts to 30 credits (Cr).
- 2) May be taken in the second autumn semester, 2h.
- 3) If a student in Specialization 2, with a supervisor from the Dep. of Sociology and Political Science, does not already have this course in his bachelor degree, he must take it during the first semester. Exemptions may be granted when the student has a similar course from another institution.
- 4) This course is compulsory for students in Specialization 2 who want to write a project and a thesis with a supervisor from the Dep. of Sociology and Political Science.
- 5) The courses are not considered when planning the teaching and examination schedules.
- 6) Course given in Norwegian only.
- 7) This course is compulsory for students in Specialization 2 who want to write a project and a thesis with a supervisor from the Dep. of Industrial Economics and Technology Management.
- 8) The course is taught upon availability.
- 9) Students in Specialization 1 choose one of the options depending on which department their supervisor belongs to.
- 10) Can also be taken in the spring semester, 1v.

Specialization:

- 1 Environmental Systems Analysis
- 2 Environmental Politics and Management

For Specialization 2, in the second or third semester students must choose different compulsory courses depending on from which department they want to have a supervisor; from the Dep. of Industrial Economics and Technology Management or the Dep. of Sociology and Political Science. In order to have a supervisor from the Dep. of Sociology and Political Science the student must have at least 60 ECTS credits of Political Science courses in his bachelor degree.