

Master of Science Program in Environmental Technology and Management

Credit Summary		at least 36 credits
Core course		at least 24 credits
- Seminar		2 credits
01651597	Seminar	1,1
- Major requirement course		13 credits
01651511	Intensive Environmental Pollution and Control	3(3-0-6)
01651512	Environmental Science and Technology	3(3-0-6)
01651531	Environmental Policy and Management	3(3-0-6)
01651581	Applied Ecology for Environmental Management	3(2-3-6)
01651591	Research Methods in Environmental Technology and Management	1(1-0-2)
Elective course		at least 9 credits
	ให้นักศึกษเลือกรเรียนจากรายวิชา ดังต่อไปนี้	
01651513	Agriculture for Environment	3(3-0-6)
01651521	Nonpoint Source Pollution Control	3(3-0-6)
01651522	Environmental Quality Monitoring	3(3-0-6)
01651523	Indoor Air Pollution	3(3-0-6)
01651524	Control of Particulate and Gaseous Pollution	3(3-0-6)
01651525	Integrated Industrial Waste Management and Control	3(3-0-6)
01651526	Environmental Pollution Forensics	3(3-0-6)
01651257	Groundwater Modeling for Environmental Application	3(3-0-6)
01651532	Life Cycle Assessment and Management	3(3-0-6)
01651533	Trade and Environment	3(3-0-6)

01651534	Environment Auditing and Management System	3(3-0-6)
01651536	Contaminated Land Management	3(3-0-6)
01651537	Hydrology for Environmental Management	3(3-0-6)
01651561	Ecological Toxicology	3(3-0-6)
01651562	Health Risk Assessment	3(3-0-6)
01651571	Green Technology	3(3-0-6)
01651572	Waste Utilization Technology	(3-0-6)
01651573	Environmental Remediation Technology	3(3-0-6)
01651574	Biodegradation of Persistent Environmental Pollutants	3(3-0-6)
01651575	Application of Biological Processes in Environmental Technology	3(3-0-6)
01651576	Unit Operation and Processes in Environmental Technology	3(3-0-6)
01651577	Sustainable Wastewater Reclamation and Reuse)	3(3-0-6)
01651582	Restoration of Fresh Waters	3(3-0-6)
01651583	Environmental Ecology Modeling	3(3-0-6)
01651584	Climate Change and Coastal Environment	3(3-0-6)
01651585	Coastal Restoration	3(3-0-6)
01651586	Bioindicators and Biomonitoring of Environmental Changes	3(3-0-6)
01651587	Environmental Management in Agroecosystems	3(3-0-6)
01651596	Selected Topics in Environmental Technology and Management	3(3-0-6)
01651598	Special Problems	1-3
Thesis		at least 12 credits
01651599	Thesis	1-12

Study Plan

Year 1 Semester 1		Credit (lecture-laboratory-self-study)
01651511	Intensive Environmental Pollution and Control	3(3-0-6)
01651531	Environmental Policy and Management	3(3-0-6)
01651591	Research Methods in Environmental Technology and Management	1(1-0-2)
	Elective course	<u>3(- -)</u>
Total		<u>10(9-3-20)</u>

Year 1 Semester 2		Credit (lecture-laboratory-self-study)
01651512	Environmental Science and Technology	3(3-0-6)
01651581	Applied Ecology for Environmental Management	3(2-3-6)
01651597	Seminar	1
	Elective course	<u>3(- -)</u>
Total		<u>10(- -)</u>

Year 2 Semester 1		Credit (lecture-laboratory-self-study)
01651597	Seminar	1
01651599	Thesis	6
	Elective course	<u>3(- -)</u>
Total		<u>10(- -)</u>

Year 2 Semester 2		Credit (lecture-laboratory-self-study)
01651599	Thesis	<u>6</u>
Total		<u>6</u>