



Study Plan

Bachelor of Science Program in Natural Resources and Environmental Management (International Program)

Faculty of Environment and Resource Studies

1st year

Semester	Code	Name	Credits (lecture-lab/practice- self-study)
1	SCCH 151	General Chemistry I	3 (3-0-6)
	SCCH 159	General Chemistry Laboratory	1 (0-3-1)
	SCMA 101	Mathematics 1	2)2-0-4(
	SCBE 100	Wonder of Life	3 (3-0-6)
	SCGI 103	Physics for future entrepreneurs	3 (3-0-6)
	SCPY 111	Basic Physics Laboratory	1)0-3-1(
	LAEN 180	English for Academic Purposes I	2 (2-0-4)
	ENNM 111	21 st Century Skills	3 (3-0-6)
	ENNM 112	Leadership and Management	3 (3-0-6)
			Total
2	SCMA 102	Mathematics 2	4)4-0-8(
	SCCH 152	General Chemistry II	3 (3-0-6)
	SCCH 172	Organic Chemistry	3 (3-0-6)
	ENNM 113	Environmental Geology	3 (2-3-5)
	ENNM 121	Environmental Botany	3 (2-3-5)
	LAEN 181	English for Academic Purposes II	2 (2-0-4)
	XXXX xxx*	General Education (Health Science)	2 (0-x-x)
			Total

* General Education



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2nd year

Semester	Code	Name	Credits (lecture-lab/practice- self-study)
1	SCCH 262	Fundamental Analytical Chemistry	2 (2-0-4)
	SCCH 268	Analytical Chemistry Laboratory	1 (0-3-1)
	SCBM 224	Biochemistry	3 (3-0-6)
	LALA 280	Philosophy for Today's Life	3)3-0-6(
	LAEN 280	Science Fiction and Society	2 (2-0-4)
	ENNM 213	General Ecology	3 (2-3-5)
	ENNM 214	Environmental Climatology	3)3-0-6(
	ENNM 221	Zoology	3)3-0-6(
		Total	20 Credits
2	LAEN 281	The Science of Speech Sounds	2 (2-0-4)
	ENNM 222	Microbiology	3 (2-3-5)
	ENNM 223	Environmental Soil Science	3 (2-3-5)
	ENNM 224	Hydrology	3 (3-0-6)
	ENNM 225	Environmental Pollution	3 (2-3-5)
	ENNM 226	Forest Ecology and Management	3 (2-3-5)
	LAEN 282	Multilingualism and Multiculturalism	2 (2-0-4)
		Total	19 Credits



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3rd year

Semester	Code	Name	Credits (lecture-lab/practice- self-study)
1	ENNM 327	Environmental Law and Policy	3 (3-0-6)
	LAEN 380	Academic Presentations in English	2 (2-0-4)
	ENNM 311	Environmental Statistics	3 (3-0-6)
	ENNM 312	Air pollution	3 (3-0-6)
	ENNM 313	Ecological Economics	3 (3-0-6)
	ENNM 314	Geo-Informatics for Natural Resource Management	3 (2-3-5)
	ENNM xxx	Basic Profession Course Elective 1	3 (3-0-6)
		Total	20 Credits
2	ENNM 321	Environmental and Health Impact Assessment	3 (3-0-6)
	ENNM 322	Environmental Management System Standard	3 (3-0-6)
	ENGE 300*	The Earth and Nature	3 (3-0-6)
	XXXX xxx	Free Elective 1	3 (x-x-x)
	ENNM xxx	Basic Profession Course Elective 2	3 (3-0-6)
		Total	15 Credits
Summer	ENNM 390	Internship in Natural Resource and Environmental Management	6 (0-12-6)
		Total	6 Credits

XXXX xxx Free Selective Course for all faculty in Mahidol University

* General Education



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4th year

Semester	Code	Name	Credits (lecture-lab/practice- self-study)
1	ENNM 431	Communication for Natural Resources and Environmental Management	3 (3-0-6)
	ENNM 491	Seminar in Natural Resources and Environmental Management	2 (2-0-4)
	ENNM 492	Environmental Research Methodology	2 (2-0-4)
	XXXX xxx	Free Elective 2	3 (x-x-x)
	ENNM xxx	Basic Profession Course Elective 3	3 (3-0-6)
		Total	13 Credits
2	ENNM 496	Senior Project in Natural Resources and Environmental Management	3 (0-9-3)
		Total	3 Credits

XXXX xxx Free Selective Course for all faculty in Mahidol University

ENNM xxx Student must select the Selective Course only in the program