109 學年度碩士班國際組課程規劃表

Course Requirements of the International Graduate Program in the Department of Natural Resources and Environmental Studies (hereafter "the NRES international program"), National Dong Hwa University

Academic year 108

Compulsory Courses

Course code	Course Name	Credit	Course code	Course Name	Credit
NRESM0430	Seminar*	6	NRESM0330	Independent Study**	6
NRESM0160	Master Thesis	0			

^{*} Seminar course (two credit hour each): Students should take seminar three times and are limited to one seminar course each semester.

Elective Courses

Course code	Course Name	Credit	Course code	Course Name	Credit
NRESM0030	Special Topics on Ecology	3	NRESM0240	Special Topics in Earth Science	3
NRESM0070	Special Topics on Ecosystem Ecology	3	NRES@0100	Microbial Biotechnology	3
	Tropical Ecology	4	NRESM0340	Special Topics of Field Studies in Geology	3
NRESM0130	Remote Sensing and GIS	3		Computer Methods and Data Analysis in Earth Sciences	3
	Sedimentology	3		Special Topics of GPS and Earth Surface Processes	3
	Radar Interferometry and Surface Deformation	3	NRESM0300	Special Topics on Environmental Governance	3
NRESM0350	Environmental Measuring and Monitoring	3	NRESM0150	Socio-Ecological Systems & Traditional Knowledge	3
NRESM0080	Sustainable Environment & Development: A Global Perspective	3	NRESM0260	Climate Change and Sustainability	3
	Protected Areas and Community Participation	3	HASSM0370	Human Ecosystem - Framework and Application	3
NRESM0000	Research Methods in Natural Resources (I)	3	NRESM0190	Research Methods in Natural Resources (II)	3
NRESM0210	Structure of Scientific Papers	3	NRESM0270	Literature Review	3
NRESM0050	Research Proposal Writing in Environmental Sciences	3	NRESM0200	Scientific Writing	3
NRESM0040	Introduction to Statistics	3	NRESM0310	Scientific Method	3
NRESM0360	Internship of Natural Resources and Environmental Studies	1	NRES@0080	Special Topics on Environmental Management	3

^{* *} Independent Study (two credit hours each): After students have selected an advisor, they should take Independent Study three times and are limited to one Independent Study each semester.

- 1. All students must fulfill the following requirements for graduation:
 - (1) Each student must complete at least 27 credit hours of all-English-taught courses at the graduate level, including 12 compulsory and 15 elective credit hours. The details of course registration are described in points 2 and 3.
 - (2) Each student must complete a thesis and meet the requirements for thesis submission set by National Dong Hwa University.
 - (3) Each student must hold an oral defense for their thesis in front of a thesis committee with at least three members.
 - (4) The maximum number of credits for each semester is 12 credits, Chinese Language Courses are not included.

2. Compulsory courses are described below:

- (1) Seminar courses (one credit hour each): Students should take seminar three times and are limited to one seminar course each semester.
- (2) The courses named NRESM0110 Seminar (I), NRESM0170 Seminar (II), and NRESM0230 Seminar (III) are the same courses as that named Seminar.
- (3) Independent Study (two credit hours each): After students have selected an advisor, they should take Independent Study three times and are limited to one Independent Study each semester.
- (4) The courses named NRESM0020 Directed Study (I), NRESM0060 Directed Study (II), NRESM0120 Thesis Research (I) and NRESM0180 Thesis Research (II) are the same courses as that named Independent Study. For the students who took the above courses three times but the credit hours are less than 6, they should take Independent Study to fulfill the credit hours requirement.
- (5) Master Thesis: Students should take Master Thesis during their fourth semester.
- (6) Credits for the above courses are earned only for courses in which a grade of B- or higher is received.
- 3. Students should satisfy the requirements for elective courses with the following regulations:
 - (1) Students must earn 9 credit hours from the elective courses offered as core courses in the NRES international program.
 - (2) Students may take graduate-level, English-taught courses offered within or outside the NRES international program to satisfy the six remaining elective credit hours. However, each student must obtain approval from his/her advisor and the chairperson of the department prior to the inclusion of courses provided outside the College of Environmental Studies international programs as graduation requirement.
 - (3) Credits for the above courses are earned only for courses in which a grade of B- or higher is received.