

## Department of Soil and Environmental Sciences Graduation Requirements for Doctoral Students Enrolled after 2018

Items	Notes												
I. Years of Enrollment: 1. Minimum years of enrollment: 2 year 2. Maximum years of enrollment: 7 years (excluding 2 years of suspension)	Part-time students may prolong the maximum years of enrollment for 1 more year.												
II. Minimum credits for graduation: <u>34</u> credits (physical education and citizen national defense education are not included), including: 1. Courses: minimum of required credits: <u>8</u> ; minimum of elective credits: <u>14</u> 2. Dissertation: <u>12</u> credits	To pass academic and conduct courses, the grade has to be over 70 to be considered earning the credits. Students who fail the conduct grade will be object to expulsion from the university. The average of academic grades comprises 50 % of the overall graduation grades. *Required credits+ Elective credits + Dissertation = minimum credits for graduation.												
III. Transfer credits: maximum <u>11</u> credits	According to NCHU regulation for credits exemption, students should apply for courses exemption prior to the deadline of course add/drop.												
IV. Undergraduate credits from agriculture-related courses may be counted as graduation credits for the SES.	According to NCHU regulation, students who need to take undergraduate courses for their research purposes can submit the application during the period of course selection, and obtain approval from the chairperson, advisor, chairperson of the course offered, and dean of the academic affairs. The credits may be counted as graduation credits after students pass the courses. The maximum for such undergraduate credits: <u>6</u> credits.												
V. Credits from other departments: no limit (with the consent of the Thesis Advisor).	Include credits from other universities.												
VI. Required courses and credits: <u>20</u> credits <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">Core Course Title</th> <th style="text-align: center;">Credits</th> </tr> </thead> <tbody> <tr> <td>1.Seminar (I)</td> <td style="text-align: center;">2</td> </tr> <tr> <td>2.Seminar (II)</td> <td style="text-align: center;">2</td> </tr> <tr> <td>3. Research Method and Thesis Writing(1)</td> <td style="text-align: center;">2</td> </tr> <tr> <td>4. Research Method and Thesis Writing(2)</td> <td style="text-align: center;">2</td> </tr> <tr> <td>5. Dissertation</td> <td style="text-align: center;">12</td> </tr> </tbody> </table>	Core Course Title	Credits	1.Seminar (I)	2	2.Seminar (II)	2	3. Research Method and Thesis Writing(1)	2	4. Research Method and Thesis Writing(2)	2	5. Dissertation	12	Students who fail the core courses should retake these core courses. Students who don't complete the core courses cannot graduate.
Core Course Title	Credits												
1.Seminar (I)	2												
2.Seminar (II)	2												
3. Research Method and Thesis Writing(1)	2												
4. Research Method and Thesis Writing(2)	2												
5. Dissertation	12												
VII. Prerequisite Courses (not included in graduation credits): Requirements based on the Advising Professor	According to NCHU graduate regulation, students should take certain prerequisite courses at the undergraduate level, which are decided by advisors and chairperson. Prerequisite credits will not												
VIII. Doctoral Students Assessment: Students should pass the progress evaluation every year before 8/31.	Each progress evaluation committee shall consist of 3-5 members, including the thesis advisor.												
IX. Doctoral Candidacy Evaluation Students must pass the candidacy evaluation before they can apply for their dissertation defense.	Doctoral students who have failed their doctorate degree candidacy evaluation twice will be required to withdraw from the program.												
X. Dissertation Defense: 1. Students should discuss with their advisors prior to the end of first academic year. 2. Students must get the certification of "Education on Academic and Research Ethics" course before the application of the oral defense. 3. Students who complete minimum of enrollment, fulfill graduation credits, and complete the draft of thesis should apply for an oral defense at least 20 days prior to the oral defense. The passing grade for defense is $\geq 70$ .	Oral defense comprises 50% of graduation grade Students must learn "Education on Academic and Research Ethics" course and have the exam for getting the certificate from the website of the Research Ethics Education. Master thesis should be written in English and oral defense should be carried out in English. Students who fail oral defense within enrollment should retake it again next semester or year. If students who retake oral defense fail again, their study will be terminated. The grade for retaking oral defense is 70.												
XI. Others: * Before applying for an oral defense, students should have published at least a SCI journal article with an acceptance letter and submitted at least a SCI manuscript with a proof letter. * Students should have performed an oral presentation in a national or international conference. * Students should meet the Guidelines for Including English Proficiency as a Graduation Requirement													