

環境科技博士學位學程(台灣聯合大學系統)

108 學年度

最低修業年限	一般生 2 年
應修學分數	18 學分
逕博應修學分數	33 學分
應修(應選)課程及符合畢業資格之修課相關規定	<p>(一)學分制度</p> <p>(1)具碩士學位者須修滿十八學分，非環工相關之碩士學位者，十八學分中必須含環境工程研究所(以下簡稱本所)課程至少九學分，及至少修滿四學期之專題討論課程。</p> <p>(2)逕讀博士學位者之應修學分數為三十三學分(可扣除碩士期間已修學分數，最多以扣除二十四學分為限)，及至少修滿六學期(含碩士期間已修學期數)之專題討論課程。</p> <p>(3)修本所個別研究課程之外籍生，得申請免修本所專題討論課程。</p> <p>(4)選修所外課程如要計入畢業學分，需經過指導教授認可，至多為十二學分。</p> <p>(5)博士班研究生因故離校未超過二年者，經入學考試重新入學時，其先前在本所修習之課程及完成之論文，在未改變研究專長時，經確認得予以承認；曾通過資格考試者，得免予資格考筆試，僅再通過資格考的口試即可。本項學分抵免以一次為限。</p> <p>(6)本校與境外大學辦理雙聯學制所屬博士班研究生於境外大學修習及格之科目及學分，得依本校「學生抵免學分辦法」申請抵免。</p> <p>(二)課程要求</p> <p>(1)必修科目：環境科學與工程特論、環境污染與健康風險特論、環境監測與分析特論(三選二)及書報討論，共六學分。</p> <p>(2)選修科目：選課範圍以台灣聯大四校當學期公佈之研究所課程表為準。</p> <p>(三)畢業要求</p> <p>(1)博士班研究生修業期限以二至七年為限，博士生於學位論文口試前，應已發表或已取得接受文件的SCI期刊論文或有審查制度之非SCI學術期刊論文，論文篇數及期刊條件須符合下列兩項中之任一項：</p> <p style="margin-left: 20px;">(a) SCI期刊論文二篇，其中至少一篇為第一作者。</p> <p style="margin-left: 20px;">(b) 第一作者的SCI期刊論文一篇及有審查制度之非SCI學術期刊論文二篇。</p> <p style="margin-left: 20px;">專利視同為有審查制度之非SCI學術期刊論文，但至多採計一篇。以上論文需以本學程名義並與指導教授共同發表。</p> <p>(2)未通過學位考試之學生，於修業年限未屆滿前，得重考一次，且只限於重考一次，未通過第二次考試者，應令退學。</p>
備註	

International Ph.D. Program in Environmental Science and Technology (University System of Taiwan), 2019 School Year

Mini. Study Period	2 Years for General Students
No. of Credits Required	18 credits
No. of Credits Required for Ph.D. Students	33 credits

from Master's Program without Examination	
Required (Selective) Courses and Relevant Course Rules for Graduation	<p>1. Credit</p> <ol style="list-style-type: none"> (1) Students with a Master Degree must complete at least 18 credits of courses; students without a Master Degree related to environmental engineering must take at least 9 credits of courses in the Institute, and at least 4 semesters for Seminar courses. (2) Students who enroll the Ph.D. program directly from a Master program must complete at least 33 credits of courses (no more than 24 credits taken in the Master program can be waived), and must complete at least 6 semesters for Seminar courses (including the semesters taken in the Master program). (3) International students who take Individual Study courses of the Institute are exempt from taking Seminar courses of the Institute. (4) Students who take courses at other Institutes must have prior approval from his/her advisor(s), and up to 12 credits in total of such courses can be adopted into the total credits required for graduation. (5) If a student re-enrolls in the Ph.D. program after ceasing studying for over 2 years, the courses taken and the thesis done in the Institute before may be approved by the Institute if his/her research subjects have not been altered; a student is exempt from taking the written test in the Candidate Qualification Examination if he/she has passed it before, but still has to take the oral test of the Candidate Qualification Examination again. This credit can be waived only once. (6) Subjects and credits students have taken and passed in overseas universities that cooperate with NCTU in joint dual-degree programs can be waived in accordance with the Regulation of Transference and Waiver of Credits of the University. <p>2. Course Requirement</p> <ol style="list-style-type: none"> (1) Compulsory courses: Special Topics on Environmental Science and Technology, Special Topics on Environmental Pollutions and Health Risk, Special Topics on Environmental Monitoring and Analysis (must select 2 out of 3) and Seminar course; the total is 6 credit hours. (2) Elective courses: Based on the curriculum announced in each semester by NCU, NCTU, NTHU, and NYMU (University System of Taiwan). <p>3. Graduation Requirement</p> <ol style="list-style-type: none"> (1) The period of study for the Ph.D. program is 2 to 7 years. Before applying for an oral defense, a student has to publish papers in or acquire the documents of paper acceptance from SCI journals or non-SCI journals with a peer-review system. The number of papers and the type of journals shall meet one of the following two criteria: <ol style="list-style-type: none"> (a) Two papers in SCI journals with the student being the first author of at least one of the two papers. (b) One SCI journal paper with the student being the first author, and two non-SCI peer-reviewed journal articles. <p>A patent is deemed as a non-SCI peer-reviewed journal article, but no more than one can be accepted. Papers of types mentioned above have to be jointly published with the advisor of a student in the name of this Program.</p> (2) Students who fail in the degree examination can apply for a make-up examination only once before the period of study expires; students who are unable to pass the second degree examination will be dismissed from school.