

Department of Agronomy(Genetics and Breeding group) Graduation Requirements for Master Students Enrolled after 2024

Items	Notes																								
I. Years of Enrollment: 1. Minimum years of enrollment: 1 year 2. Maximum years of enrollment: 4 years (excluding 2 years of suspension)	Part-time students may prolong years of enrollment for 1 more year.																								
II. Minimum credits for graduation: <u>30</u> credits (physical education and citizen national defense education are not included), including: 1. Courses: minimum of required credits: <u>12</u> minimum of elective credits: <u>12</u> 2. Master Thesis: <u>6</u> credits	Students are considered to have passed both academic and conduct assessment with the grade of 70 or above. Students who fail in conduct will be dismissed. The average of academic grades comprises 50 % of the overall graduation grades. *Required credits+ Elective credits + Master Thesis = minimum credits for graduation																								
III. Transfer credits: maximum <u>12</u> credits	According to NCHU regulation for credits exemption, students should apply for credits exemption prior to the deadline of course add/drop.																								
IV. Undergraduate credits from discipline-related courses may be counted as graduation credits. Maximum <u>3</u> credits	According to NCHU regulation, the number of credits students should take is determined by their advisor or the department chairperson. Students who need to take undergraduate courses for research purposes, besides the credits for graduation, may take undergraduate courses with the consent of the instructor. The course may be counted as graduation credits after obtaining the approval form the advisor, and relevant department committee. Nevertheless, the maximum for such undergraduate credits: <u>6</u> credits. If graduate students take combined courses for fourth-year undergraduates and graduates, the maximum counted credits:12 credits.																								
V. Credits from other departments: <u>6</u> credits.	Including inter-university credits.																								
VI. Core courses and credits: <u>18</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 in Crop Production and Physiology (I)</td><td style="text-align: center;">2</td></tr> <tr><td>2. Seminar in Crop Genetics and Breeding (I)</td><td style="text-align: center;">2</td></tr> <tr><td>3. Seminar in Statistical Method and Experimental Design(I)</td><td style="text-align: center;">2</td></tr> <tr><td>4. Seminar in Crop Production and Physiology (II)</td><td style="text-align: center;">2</td></tr> <tr><td>5. Seminar in Crop Genetics and Breeding (II)</td><td style="text-align: center;">2</td></tr> <tr><td>6. Seminar in Statistical Method and Experimental Design(II)</td><td style="text-align: center;">2</td></tr> <tr><td>7. Advanced Crop Sciences</td><td style="text-align: center;">2</td></tr> <tr><td>8. Advanced Crop Genetics</td><td style="text-align: center;">2</td></tr> <tr><td>9. Advanced Crop Physiology</td><td style="text-align: center;">2</td></tr> <tr><td>10. Advanced Plant Breeding</td><td style="text-align: center;">2</td></tr> <tr><td>11. Thesis</td><td style="text-align: center;">6</td></tr> </tbody> </table>	Core Course Title	Credits	1. Seminar in Crop Production and Physiology (I)	2	2. Seminar in Crop Genetics and Breeding (I)	2	3. Seminar in Statistical Method and Experimental Design(I)	2	4. Seminar in Crop Production and Physiology (II)	2	5. Seminar in Crop Genetics and Breeding (II)	2	6. Seminar in Statistical Method and Experimental Design(II)	2	7. Advanced Crop Sciences	2	8. Advanced Crop Genetics	2	9. Advanced Crop Physiology	2	10. Advanced Plant Breeding	2	11. Thesis	6	1. Students who fail the core courses should retake core courses. 2. Students who don't complete core courses cannot graduate. 3. Seminar (I) and (II) each require earning 2 credits. *Courses can be taken across groups and are not restricted by semester. Upon completing 4 credits of seminars, the course will be considered as completed.
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IX. Others: 1. English Proficiency Graduation Criteria: None 2. Before graduating, graduate students must publish a paper in an academic journal or present a paper in an academic seminar or poster before they can apply for the thesis examination.																									

2025/3/12

Coordinator 系(所、學位學程)承辦人：

Chairperson 系所主管簽章：

Department of Agronomy(crop science group) Graduation Requirements for Master Students Enrolled after 2024

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2025/3/12

Coordinator 系(所、學位學程)承辦人：

Chairperson 系所主管簽章：

Department of Agronomy(Biostatistics group) Graduation Requirements for Master Students Enrolled after 2024

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2025/3/12

Coordinator 系(所、學位學程)承辦人：

Chairperson 系所主管簽章：

Department of Agronomy Graduation Requirements for Master Students Enrolled after 2024

professional elective courses

Core Course Title		Semester /Year	Credits
1	Crop Molecular Breeding	S	3
2	Advanced Methodology of crop breeding	S	3
3	Genomics	S	3
4	Plant Physiological and Ecological Genetics	S	3
5	Cytogenetics:with Practice	S	3
6	Crop Resources	S	2
7	Advanced Seed Science	S	2
8	Crop Environmental Physiology	S	2
9	Crop Metabolic Physiology	S	2
10	The Physiology of Crop Yield	S	2
11	Physiology of Herbicide Action	S	2
12	Regression Analysis	S	3
13	Advanced Experimental Design and Statistical Analysis	S	3
14	Sampling Techniques	S	2
15	Multivariate Statistical Analysis	S	3
16	Categorical Data Analysis	S	3
17	Nonparametric Analysis	S	3
18	Applied Statistical Packages	S	3
19	Technique in Health Cultivation Management for Crops	S	3
20	Design and Analysis of Experiments in Agricultural Science	S	3
21	The application of genetics and genomics in crop improvement	S	2
22	Statistical Methods in Bioinformatics	S	3
23	Introduction to Biostatistics	S	2
24	Advanced Research Methods in Crop Science	S	3

[illegible]

Note:

1. The elective courses listed above are part of the academic curriculum plan; however, they may not be offered or may be canceled due to insufficient enrollment.
2. Courses with codes starting with 6 or 7 are designated as graduate-level courses.
3. Courses with codes starting with 5 are classified as advanced courses under the "Curriculum Planning and Course Offering Guidelines," and a maximum of 12 credits from these courses may be counted toward graduation requirements.