

Graduation Requirements for **Ph.D.** Students at *Graduate Institute of Microbiology and Public Health (Microbiology Division)* Enrolled after 2016

Date: 2023/12/28

Items	Notes
I. Study Period: <ol style="list-style-type: none"> Minimum duration of study: 2 years. Maximum duration of study: 7 years (excluding 2 years of suspension). 	<p>Part-time students may extend years of study period for 1 more year.</p>
II. Minimum credits for graduation: (physical education and citizen national defense education are not included) <ol style="list-style-type: none"> Regular students: <u>30</u> credits, including: <ol style="list-style-type: none"> Courses: <ul style="list-style-type: none"> minimum of required course credits: <u>4</u>; minimum of elective course credits: <u>14</u>. Dissertation: <u>12</u> credits. Students directly admitted to the doctoral program from the Master program: <u>42</u> credits, including: <ol style="list-style-type: none"> Courses: <ul style="list-style-type: none"> minimum of required course credits: <u>4</u>; minimum of elective course credits: <u>26</u>. Dissertation: <u>12</u> credits. 	<p>Students are considered to have passed both academic and conduct assessments with a grade of 70 points or above. Students who fail the conduct assessments will be dismissed.</p> <p>The average academic grade comprises 50 % of the overall graduation grades.</p> <p>Students directly admitted to the PhD program from the Master's program may transfer up to 12 credits from courses completed during their Master's program.</p> <p>Undergraduate students directly admitted to the doctoral program may transfer up to half of the total credits required for Ph.D. graduation, excluding dissertation credits.</p> <p>*Required course credits + Elective course credits + Dissertation = minimum credits for graduation.</p>
III. Credits exemption: maximum <u>6</u> credits.	<p>According to NCHU regulation for credit exemption, students should apply for credit exemption prior to the designated deadline of the course addition or drop-off.</p>

<p>IV. Undergraduate credits from discipline-related courses may be counted as graduation credits.</p>	<p>According to NCHU regulations, 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, in addition to the credits for graduation, may take undergraduate courses with the instructor's consent. The course may be counted as graduation credits after obtaining approval from the advisor and relevant department committee. Nevertheless, the maximum for such undergraduate credits is 6 credits.</p>								
<p>V. Credits from other departments: <u>6</u> credits.</p>	<p>Including inter-university credits.</p>								
<p>VI. Core courses and credits: <u>16</u> credits.</p> <table border="1" data-bbox="156 1032 933 1216"> <thead> <tr> <th>Core Course Title</th><th>Credits</th></tr> </thead> <tbody> <tr> <td>1. Seminar in Veterinary Microbiology (I)</td><td>2</td></tr> <tr> <td>2. Seminar in Veterinary Microbiology (II)</td><td>2</td></tr> <tr> <td>3. Dissertation</td><td>12</td></tr> </tbody> </table>	Core Course Title	Credits	1. Seminar in Veterinary Microbiology (I)	2	2. Seminar in Veterinary Microbiology (II)	2	3. Dissertation	12	<p>Students who fail the core courses should retake core courses.</p> <p>Students who don't complete core courses cannot graduate.</p>
Core Course Title	Credits								
1. Seminar in Veterinary Microbiology (I)	2								
2. Seminar in Veterinary Microbiology (II)	2								
3. Dissertation	12								
<p>VII. Prerequisite Courses (not included in graduation credits): <u> </u> credits.</p>									
<p>VIII. Students should consult and finalize their advisors by the end of the first academic year.</p>	<p>Students who fail to finalize an advisor within the required timeframe will be suspended for one semester.</p>								
<p>IX. Qualification Evaluation for Doctoral Candidate: Students must complete the minimum study period, fulfill required coursework and credits, and draft the outline and basic content of the thesis proposal before applying for the qualification examination. The candidate is considered qualified only if approved by more than two-thirds of the committee members.</p>	<p>Students who fail the doctoral candidate qualification examination may not apply for the dissertation defense. Students who fail a retake will be dismissed.</p>								

X. Dissertation Defense:

1. Students must get the certificate of the “Education on Academic and Research Ethics” course before the application of the oral defense.
2. Students who pass the doctoral candidate qualification evaluation and complete the draft of the thesis could apply for oral defense on the day at least 20 days prior to the oral defense. A score of 70 is required to pass the thesis examination.

The oral defense comprises 50% of the graduation grade.

Students must complete the “Education on Academic and Research Ethics” course and take the exam to obtain the certificate from the Center for Taiwan Academic Research Ethics Education website. Each department may additionally require the completion of professional academic research ethics education workshops, which will be implemented according to the regulations established by each department.

Students who fail the oral defense within study period should retake it next semester or year. If students who retake the oral defense fail again, their studies will be terminated. The score of the retaken oral defense is uniformly calculated at 70.

XI. Others:

1. Before applying for the degree oral defense, students must have published (or have accepted) at least one full paper related to their degree in an SCI journal ranked within the top 20% in the field or with an impact factor greater than 3.5. Alternatively, students must have published two papers in peer-reviewed domestic or international journals, with at least one published in an SCI journal. (The ranking percentage is determined based on the most recent data available in the WOS database at the time of submission, or, alternatively, the WOS data announced at the time of acceptance or official publication.)
 - (1) The submission date must be after the PhD enrollment.
 - (2) The student must be the first author of the paper; the rankings of other authors, regardless of contribution.
 - (3) Affiliation of the student must specify the Graduate Institute of Microbiology and Public Health, National Chung Hsing University.
 - (4) To apply for the oral defense, the corresponding author of at least one of the SCI journal papers must be the “main advisor” from this institute.
2. Before graduation, students must present their research at least three times at domestic or international academic conferences.
3. For other matters, please refer to the institute’s regulations for doctoral students.
4. No English proficiency requirement is needed for graduation.

According to Article 2 of the "NCHU English Proficiency Graduation Standards for Students," departments are authorized to establish their own English proficiency graduation requirements for graduate students. (Approved during the 57th Academic Affairs Meeting on March 26, 2009).

The English version is provided for reference only.

In case of any discrepancies between the English and Chinese versions, the Chinese version shall prevail.