

# MEMORANDUM OF AGREEMENT between

## **Qingdao Agricultural University Department of Entomology & Plant Pathology and Auburn University Department of Entomology & Plant Pathology**

The purpose of this document is to outline departmental-specific procedures and considerations governing the admission and advancement of 3+2 students from Qingdao Agricultural University. It is intended to assure mutual understanding about the detailed conduct of the program between the two departments and to provide clear guidelines for the students who participate.

### **I. 3+2 Program in the Department of Entomology & Plant Pathology**

A 3+2 program between Auburn University (AU) and Qingdao Agricultural University (QAU) provides for direct admission of selected third-year Qingdao Agricultural University students with completion of four years of QAU coursework into the M.S. degree program in the Department of Entomology and Plant Pathology <http://www.ag.auburn.edu/enpl/> at AU with two disciplines relating to graduate studies: ENTOMOLOGY (ENTM) and PLANT PATHOLOGY (PLPA). After completing their first year study at Auburn University, QAU will award students the bachelor's degree and students will complete coursework required by the Department.

The 3+2 program students are required to conduct B.S. Senior Thesis and M.S. thesis research under the direction of a faculty member <http://www.ag.auburn.edu/enpl/directory/faculty/> in the Department of Entomology and Plant Pathology. We encourage students to contact professors whose program they are interested in before coming to Auburn.

### **II. Application Materials for the AU Graduate School:**

QAU students apply to the AU Graduate School seeking graduate admission while noting their status as QAU 3+2 students. <http://grad.auburn.edu/ps/requirements.html>

### **III. Test Scores:**

The AU Graduate School requires the TOEFL or IELTS test for admission.

The AU Graduate School does not require the GRE test, and the Department does not require the GRE.

### **IV. Application Materials for the Department:**

The 3+2 program students are required to take TOEFL before application, however, The GRE requirements are provisionally waived from the Department. Three letters of recommendation, resume, and a letter of intent are required to be sent to the Department directly. The letter of intent is a personal statement of interest and should contain appropriate information about a student's academic or research experience, career goals, and how acquisition of the specific M.S. degree will serve to advance their professional goals. If students have contacted potential supervisors, please indicate this in the letter. E-mail documents are fine, but the documents

should all be combined into one pdf file, and not sent as separate documents. These materials should be sent to:

Nannan Liu, Ph.D.  
301 Funchess Hall  
Department of Entomology and Plant Pathology  
Auburn University  
Auburn, AL 36849  
USA  
Email: [liunann@auburn.edu](mailto:liunann@auburn.edu)  
Phone: 334-844-2661

**V. Courses Required for the 3+2 Students for the QAU B.S. Degree:**

QAU students will be considered as having satisfied all courses required for the QAU B.S. degree unless the AU department and the student is otherwise informed.

**VI. Senior Thesis:**

QAU students complete the QAU Senior Thesis requirement in the Department of Entomology and Plant Pathology at AU through an AU faculty Directed Research Project. The Senior Thesis Defense will include a presentation of the research results followed by discussion with a research committee organized by the advising professor. The Senior Thesis document will be presented in English in a format suitable for submission to an identified refereed scientific journal.

**VII. Courses Required for the 3+2 Program Students for a M.S. Degree:**

Students in the discipline of ENTOMOLOGY (ENTM) are required to take the following courses: 1) Insect Physiology (ENTM 7200), 2) Insect Morphology (ENTM 7220), 3) Systematic Entomology (ENTM 7300), 4) Seminar (RNTM 7950), 5) Research and Thesis (ENTM 7990), and 6) 11 Hours of Approved Electives <http://www.ag.auburn.edu/enpl/courses.html>.

Students in the discipline of PLANT PATHOLOGY (PLPA) are required to take following courses: 1) Introductory Mycology (PLPA 6200), 2)\* Plant-Bacterial Interactions (PLPA 7300), 3)\* Plant Virology (PLPA 6400), 4)\* Plant Nematology (PLPA 7500) (\*select two from these three courses), 5) Seminar (PLPA 7950), 6) Research (PLPA 7990), Experimental Methods (PLPA 7080), and 7) Hours of Approved Electives <http://www.ag.auburn.edu/enpl/courses.html>.

**VIII. M.S. thesis research:**

M.S. Thesis research, which can be extended from the B.S. Senior Thesis, will be completed at AU in the second year. Students will receive a M.S. degree from the Department of Entomology and Plant Pathology, AU. The M.S. Thesis Defense will include a seminar presentation of the research results to the Department followed by discussion with a research committee organized by the advising professor.

**IX. Conclusion:**

This agreement is subsidiary to and governed by the 3+2 Broad Agreement between the two institutions wherein procedures for modification and notification are detailed.

**X. Signatures:**

For AUBURN UNIVERSITY  
Department of Entomology & Plant  
Pathology

For QINGDAO AGRICULTURAL  
UNIVERSITY  
Department of Entomology & Department of  
Plant Pathology

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Dr. Nannan Liu  
Professor & Chair

Date

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Dr. Zhonglin Yuan  
Professor & Chair/Dean

Date

