



University Council

February 14, 2020

UNIVERSITY CURRICULUM COMMITTEE – 2019-2020

John Maerz, Chair

Agricultural and Environmental Sciences – Nicholas Fuhrman

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Journalism and Mass Communication – James Hamilton

Law – Randy Beck

Pharmacy – Michelle McElhannon

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Public Health – Brittani Harmon

Social Work – Harold Briggs

Veterinary Medicine – Susan Sanchez

Graduate School – Amy Medlock

Ex-Officio – Provost S. Jack Hu

Undergraduate Student Representative – Melissa Hevener

Graduate Student Representative – Jordan Henley

Dear Colleagues:

The attached proposal from the College of Veterinary Medicine for a new Area of Emphasis in Clinical Microbiology under the Graduate Certificate in Clinical Residency will be an agenda item for the February 21, 2020, Full University Curriculum Committee meeting.

Sincerely,

John Maerz, Chair

University Curriculum Committee

cc: Provost S. Jack Hu  
Dr. Rahul Shrivastav

## PROPOSAL FOR AREA OF EMPHASIS

1. **School/College:** College of Veterinary Medicine
2. **Department/Division:** Infectious Diseases
3. **Program:** Graduate Certificate in Clinical Residency
4. **Certificate Requirements:** See below
5. **Area of Emphasis Title:** Clinical Microbiology
6. **Proposed starting date:** Summer 2020
7. **CIP:** 26050301
8. **Area of Emphasis Description:**

The University of Georgia Graduate Certificate in Clinical Residency with an Area of Emphasis in Clinical Microbiology is a two- or three-year residency program that provides training and experience to qualify the individual to take the certification examination of the American College of Veterinary Microbiologists (ACVM).

Training is supervised by three full-time faculty members. The program includes formal course work, participation in the Microbiology Diagnostic Laboratory, case conferences, and participation in laboratory meetings.

The resident is expected to complete a research project or clinical study under the guidance of a faculty member during the residency program. The results of this work will be presented at the annual American Association of Veterinary Laboratory Diagnosticians (AAVLD) meeting and other meetings as feasible. It is recommended that the student's work be submitted in manuscript form to a refereed journal. Continuation in the program from year-to-year is contingent on satisfactory performance.

UGA's Clinical Microbiology Program consists of two laboratories (Athens and Tifton) that include the areas of bacteriology (MADITOF), mycology (MADITOF), virology (including viral isolation), serology, molecular bacteriology, molecular virology, molecular parasitology, NGS (MinION, Illumina, Sanger), and bioinformatics. Residents will be trained in all areas of pathogen isolation and identification, including gross pathology associated with infectious diseases. There is special emphasis on antimicrobial susceptibility testing guidelines and antimicrobial stewardship. Residents will also be trained on the laboratory standards, such as quality management programs and client communication, over the duration of their training.

Students will choose from the following courses. A two-year residency requires a minimum of 90 credit hours, and a three-year residency requires a minimum of 144 hours.

**IDIS 8010**, Advanced Studies in Infectious Diseases (4 hours)

**IDIS 8160**, Seminar in Infectious Diseases (1 hour; repeatable for maximum 15 hours)

**IDIS 8540**, Special Topics in Bacterial Pathogenesis (1 hour; repeatable for maximum 8 hours)

**IDIS 8550**, Special Topics in Immunology (1 hour; repeatable for maximum 8 hours)

**IDIS 8590**, Special Topics on Diseases Intervention (1 hour; repeatable for maximum 8 hours)  
**IDIS 8610**, Clinical Microbiology Residency I\* (1-18 hours; repeatable for maximum 54 hours)  
**IDIS 8620**, Clinical Microbiology Residency II\* (1-18 hours; repeatable for maximum 54 hours)  
**IDIS 8630**, Clinical Microbiology Residency III\* (1-18 hours; repeatable for maximum 54 hours)  
**IDIS 8635\***, Manuscript Writing (1 hour)

*Note: Students may enroll in other scientific manuscript writing courses offered at UGA.*

**IDIS 8900**, Problems in Infectious Diseases (1-10 hours; repeatable for maximum 10 hours)  
**IDIS 8XX1\***, Problems in Antimicrobial Resistance (course being created)  
**POPH 8150**, Avian Medicine Seminar (1 hour; repeatable for maximum 3 hours)  
**VETM 9000**, Doctoral Research (1-18 hours; repeatable for maximum 350 hours)  
**VPAT 8050**, Problems in Veterinary Pathology (2-5 hours; repeatable for maximum 15 hours)  
**VPAT 8140**, Seminar in Veterinary Pathology (1-2 hours; repeatable for maximum 2 hours)  
**VPAT 8250**, Advanced Problems in Veterinary Pathology (1-6 hours; repeatable for maximum 12 hours)

*Other courses can be used if approved by supervisor and the course is applicable to residency program.*

\*Indicates a new course

## Approvals on File

**Proposal:** Area of Emphasis in Clinical Microbiology under the Graduate Certificate in Clinical Residency

**College:** College of Veterinary Medicine

**Department:** Infectious Diseases

**Proposed Effective Term:** Fall 2020

Department:

- Infectious Disease Department Head, Dr. Frederick Quinn, 1/22/20

School/College:

- College of Veterinary Medicine Associate Dean, Dr. Sharron Quisenberry, 1/22/20

Graduate School:

- Graduate School Interim Dean, Dr. Ron Walcott, 1/24/20