

FALL '10- SPECIAL PROBLEMS, PATHOLOGY OF AQUATIC ORGANISMS (FISH 7960/8960)

COURSE: FISH 7960/8960, Special Problems *Pathology of Aquatic Organisms*, 2 credit hours

MEETING TIME / LOCATION: Thursday, 1:00-3:00 pm / 324 Upchurch Hall

OFFICE HOURS / LOCATION: open

PREREQUISITES: Permission of primary instructor (Bullard)

INSTRUCTORS: Dr. Ash Bullard (office phone: 334-844-9278; ash.bullard@auburn.edu)

COURSE OBJECTIVES AND APPROACH: Students will gain an appreciation and familiarity for histopathological techniques and be able to recognize basic pathological changes to tissues in aquatic organisms. The student will be assigned an area of study that could crosscut the fields of Pathology, Parasitology, Aquatic Animal Health, Fish Disease, and Invertebrate Zoology. It is expected that the successful student emerge from this course with an abstract and results appropriate for presentation at a scientific meeting and/or publication in a peer-reviewed scientific journal. At course end, each student will author an abstract and produce a 12 minute presentation on their selected research topic.

COURSE MATERIALS: Relevant peer-reviewed scientific literature concerning pathology.

GRADING POLICY: Students will be evaluated based on the following criteria and grading scale.

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| 1. Contribution to research topic: | 50 possible points |
| 2. Competency in finding relevant literature: | 25 possible points |
| 3. Final research presentation/talk: | 25 possible points |
- A = 100-90%; B = 89-80%; C = 79-70%; D = 69-60%; F < 60%

JUSTIFICATION FOR GRADUATE CREDIT. This course is intended for graduate students since a basic knowledge of general biology, cell and molecular biology, aquatic sciences, and molecular biology is expected. Students must read, synthesize, summarize, and discuss scientific papers. Students will be required to work independently towards completion of their project goals.

ATTENDANCE POLICY: You are expected to attend class. Missing a class meeting without future notice will deduct 2 points from your "Contribution to research topic" category.

WITHDRAWING FROM COURSE: Departmental and University policies are followed herein; see appropriate semester schedule for those policies as well as their respective deadlines.

ACCOMODATIONS FOR DISABILITIES: See your instructor during the first week of classes if you are registered with Disabled Students Services and need special consideration.

Other rules and policies can be found at www.auburn.edu/tigercub/