6. Special Consideration – Certificate Program

Department of Biomedical Sciences, TAMU and
Department of Marine Biology, TAMUG
Certificate Program in Biomedical Sciences
Certificate Program in Marine Biology
Proposal for Marine Biology & Biomedical Sciences Certificate Programs

This collaboration is intended to maximize the course offerings and resources of both the Biomedical Sciences program and the Marine Biology program and to provide students a greater wealth of opportunities.

The certificate program prepares the graduate for careers in aquatic animal health, seafood technology, and various marine related disciplines as well as advanced studies in veterinary medicine, human medicine, allied health, biological oceanography and related biological disciplines. The program provides an in depth, applied understanding of aquatic animal health and disease.

The program will have limited enrollment, depending upon available resources at the time of application. All courses in the program must be completed with a grade of C or better. The certificate will be awarded upon completion of a B.S. degree in Biomedical Sciences or Marine Biology.

Students desiring to obtain a certificate must have approval from the department granting the certificate. Students must have a cumulative 2.5 grade point ratio to be admitted to the certificate program and have completed BIOL 111, 112, CHEM 227 and 228. Interested students should visit with an academic advisor in the department offering the certificate at least one semester prior to entry to discuss departmental requirements as well as to select coursework appropriate to his or her individual interests. Students should also consult an academic advisor in the major to determine how the certificate coursework will be applied to the degree. Students should seek additional advisement if planning to pursue admission to medical school or veterinary medical school.

Certificate in Biomedical Sciences (available to Marine Biology majors)

Students will complete 15 semester credit hours in BIMS consisting of:

- at least 2 of the courses listed specifically as VAPH 305, VTPP 423 and VTPB 405 for 8 to 9 semester credit hours
  - VAPH 305 Biomedical Anatomy (4 sch)
  - VTPP 423 Biomedical Physiology I (4 sch)
  - VTPB 405 Biomedical Microbiology (5 sch)

- 2 to 3 additional courses selected from approved BIMS directed electives for 6 to 7 semester credit hours

Certificate in Marine Biology (available to Biomedical Sciences majors)

Students will complete 15 semester credit hours in MARB consisting of:

- 15 semester credit hours of approved upper-division marine biology electives (MARB prefix) chosen in consultation with an advisor

Frank H. Zande
Director
Biomedical Sciences

Richard Adams
Dean
College of Veterinary Medicine

E. Ara
Department Head
TAMUG Marine Biology

J. Moore
Assoc. Vice Pres. Research & Academic Affairs
TAMUG