

CBS PhD Program of Study Checklist

Minimum: 60 credit hours

Must include:

- VMED 7004 (2) *F*: Introduction to Research
- CBS 7108 (3) *F*: Critical Analysis in Molecular Biology/Medicine
- CBS 7104 (3) *F*: Biomedical Cell and Molecular Biology

Statistics 7000 level

- EXST 7003 (4) • PBS 7312 (4)

- Professional Curriculum Courses (6) Choose from:

- CBS 7109 (3) *F/S*: Advanced Macroscopic Anatomy (Osborn)
- CBS 7112 (3) *F/S*: Advanced Microscopic Anatomy (Osborn)
- CBS 7603 (3) *F*: Clinical Toxicology (Abdelmoneim)
- CBS 7632 (3) *F*: Biomedical Physiology 1 (Francis)
- CBS 7633 (3) *F*: Biomedical Physiology 2 (Francis)
- CBS 7634 (3) *S*: Biomedical Physiology 3 (Cheng)
- CBS 7631 (3) *S*: Biomedical Neuroscience (Strain)

Examples: Physiology, 2 from: CBS 7632, 7633, or 7634
 Anatomy, 2 from: CBS 7109, 7112, or 7631
 Pharm/Tox, both: CBS 7634 and 7603

- At least 24 hours of credit earned outside VMED 8900 and VMED 9000 – VMED 8900 can only be taken for a maximum of 6 hours credit toward the degree
- A maximum of 6 hours of 7002 (Research Techniques, any department) and 8 hours of 7003 (Special Topics, any department) may be taken.
- Students are also required to participate in all succeeding semesters in CBS 7001 (1 hour) Seminar
CBS 7004 (1 hour) Journal Club Current Literature in Comparative Biomedical Sciences. Attendance is required whether the student registers for the courses or not, and the only exception is course conflict.

Whenever possible, students are encouraged to obtain teaching experience in one of the professional courses in anatomy, physiology, pharmacology, or toxicology, based on expertise developed during the student's academic training.

Three seminar presentations are required in the doctoral program. The first of which is to present the doctoral research plan, the second marks the student's progress, and the third is the dissertation defense.

There are no specific caps on the number of hours one may take, but there must be a balance between intellectual interest and the need to complete the doctoral degree before financial support is exhausted. Average time to completion of the PhD in Veterinary and Biomedical Sciences is about 5.5 years.