CBPH 603. MiBio Seminar. 2 Credits.
This class is designed to 1) enhance students’ ability to present scientific material to their peers in a comprehensive, cohesive manner, 2) familiarize students with scientific concepts and technologies used in multiple disciplines, 3) expose students to cutting edge research, 4) prepare students to gain substantial meaning from seminars and to ask questions, and 5) enhance students’ ability to evaluate scientific papers and seminars.
Grading status: Letter grade
Same as: CBIO 603, BIOL 603, GNET 603.

CBPH 705. Improving Presentation & Communication of Scientific Results. 2 Credits.
Learning modern day techniques and approaches to convey scientific results effectively as a public speaker. Teaching how to implement the key aspects of effective presentation of scientific findings in public settings. Understanding the key components of an effective public talk including scientific content, body language, and voice. Learning how to captivate the target audience and yet still convey data driven scientific findings.
Repeat rules: May be repeated for credit.
Grading status: Letter grade
Same as: NBIO 850.

CBPH 706. Communicating Scientific Results. 1 Credit.
Practice in oral and written communication evaluated by peers and faculty. Includes delivery of coached presentations on topics in physiology and preparation of writing assignments typically encountered in scientific life.
Repeat rules: May be repeated for credit.
Grading status: Letter grade

CBPH 710. Advanced Light Microscopy. 3 Credits.
An intensive and comprehensive hands-on laboratory-oriented course in light microscopy for researchers in biology, medicine, and materials science. This course will focus on advanced quantitative fluorescence microscopy techniques used for imaging a range of biological specimens, from whole organisms, to tissues, to cells, and to single molecules. This course emphasizes the quantitative issues that are critical to the proper interpretation of images obtained with light microscopes.
Repeat rules: May be repeated for credit. 6 total credits. 1 total completions.
Grading status: Letter grade
Same as: NBIO 710.

CBPH 741. Introduction to Human Anatomy. 3 Credits.
A general course for persons preparing for careers as dental hygienists. Two lectures and two laboratory hours a week.
Grading status: Letter grade.

CBPH 791. Gross Anatomy for Physical Therapists. 4 Credits.
Fundamental principles and concepts of human gross anatomy for physical therapists taught by lectures and cadaver dissection. Emphasis on functional anatomy. Three lecture hours and six laboratory hours a week.
Requisites: Prerequisites, BIOL 474 and 474L; Permission of the instructor for students lacking the prerequisites.
Grading status: Letter grade.
CBPH 890. Special Topics in Cell Biology & Physiology. 1-5 Credits.
Modern day exploration of topics or methodologies of interest to PhD
students in biomedical sciences. New or old relevant technologies/
methodologies or subject areas of research, and/or professional skills
enhancement will be addressed. This could be either for enhancing
knowledge of subject materials or teaching skill sets (e.g., statistics)
needed for biomedical researchers.
Repeat rules: May be repeated for credit; may be repeated in the same
term for different topics; 5 total credits. 5 total completions.
Grading status: Letter grade.

CBPH 895. Responsible Conduct of Research (RCR). 1 Credit.
Responsible conduct of research is a classroom-based graduate level
course covering critical topics for ethical and responsible conduct of
experimental research. There are both classroom lecture, workshop-
type discussion components, in addition to assigned outside of class
readings. Topics include: mentor and mentee relationships, publication
authorship, collaboration, peer review, ethical use of human and animal
subjects, conflicts of interest, intellectual property, plagiarism, data
acquisition, and data processing.
Grading status: Letter grade.

CBPH 910. Research. 2-15 Credits.
Credit to be arranged in individual cases.
Grading status: Letter grade.

CBPH 915. Research Laboratory Apprenticeship. 2 Credits.
Enrollment in the cell biology and anatomy graduate program required.
A course for first- and second-year graduate students in cell biology and
anatomy, consisting of a research project of limited scope pursued under
the supervision of a faculty member.
Repeat rules: May be repeated for credit.
Grading status: Letter grade.

CBPH 993. Master's Research and Thesis. 3 Credits.

CBPH 994. Doctoral Research and Dissertation. 3 Credits.