

BIOCHEMISTRY & MOL BIOL-PHD MS (BI)

BI 501: Pre-entry Rotation

Credits: 3

College: Jefferson College of Life Sciences

Schedule Type: Reseach

BI 510: Medical Biochemistry

Credits: 10

College: Jefferson College of Life Sciences

Schedule Type: Lecture

BI 511: Biochemical Rotation I

Credits: 3

College: Jefferson College of Life Sciences

Schedule Type: Lab, Reseach

BI 515: BI I-Archit Bldg Blocks

Credits: 3

College: Jefferson College of Life Sciences

Schedule Type: Lecture

BI 516: Topics in Bioinformatics

Credits: 3

College: Jefferson College of Life Sciences

Schedule Type: Lecture/Lab

BI 521: Biochemical Rotation II

Credits: 3

College: Jefferson College of Life Sciences

Schedule Type: Lab, Reseach

BI 525: Genetic Information Transfer

Credits: 3

College: Jefferson College of Life Sciences

Prerequisites: GC 550B

Schedule Type: Exam, Lecture, Lecture/On-Line, On-Line

BI 531: Biochemical Rotation III

Credits: 3

College: Jefferson College of Life Sciences

Schedule Type: Lab, Reseach

BI 535: BI III-Metabolism

Credits: 3

College: Jefferson College of Life Sciences

Schedule Type: Lecture

BI 550: Topics-Medical Biochem

Credits: 3

College: Jefferson College of Life Sciences

Schedule Type: Lecture, On-Line

BI 555: Bioanalytical Techniques

Credits: 3

College: Jefferson College of Life Sciences

Schedule Type: Lecture/Lab

BI 612: AdvTop Protein Func & Dysfunct

Credits: 3

College: Jefferson College of Life Sciences

Prerequisites: GC 550

Schedule Type: Lecture, On-Line

BI 613: Adv Top/Genome Reg, Mnt & Rep

Credits: 2

College: Jefferson College of Life Sciences

Schedule Type: Lecture, Lecture/On-Line, On-Line

BI 614: Macromolecular Function

Credits: 2

College: Jefferson College of Life Sciences

Prerequisites: BI 550 or GC 550 or BI 515 or GC 550D

Schedule Type: Lecture, On-Line

BI 624: Extracell Matr Proteins

Credits: 2

College: Jefferson College of Life Sciences

Schedule Type: Lecture

BI 710: Seminar

Credits: 1

College: Jefferson College of Life Sciences

Schedule Type: On-Line, Seminar

BI 712: Master's Seminar-BCHE

Credits: 1

College: Jefferson College of Life Sciences

Schedule Type: Seminar

BI 715: Current Lit Biochem&MolPharmac

Credits: 1

College: Jefferson College of Life Sciences

Schedule Type: Lecture, On-Line, Seminar

BI 720: Seminar

Credits: 1

College: Jefferson College of Life Sciences

Schedule Type: On-Line, Seminar

BI 725: CurrentLit in BI & MPR

Credits: 1

College: Jefferson College of Life Sciences

Schedule Type: Lecture, On-Line, Seminar

BI 730: Seminar

Credits: 1

College: Jefferson College of Life Sciences

Schedule Type: On-Line, Seminar

BI 735: CurrentLit in BI & MPR

Credits: 1

College: Jefferson College of Life Sciences

Schedule Type: Lecture, On-Line, Seminar

BI 810: Laboratory Clerkship

Credits: 1-6

College: Jefferson College of Life Sciences

Schedule Type: Clinical, Independent Study

BI 820: Master's Clerkship-BI

Credits: 1-6

College: Jefferson College of Life Sciences

Schedule Type: Reseach

BI 830: Clerkship - MSBS

Credits: 1-6

College: Jefferson College of Life Sciences

Schedule Type: Clinical, Independent Study, Reseach

BI 840: Capstone Project

Credits: 3

College: Jefferson College of Life Sciences

Schedule Type: Reseach

BI 870: Research - MSBS

The traditional laboratory research-based MS thesis option requires six (6) credits of research. Students, working under the supervision of a research advisor and a thesis committee, will formulate research questions, record, and analyze the research data. Presentation of completed research will be made by students in a public forum prior to graduation. In addition to this traditional completion option of the laboratory or bench-based research path, a new Capstone Option, also requiring six (6) credits is offered which will require independent study and research integrated within a Capstone Project. The culminating Capstone Project will result in a formal scholarly work reflecting integration of the scientific knowledge and technical and management skills learned in the program through didactic course work focused in an area chosen jointly by the student and the Capstone Advisor with the approval of the Program Director. The Capstone Project will be supervised by a Capstone Project Committee. In much the same manner as a traditional laboratory research thesis, the final Capstone Project thesis document will be approved by a Capstone Committee, presented publicly and defended as would a laboratory research thesis.

Credits: 1-6

College: Jefferson College of Life Sciences

Schedule Type: Research

BI 880: Master's Research-BI

Credits: 1-6

College: Jefferson College of Life Sciences

Schedule Type: Research

BI 890: Research - MSBS

Credits: 1-6

College: Jefferson College of Life Sciences

Schedule Type: Research