

MINOR IN BIOCHEMISTRY

Department of Biochemistry and Molecular Biology
Colorado State University
(970) 491-5602

Biochemistry is the fundamental discipline upon which our understanding of all living organisms rests. As such, knowledge of biochemistry is essential for the health professions, is fundamental to all the life sciences, and is one of the frontier areas for the physical sciences and engineering. Therefore, a minor in Biochemistry is valuable to students majoring in any of the above areas. The minor requires a sound chemistry background, provides a good fundamental course in biochemistry, and builds on this with several more specialized courses at the senior level. Such courses introduce the student to current research efforts in various subdisciplines of biochemistry and to advanced aspects of specific biochemical topics. Though not a requirement of the minors program, many students are given the opportunity to participate in the research of the Department Faculty via independent study projects. Students interested in the program should contact the Departmental Office for further information.

Requirements for the Minor in Biochemistry (**Effective Fa'10**)

Lower Division Courses:

LIFE 201B	3 cr	Introductory Genetics
LIFE 203	2 cr.	Introductory Genetics Laboratory
LIFE 210	3 cr	Introductory Eukaryotic Cell Biology
LIFE 212	2 cr	Introductory Cell Biology Laboratory

Upper Division Courses:

BC 401	3 cr	Comprehensive Biochemistry I
BC 403	3 cr	Comprehensive Biochemistry II
BC 404	2 cr	Comprehensive Biochemistry Laboratory
BC 493	1 cr	Senior Seminar

Select **One** of the Following:

BC 411	4 cr	Physical Biochemistry
	--OR--	
BC 463	3 cr	Molecular Genetics
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BC 465	3 cr	Molecular Regulation of Cell Function

Total	<hr/>	22-23 crs
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