

Biomedical Sciences – BMS Directed Electives
(15 credits approved by Advisor)
Fall 2009/2010/2011

Course	Title	Cr.	Prerequisites[^]	Offered
BMS 260	<i>Intro to Biomedical Sciences</i>	3	LIFE 102; <i>Required for freshman</i>	<i>Spring</i>
BMS 325	Cellular Neurobiology	3	BMS 300 or BMS 360	Fall
BMS 330	Microscopic Anatomy	4	BMS 300 or BMS 360	Spring
BMS 345	Functional Neuroanatomy	4	BMS 300 or BMS 360	Spring
BMS 384	Supervised College Teaching	1-3	BMS 300 or BMS 360	Fall, Spring, Sum
BMS 405	Nerve and Muscle – Toxins, Trauma, and Disease	3	BMS 325 or BMS 345	Spring
BMS 420	Cardiopulmonary Physiology	3	BMS 300 or BMS 360	Fall
BMS 430	Endocrinology	3	BMS 300 or BMS 360	Fall
BMS 450	Pharmacology	3	BMS 300 or BMS 360	Spring
BMS 487*	Internship	1-3	Written consent of Department	Fall, Spring, Sum
BMS 495*	Independent Study	1-3	Written consent of Department	Fall, Spring, Sum
BMS 498*	Research	1-3	BMS 300 or BMS 360	Fall, Spring, Sum
BMS 500	Mammalian Physiology I	4	BMS 300 or BMS 360 <i>[with a B or better highly recommended]</i>	Fall
BMS 501	Mammalian Physiology II	4	BMS 300 or BMS 360 <i>[with a B or better highly recommended]</i>	Spring
BMS 531	Domestic Animal Dissection	3	BMS 305; consent of instructor	Spring
BMS 575	Human Anatomy Dissection	4	BMS 301; consent of instructor	Fall
BC 463	Molecular Genetics	3	BC 351 or BC 401 with a C or better; BZ 350 or LIFE 201B with a C or better	Fall
BC 465	Molecular Regulation of Cell Function	3	BC 351 (or BC 403 or concurrent reg.); LIFE 210	Spring
BC 467	Biochemistry of Disease	3	BC 401	Spring
BZ 220	Introduction to Evolution	3	(BZ 110 and BZ 111) or BZ 120 or LIFE 103	Fall, Spring, Sum
HES 319	Neuromuscular Aspects of Human Movement	3	BMS 300 or BMS 360; BMS 301	Fall, Spring
MIP 342	Immunology	4	MIP 300 or LIFE 210 or LIFE201B; CHEM 341/345	Fall, Spring
MIP 343	Immunology Lab	2	MIP 302; MIP 342 or concurrent reg.	Spring
MIP 351	Medical Microbiology	3	MIP 342	Spring
MIP 352	Medical Microbiology Lab	3	MIP 302; MIP 351 or concurrent reg.	Spring

* No more than 3 credits earned in BMS 487, BMS 495, and BMS 498 can be used towards BMS Directed Electives. Additional credits earned in these courses are free electives.

[^] Please refer to current CSU General Catalog and/or class schedule to confirm prerequisites and other restrictions.