



Idaho State University

Meridian Medical Arts Charter High School

AS in Health Science to BS in Biology, Integrative Organismal Biology Concentration (Pre-Vet Pathway)

Advising Note: Please work closely with Biology academic advisor and utilize summer terms at ISU where possible.

COMPLETED AT MMACHS							
SOPHOMORE				JUNIOR			
GenEd/Major	Course	Title	Cred	GenEd/Major	Course	Title	Cred
Obj 4	SPAN 1101	Elem Span I	4	Obj 2	COMM 1101	Oral Commun	3
Obj 4	SPAN 1102	Elem Span II	4	Obj 4	ENGL 1175	Literature & Ideas	3
Obj 5	CHEM 1101/L	Intro to Chem	4	Obj 5	BIOL 1101/L	Biology I	4
ASHS Major	DHS 1110	Intro to Health Prof	3	Obj 6	PSYC 1101	Intro to Psych	3
ASHS Major	CPH 2200	Promoting Wellness	3	Obj 9	SPAN 2201	Interm Span I	4
			18	ASHS Major	HCA 1115	US Health Systems	3
				ASHS Major	HCA 2210	Med Term	2
							22

SUMMER BEFORE SENIOR YEAR			
GenEd/Major	Course	Title	Cred
ASHS Major	BIOL 2227/L	Human Anat & Phys	4

***MATH 1153** needed for ASHS degree; **MATH 1143** College Algebra is a prerequisite for CHEM 1111 and many other health science majors. If MATH 1143 (or equivalent) is not completed at MMACHS, it is advised to complete during the summer term after high school graduation.

SENIOR			
GenEd/Major	Course	Title	Cred
Obj 1	ENGL 1101	Writ and Rhetoric I	3
Obj 1	ENGL 1102	Writ and Rhetoric II	3
Obj 3*	MATH 1153	Stat Reasoning	3
Obj 6	ECON 2201	Macroecon	3
Obj 7/8	FIN 1115	Personal Finance	3
ASHS Major	BIOL 1102/L	Biology II	4
ASHS Major	HO 0107	Med Law & Ethics	3
			22

COMPLETED AT IDAHO STATE UNIVERSITY									
Fall (semester one)				Spring (semester two)					
Course				Cred	Course				Cred
CHEM 1111/L General Chemistry I and Lab				5	CHEM 1112/L General Chemistry II and Lab				4
BIOL 2228/L Human Anat & Phys II and Lab				4	MATH 3350 Statistical Methods				3
BIOL 2209/L General Ecology and Lab				4	BIOL 3316 Biometry Lab				1
BIOL 1191 Wonder about Biology				1	BIOL 2206/2207 Cell Biology and Lab				4
MATH 1160 Survey of Calculus				3	BIOL 4441/L Mammalogy and Lab				4
				17					16

Fall (semester three)	
Course	Cred
CHEM 3301/3303 Organic Chemistry I and Lab	4
PHYS 1111/1113 Physics I and Lab	4
BIOL 3358 Genetics	3
BIOL 4423 General Parasitology	3
BIOL 4491/4492 Seminar	1
BIOL 3314/L Comparative Vertebrate Anatomy and Lab	4
	19

Spring (semester four)	
Course	Cred
CHEM 3302/3304 Organic Chemistry II and Lab	4
PHYS 1112/1114 Physics II and Lab	4
BIOL 4432 Biochemistry	3
BIOL 4417 Organic Evolution	3
BIOL 3303/L Principles of Animal Physiology	4
	18