



Meridian Medical Arts Charter High School - AS in Health Science to BS in Health Science with BIOL Minor (Pre-Med Pathway)

SOPHOMORE YEAR at MMACHS			
GenEd/Major	Course	Title	Cred
Obj 4	SPAN 1101	Elem Span I	4
Obj 4	SPAN 1102	Elem Span II	4
Obj 5	CHEM 1101/L	Intro to Chem	4
ASHS Major	DHS 1110	Intro to Health Prof	3
ASHS Major	CPH 2200	Promoting Wellness	3
			18

JUNIOR YEAR at MMACHS			
GenEd/Major	Course	Title	Cred
Obj 2	COMM 1101	Oral Commun	3
Obj 4	ENGL 1175	Literature & Ideas	3
Obj 5	BIOL 1101/L	Biology I	4
Obj 6	PSYC 1101	Intro to Psych	3
Obj 9/ASHS	HCA 1115	Global Health Systems	3
ASHS Major	HCA 2210	Med Term	2
			18

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

SENIOR YEAR at MMACHS			
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

***MATH 1153** needed for ASHS degree; **MATH 1143 College Algebra** is a prerequisite for CHEM 1111 planned for first semester at ISU. If MATH 1143 (or equivalent) is not completed at MMACHS, it is advised to complete during the summer term after high school graduation.

Course in green helpful for MCAT

Fall - semester one at ISU	
Course	Cred
CHEM 1111/L General Chemistry I and Lab	5
SOC 1101 Intro to Sociology	3
PHYS 1111/1113 Physics I and Lab	4
MATH 144 Trig recommended	2
	14

Spring - semester two at ISU	
Course	Cred
CHEM 1112/L General Chemistry II and Lab	4
BIOL 2206/2207 Cell Biology and Lab	4
PHYS 1112/1114 Physics II and Lab	4
MATH 170 recommended	4
	16

Fall - semester three at ISU	
Course	Cred
CHEM 3301/3303 Organic Chemistry I and Lab	4
BIOL 3301/L Advanced Human Anat & Phys I and Lab	4
BIOL 3358 Genetics	3
1-credit elective to reach full-time	1
	12

Spring - semester four at ISU	
Course	Cred
CHEM 3302/3304 Organic Chemistry II and Lab	4
BIOL 3302/L Advanced Human Anat & Phys II and Lab	4
BIOL 4432 Biochemistry	3
1-credit elective to reach full-time	1
	12

Take MCAT and Apply to Medical Schools in April/May

Fall - semester five at ISU	
Course	Cred
*BIOL 2233/L Principles of Microbiology and Lab	4
NTD 3340 Nutrition for Health Professionals	3
DHS 4426 Evidence Based Research in Health Sci	3
BIOL 2209/L General Ecology (BIOL Minor)	4
*Prerequisite for BIOL 4451	14

Spring - semester six at ISU	
Course	Cred
BIOL 4417 Organic Evolution (BIOL Minor)	3
Communication Competency (Upper Division-UD)	3
*PYSC 3301 Psychopathology or BIOL 4451 Immunology	3
Cultural Competency	3
*Recommended upper-division electives	12