

Major Academic Plan for B.S. in Health Science, Health Science Concentration

A Major Academic Plan (MAP) illustrates one way to complete a degree in a recommended number of semesters. Below is an example of an efficient and recommended plan, but actual plans will vary by individual student needs. Program requirements are based on Catalog Year.

Course Subject and Title	Credits	Min	*Progr	**Whe	Prerequisite	Co Requisite
		Grade	Elemer	Offerec		
First Semester						
GE Objective 1: ENGL 1101	3	C-	GE	F, S, Su	Appropriate placement score	
GE Objective 4	3		GE			
GE Objective 4	3		GE			
GE Objective 5: BIOL 1101 & BIOL 1101L	4		GE	F, S, Su		
HE 2200 Promoting Wellness	3			F, S, Su		
Semester Total	16					
Second Semester						
GE Objective 1: ENGL 1102	3	C-	GE	F, S, Su	ENGL 1101 or equivalent	
GE Objective 3: MATH 1153 or MGT 2216	3	C	GE	F, S	MATH 1108 or appropriate placement score	
GE Objective 6: SOC 1101	3	C	GE			
Health Care Core: HCA 1115	3	C		F, S, Su		
HCA 2210 Medical Terminology and Communication or HO 0106 Medical Terminology	2			F, S		
Semester Total	14					
Third Semester						
GE Objective 2: COMM 1101	3		GE	F, S, Su		

BIOL 3301 & 3301L Advanced Human Anatomy and Physiology 1 and Advanced Human Anatomy and Physiology 1 Lab	4	C	UM	F, S	BIOL 1101	BIOL 3301L.
CHEM 1101 Introduction to Chemistry	3	C		F, S	MATH 1108	
or						
CHEM 1111 & 1111L General Chemistry I and General Chemistry I Lab		C		F, S, Su	MATH 1143 or MATH 1147	
Professional Competencies Core: select one from list ***	3	C		F, S		
Free Electives ****	2					
Semester Total	15					
Fourth Semester						
GE Objective 6: PSYC 1101	3	C	GE	F, S, Su		
BIOL 3302 & 3302L Advanced Human Anatomy and Physiology 2 and Advanced Human Anatomy and Physiology 2 Lab	4	C	UM	F, S	BIOL 1101	BIOL 3302L.
CHEM 1102 & CHEM 1103 Essentials of Organic and Biochemistry and Essentials of Organic and Biochemistry Laboratory	4	C		F, S	CHEM 1101	
or						

CHEM 1112 & 112L General Chemistry II and General Chemistry II Lab		C		F, S, Su	CHEM 1111, and MATH 1143 or MATH 1147	
Communication Core: CMP 3308	3	C	UM	F		
Diversity Competency	3	C	UM			
or						
Upper Division Free Elective		C	UU			
Semester Total	17					
Fifth Semester						
GE Objective 5: PHYS 1100	4	C	GE	F, S	MATH 1108	
or						
PHYS 1101 & 1101L Elements of Physics and Elements of Physics Laboratory		C	GE	F, S	Permission of COT	
or						
PHYS 1111 & PHYS 1113 General Physics I and General Physics I Laboratory		C	GE	F	MATH 1143 or MATH 1147	
BIOL 2235 & 2235L General Microbiology and General Microbiology Lab	4	C		F, S	BIOL 1101, BIOL 1102, & CHEM 1112	BIOL 2235L.
or						
BIOL 2221 & 2221L Introductory Microbiology and Introductory Microbiology Laboratory		C		F, S	BIOL 1101, and CHEM 1101 or CHEM 1111/L	BIOL 2221L. F, S, Su.
or						
BIOL 2206 & BIOL 2207 Cell Biology and Cell Biology Laboratory		C		F, S	BIOL 1101, BIOL 1102, CHEM 1111, and CHEM 1111L.	

HCA 1110 Introduction to the Allied Health Professions	3			F, S		
NTD 2239 Nutrition	3			F, S	CHEM 1101 & CHEM 1102	
or						
NTD 3340 Nutrition for Health Professionals		C	UM	F, S	BIOL 3301 or BIOL 3302 or HO 0111	
Semester Total	14					
Sixth Semester						
GE Objective 7 or 8	3		GE			
GE Objective 9	3		GE			
Additional Upper Division courses selected from Communication, Diversity, Health Care, and Professional Core lists****	6	C	UM	F, S		
Free Electives	2					
Semester Total	14					
Seventh Semester						
DHS 4426 Evidence Based Research in Health Sciences	3	C	UM	F, S	MATH 1153 or equivalent	
Additional courses selected from Communication, Diversity, Health Care, and Professional Core lists****	6	C				
Upper Division Free Electives	6	C	UU			
Semester Total	15					
Eighth Semester						
Upper Division Free Electives	7		UU			
Free Electives	8					
Semester Total	15					
Total	120					

* GE = General Education Objective, UU = Upper Division University, UM = Upper Division Major

** See Course Scheduling section of the Course Policies (<http://coursecat.isu.edu/undergraduate/academicinformation/coursepolicies>) page in the Undergraduate Catalog.

*** Lists of Core Competencies can be viewed on the B.S. in Health Science (<http://coursecat.isu.edu/undergraduate/divisionhealth/bachelorofscienceinhealthscience/#programstext>) page in the Undergraduate Catalog.

***The number of Free Elective credits varies depending upon which chemistry course is selected by the student. For example, if CHEM 1111/CHEM 1111L is selected, no Free Elective credits are necessary in this semester.

MAP Credit Summary

Code	Title	Credits
Major		54-59
General Education		38
Free Electives to reach 120 credits		23-28
TOTAL		120