University of Dubuque

2022-2023 Catalog

Biology - Health Professions Emphasis

*Information subject to change

First Year

FALL			SPRING		
COURSE #	**COURSE TITLE**	**HRS**	**COURSE #**	**COURSE TITLE**	**HRS**
WVS 101	World View Seminar I	3	WVS 201	World View Seminar II	3
BIO 135	General Zoology	4	BIO 140	Evolution	3
BIO 195	DNAS Intro. Seminar	1	CHM 112	General Chemistry II	4
MATH 112	College Algebra (or by placement)	3	BIO 235	Cell Biology	4
CHM 111	General Chemistry I	4		Gen. Ed.	3
	FALL TOTAL	**15**		**SPRING TOTAL**	**17**
	CUMULATIVE TOTAL	**15**		**CUMULATIVE TOTAL**	**32**

Second Year

FALL			SPRING		
COURSE #	**COURSE TITLE**	**HRS**	**COURSE #**	**COURSE TITLE**	**HRS**
BIO 136	General Botany	4	BIO 236	Genetics	4
MATH 230	Intro. to Statistics	3	BIO 295	DNAS Professional Prep. Seminar	1
	Gen. Ed.	3		Gen. Ed.	3
	Gen. Ed.	3		Gen. Ed.	3
	Gen. Ed.	3		Gen. Ed.	3
				Gen. Ed.	3
	FALL TOTAL	**16**		**SPRING TOTAL**	**17**
	CUMULATIVE TOTAL	**48**		**CUMULATIVE TOTAL**	**65**

Third Year

FALL			SPRING		
COURSE #	**COURSE TITLE**	**HRS**	**COURSE #**	**COURSE TITLE**	**HRS**
CHM 221	Organic Chemistry I	4	EVS 246/EVS 105	Ecology (unless already took EVS 105)	4
EVS 105/EVS 246	Intro. to Env. Science	4	MATH 150	Precalculus	4
PHY 151	General Physics I	4		HP Emphasis	4
	Gen. Ed.	3		Gen. Ed.	3
	FALL TOTAL	**15**		**SPRING TOTAL**	**15**
	CUMULATIVE TOTAL	**80**		**CUMULATIVE TOTAL**	**95**

Fourth Year

FALL			SPRING		
COURSE #	**COURSE TITLE**	**HRS**	**COURSE #**	**COURSE TITLE**	**HRS**
BIO 495	DNAS Senior Seminar	1		Biology Emphasis	4
	HP Emphasis	8		Electives	6
	Gen. Ed.	3		Gen. Ed.	3
	*may need course for prof. school prereq.			*may need course for prof. school prereq.	
	FALL TOTAL	**12**		**SPRING TOTAL**	**13**
	CUMULATIVE TOTAL	**107**		**CUMULATIVE TOTAL**	**120**

General Education Requirements to be taken when "Gen. Ed." is listed (12 courses): COM 101, ENG 101, ENG/RES 104, Env. Stewardship, Social Development, Intercultural Engagement, Literature, Fine & Performing Arts, Judeo Christian Traditions, Hist./Phil./Politics, Physical Wellness (2 cr. + 1 cr.), Personal/Fin. Stewardship

Suggestions:

*Health Professions Emphasis: (16 credits required)

*Must earn a "C" or better in MATH 112, CHM 111, CHM 112, CHM 221

*ENG 328 recommended as Literature Gen. Ed.

*It is recommended that you take ENG 101, COM 101, & ENG/RES 104 within your first 4 semesters