

Minor in Biomedical Research

Biomedical Research is a multidisciplinary minor that includes areas of study across STEM (Science, Technology, Engineering and Mathematics). The field of Biomedical Research is an act of discovery that gives the researcher an appreciation for how life works and the knowledge to improve health and reduce disease burden.

Contact

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Code	Title	Semester Hours
Requirements for minor:		
ST 1110	Introduction to Biomedical Research	1
ST 3110	Biomedical Workshops	1
ST 3120	Mentored Manuscript Writing	1
BL 3125	Seminars in Biological Science	1
BL 3130	Scientific Methodology & Analysis	1
ST 3230	Research in Biomedical Sciences	2
or ST 4230	Research in Biomed Sciences	
Select 11 hours of the following:		11
BIO 3410	Biostatistics for Life Science	
BL 3125 Seminars in Biological Science		
BL3xxx/4xxx Choose from approved CURE/Inquiry courses (e.g. BL 3440, BL 3464)		
CH3xxx/4xxx Choose from approved CURE/Inquiry courses (e.g. CH 3423, CH 4350/CH 4150)		
CH 4125	Chemical Research	
or CH 4225	Chemical Research	
or CH 4325	Chemical Research	
CS 3300	Introduction to Programming for Data Analytics (in Python)	
EG 1213	C Programming for Engineering	
EG 1113	C Programming for Engineering Lab	
EG 1294	Python Programming for Eng	
EG 1194	Python Programming for EG Lab	
ES 2345	Experimental Design	
ES 3310	Scientific and Technical Writing	
ES3xxx/4xxx Choose from approved CURE/Inquiry courses (e.g. ES 3340, ES 4400))		
PS3xxx/4xxx Choose from approved CURE/Inquiry courses (e.g. PS 3383, 4163)		
PY3xxx/4xxx Choose from approved CURE/Inquiry courses		
ST 3140	U-RISE Training in Biomedical Research	
ST 3130	Research in Biomedical Sciences	
or ST 3330	Research in Biomedical Sciences	
or ST 3430	Research in Biomedical Sci	
ST 4130	Research in Biomed Sciences	
or ST 4230	Research in Biomed Sciences	
or ST 4330	Research in Biomedical Sciences	
Other Requirements:		
CITI Training Module: Responsible Conduct of Research		
Minimum of 2 semesters/summers participating in same mentored research project		
Publication quality product: research thesis or manuscript including pre-prints, micropublications, or undergraduate research journal (that may or may not be published)		
Public poster presentation of mentored research at event approved by research mentor		
Strongly recommended: weekly attendance at research seminar		

Total Semester Hours

18