

PRE-MEDICAL TRACK

(Recommended for careers in medicine, osteopathic medicine, dentistry, veterinary medicine, optometry, podiatry, or chiropractic medicine as well as a career as a physician assistant.)

Code	Title	Credits
BIO 120 & BIO 120D	Introduction to Molecular and Cellular Biology and Introduction to Molecular and Cellular Biology Lab	4
OR		
BIO 124 & BIO 124D	Integrative Biology: Genes, Cells, Change and Integrative Biology: Genes, Cells, Change Lab	
BIO 122 & BIO 122D	Introduction to Organismic Biology and Introduction to Organismic Biology Lab ¹	4
OR		
BIO 128 & BIO 128D	Integrative Biology: Metabolism, Energy, Biodiversity and Integrative Biology: Metabolism, Energy, Biodiversity Lab	
CHE 113 & CHE 113D & CHE 214 & CHE 215	General Chemistry I and General Chemistry I Lab and General Chemistry II and General Chemistry II Lab ¹	8
CHE 224 & CHE 225 & CHE 226 & CHE 227	Organic Chemistry I and Organic Chemistry I Lab and Organic Chemistry II and Organic Chemistry II Lab	8
Choose one of the following sequences:		4-8
CHE 304 & CHE 397	Essentials of Biochemistry and Biochemistry II Lab ⁴	
CHE 388 & CHE 389 & CHE 396 & CHE 397	Biochemistry I and Biochemistry I Lab and Biochemistry II and Biochemistry II Lab	
Choose one of the following sequences:		8
PHY 202 & PHY 202D & PHY 206 & PHY 207	Introductory Physics I and Introductory Physics I Lab and Introductory Physics II and Introductory Physics II Lab ¹	
PHY 292 & PHY 292D & PHY 296 & PHY 297	General Physics I and General Physics I Lab and General Physics II and General Physics II Lab ^{2,3}	
Total Credits		36-40

¹ MAT 123M, MAT 124M, or solid understanding and competency in high school mathematics as demonstrated by at least one of the following: a Math ACT score of at least 23, 519 on the Math portion of the SAT, a Math Placement Test score of at least 3 are prerequisites for PHY 202/PHY 202D.

² MAT 124M is a prerequisite for PHY 292/PHY 292D.

³ MAT 125 is a prerequisite for PHY 296/PHY 297.

⁴ Students requiring CHE 397 for a program will require an override to take this course concurrently with CHE 304.

Pre-Medical Track 2

Additional courses in biological sciences, composition, literature, mathematics, and social and behavioral sciences may be required by specific professional schools.