

PREMEDICINE, B.S.

Begin Campus: Any Penn State Campus

End Campus: University Park

Suggested Academic Plan

The suggested academic plan(s) listed on this page are the plan(s) that are in effect during the 2024-25 academic year. To access previous years' suggested academic plans, please visit the archive (<https://bulletins.psu.edu/undergraduate/archive/>) to view the appropriate Undergraduate Bulletin edition.

Premedicine, B.S. at University Park Campus

The course series listed below provides **only one** of the many possible ways to move through this curriculum. The University may make changes in policies, procedures, educational offerings, and requirements at any time. This plan should be used in conjunction with your degree audit (accessible in LionPATH as either an **Academic Requirements** or **What If** report). Please consult with a Penn State academic adviser on a regular basis to develop and refine an academic plan that is appropriate for you.

First Year

Fall	Credits	Spring	Credits
BIOL 110 (GN) ^{**†}	4	BIOL 230W ^{*#}	4
CHEM 110 (GN) ^{**†}	3	CHEM 112 (GN) ^{**†}	3
CHEM 111 (GN) ^{**†}	1	CHEM 113 (GN) ^{**†}	1
ENGL 15, 30H, or ESL 15 (GWS) [‡]	3	MATH 141B or 141 (GQ) ^{*†#†}	4
MATH 140B or 140 (GQ) ^{*†#†}	4	PSYCH 100 (GS) [†]	3
PSU 16	1		
	16		15

Second Year

Fall	Credits	Spring	Credits
CHEM 210 ^{*#}	3	BIOL 240W	4
HPA 101	3	CHEM 212 [*]	3
PHYS 211 or 250 [*]	4	PHYS 212 or 251 [*]	4
SOC 1 (GS) [†]	3	General Education Course	3
STAT 250 (Consult with an adviser for alternative options)	3	Healthcare Internship	1
	16		15

Third Year

Fall	Credits	Spring	Credits
BMB 401 [*]	3	BIOL 472 (Consult with an adviser for alternative options) [*]	3
CHEM 213W [*]	2	BIOL 473 (Consult with an adviser for alternative options) [*]	2
PHIL/BIOET 432 (Consult with an adviser for alternative options)	3	BMB 402 (Consult with an adviser for alternative options) [*]	3
PHYS 213 (or Supporting Course) [*]	2	NUTR 251 (GHW) ^{*†}	3

PHYS 214 (or Supporting Course) [*]	2	ENGL 202C, 202A, 202B, or 202D (GWS) [‡]	3
General Education Course	3		
	15		14

Fourth Year

Fall	Credits	Spring	Credits
CAS 100A, 100B, or 100C (GWS) [‡]	3	400-Level Supporting Course (Area of Concentration)	3
400-Level Supporting Course (Area of Concentration)	3	Supporting Course (Area of Concentration)	3
Supporting Course (Area of Concentration)	3	Supporting Course (Consult with adviser for options)	3
Supporting Course (Consult with adviser for options)	3	Supporting Course (Consult with adviser for options)	2
General Education Course	3	General Education Course	3
	15		14

Total Credits 120

* Course requires a grade of C or better for the major

‡ Course requires a grade of C or better for General Education

Course is an Entrance to Major requirement

† Course satisfies General Education and degree requirement

University Requirements and General Education Notes:

US and IL are abbreviations used to designate courses that satisfy Cultural Diversity Requirements (United States and International Cultures).

W, M, X, and Y are the suffixes at the end of a course number used to designate courses that satisfy University Writing Across the Curriculum requirement.

General Education includes Foundations (GWS and GQ), Knowledge Domains (GHW, GN, GA, GH, GS) and Integrative Studies (Inter-domain) requirements. N or Q (Honors) is the suffix at the end of a course number used to help identify an Inter-domain course, but the inter-domain attribute is used to fill audit requirements. Foundations courses (GWS and GQ) require a grade of 'C' or better.

All incoming Schreyer Honors College first-year students at University Park will take ENGL 137H/CAS 137H in the fall semester and ENGL 138T/CAS 138T in the spring semester. These courses carry the GWS designation and satisfy a portion of that General Education requirement. If the student's program prescribes GWS these courses will replace both ENGL 15/ENGL 30H and CAS 100A/CAS 100B/CAS 100C. Each course is 3 credits.

Premedicine, B.S. for 2+2 students starting at a Commonwealth Campus

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First Year

Fall	Credits Spring	Credits
BIOL 110 (GN) ^{**†}	4 CHEM 112 (GN) ^{**†}	3
CHEM 110 (GN) ^{**†}	3 CHEM 113 (GN) ^{**†}	1
CHEM 111 (GN) ^{**†}	1 MATH 141B or 141 (GQ) ^{†##†}	4
ENGL 15, 30H, or ESL 15 (GWS) [‡]	3 PSYCH 100 (GS) [†]	3
MATH 140B or 140 (GQ) ^{†##†}	4 PHYS 211 or 250 [*]	4
PSU 16	1	
	16	15

Second Year

Fall	Credits Spring	Credits
BIOL 230W ^{*#}	4 BIOL 240W	4
CHEM 210 ^{*#}	3 CHEM 212 [*]	3
PHYS 212 or 251 [*]	4 CHEM 213W [*]	2
SOC 1 (GS) [†]	3 PHYS 213 (or Supporting Course) [*]	2
	PHYS 214 (or Supporting Course) [*]	2
	General Education Course	3
	14	16

Third Year

Fall	Credits Spring	Credits
BMB 401 [*]	3 BIOL 472 (Consult with an adviser for alternative options) [*]	3
PHIL/BIOET 432 (Consult with an adviser for alternative options)	3 BIOL 473 (Consult with an adviser for alternative options) [*]	2
STAT 250 (Consult with an adviser for alternative options)	3 BMB 402 (Consult with an adviser for alternative options) [*]	3
Supporting Course (Area of Concentration)	3 NUTR 251 (GHW) ^{**†}	3
Supporting Course (Consult with an adviser for options)	3 ENGL 202C, 202A, 202B, or 202D (GWS) [‡]	3
	Healthcare Internship	1
	15	15

Fourth Year

Fall	Credits Spring	Credits
CAS 100A, 100B, or 100C (GWS) [‡]	3 400-Level Supporting Course (Area of Concentration)	3
HPA 101	3 Supporting Course (Area of Concentration)	3

400-Level Supporting Course (Area of Concentration)	3 Supporting Course (Consult with an adviser for options)	3
General Education Course	3 Supporting Course (Consult with an adviser for options)	2
General Education Course	3 General Education Course	3
	15	14

Total Credits 120

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ALEKS Placement into MATH 22: Premedicine, B.S. at University Park Campus

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First Year

Fall	Credits Spring	Credits
BIOL 110 (GN) ^{**†}	4 BIOL 230W ^{*#}	4
SOC 1 (GS) [†]	3 STAT 200 (Consult with an adviser for alternative options)	4
ENGL 15, 30H, or ESL 15 (GWS) [‡]	3 MATH 26	3
MATH 22 [*]	3 PSYCH 100 (GS) [†]	3
PSU 16	1 Healthcare Internship	1
	14	15

Second Year

Fall	Credits Spring	Credits
CHEM 110 (GN) ^{**†}	3 BIOL 240W	4
CHEM 111 (GN) ^{**†}	1 CHEM 112 (GN) ^{**†}	3
HPA 101	3 CHEM 113 (GN) ^{**†}	1
MATH 140B or 140 (GQ) ^{*†#†}	4 MATH 141B or 141 (GQ) ^{*†#†}	4
Supporting Course (Area of Concentration)	3 General Education Course	3
General Education Course	3	
	17	15

Third Year

Fall	Credits Spring	Credits
CHEM 210 ^{*#}	3 BIOL 472 (Consult with an adviser for alternative options) [*]	3
PHYS 211 or 250 [*]	4 BIOL 473 (Consult with an adviser for alternative options) [*]	2
PHIL/BIOET 432 (Consult with an adviser for alternative options)	3 CHEM 212 [*]	3
NUTR 251 (GHW) ^{*†}	3 PHYS 212 or 251 [*]	4
ENGL 202C, 202A, 202B, or 202D (GWS) [‡]	3 General Education Course	3
	16	15

Fourth Year

Fall	Credits Spring	Credits
CAS 100A, 100B, or 100C (GWS) [‡]	3 BMB 402 (Consult with an adviser for alternative options) [*]	3
BMB 401 (Consult with an adviser for alternative options) [*]	3 CHEM 213W [*]	2
PHYS 213 (or Supporting Course) [*]	2 General Education Course	3

PHYS 214 (or Supporting Course) [*]	2 Supporting Course (Area of Concentration)	3
400-Level Supporting Course (Area of Concentration)	3 400-Level Supporting Course (Area of Concentration)	3
Healthcare Internship	1	
	14	14

Total Credits 120

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