



PRESBYTERIAN COLLEGE

Traditional Pre-Pharmacy Program – Required Pre-Pharmacy Coursework

Prerequisite Course		Equivalent Course(s) at Presbyterian College	
General Biology I with lab	4	BIOL 1150-1150L Biological Concepts (with lab)	4
General Biology II with lab	4	BIOL 1151-1151L Organismal Biology (with lab)	4
Human Anatomy	3	BIOL 3030 Human Anatomy and Embryology or BIOL 3020 Comparative Anatomy or PHRM 5000 Anatomy and Physiology I*	3 or 4
Human Physiology	3	BIOL 3110 Physiology or PHRM 5010 Anatomy and Physiology II*	3
Microbiology (with lab)	4	BIOL 3060 Microbiology (with lab)	4
General Chemistry I with lab	4	CHEM 101-101L General Chemistry I (with lab)	4
General Chemistry II with lab	4	CHEM 102-102L General Chemistry II (with lab)	4
Organic Chemistry I with lab	4	CHEM 221-221L Organic Chemistry I (with lab)	4
Organic Chemistry II with lab	4	CHEM 222-222L Organic Chemistry II (with lab)	4
Physics	3	PHYS 1500 General Physics	4
Calculus	3	MATH 199 Applied Calculus or MATH 201 Calculus I	3
Statistics	3	MATH 120 Introductory Statistics, MATH 210 Data Analysis/Statistical Computing, or any STAT	3 or 4
Public Speaking	3	SPCH 201 Public Speaking	3
Economics	3	ECON 201 Principles of Macroeconomics or ECON 202 Principles of Microeconomics	3
English	6	any ENGL	6
History or Political Science	3	any HIST or PLSC	3
Psychology or Sociology	3	any PSYC or SOC	3
Ethics, Religion, or Philosophy	3	any RELG or PHIL acceptable, but recommend RELG 101 Old Testament Survey or RELG 110 New Testament Survey	

*PHRM 3100/3110 are offered during the summer term; registration is limited to students accepted to the PharmD program.



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TRADITIONAL PRE-PHARMACY PROGRAM

Suggested Course Schedule for Completion of Pre-Pharmacy Coursework in 2 Years

Freshman Year			
Fall		Spring	
BIOL 1150-1150L Biological Concepts	4	BIOL 1151-1151L Organismal Biology	4
CHEM 101-101L General Chemistry I ^F	4	CHEM 102-102L General Chemistry II ^S	4
ENGL 1001 Introduction to Composition	3	ENGL 1002 Introduction to Literature	3
PHYS 1500 General Physics ^F	4	MATH 199 Applied Calculus or MATH 201 Calculus I	3
COLS 1000 First-Year Exploration ^F	1	any HIST or PLSC	3
	16		17
Sophomore Year			
Fall		Spring	
CHEM 221-221L Organic Chemistry I ^F	4	CHEM 222-222L Organic Chemistry II ^S	4
BIOL 3030-3030L Human Anatomy and Embryology ^F or BIOL 3020 Comparative Anatomy ^F	4	BIOL 3060 Microbiology ^S	4
MATH 120 Introductory Statistics, MATH 210 Data Analysis/Statistical Computing, STAT 319 Business Statistics, or STAT 320 Research Statistics ^D	3 or 4	BIOL 3110-3110L Physiology	4
ECON 201 Principles of Macroeconomics ^F	3	RELG 101 Old Testament Survey or RELG 110 New Testament Survey	3
SPCH 201 Public Speaking	3	Any PSYC or SOC	3
COLS 2200 Sophomore-Year Exploration	1		
	18-19		18

Notes:

^F Course is offered only during the fall semester. Course *may* be offered during the summer sessions. First –Year Exploration is *not* offered during summer sessions.

^S Course is offered only during the spring semester. Course *may* be offered during the summer sessions.

^D Course is offered based on student demand.



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TRADITIONAL PRE-PHARMACY PROGRAM

Suggested Course Schedule for Completion of Pre-Pharmacy Coursework in 2 + Years

Freshman Year			
Fall		Spring	
BIOL 1150-1150L Biological Concepts	4	BIOL 1151-1151L Organismal Biology	4
CHEM 101-101L General Chemistry I ^F	4	CHEM 102-102L General Chemistry II ^S	4
ENGL 1001 Introduction to Composition	3	ENGL 1002 Introduction to Literature	3
COLS 1000 First-Year Exploration ^F	1	MATH 199 Applied Calculus or MATH 201 Calculus I	3
any HIST or PLSC	3	any PSYC or SOC	3
	15		17
Sophomore Year			
Fall		Spring	
CHEM 221-221L Organic Chemistry I ^F	4	CHEM 222-222L Organic Chemistry II ^S	4
MATH 120 Introductory Statistics, MATH 210 Data Analysis/Statistical Computing, STAT 319 Business Statistics, or STAT 320 Research Statistics ^D	3 or 4	BIOL 3060 Microbiology ^S	4
ECON 201 Principles of Macroeconomics ^F	3	Any RELG or PHIL	3
SPCH 201 Public Speaking	3	Elective	3
Elective	3		
COLS 2200 Sophomore-Year Exploration	1		
	17-18		14
Summer		Summer	
PHRM 5000 Anatomy and Physiology I ^A	3	PHRM 5010 Anatomy and Physiology II ^A	3
	3		3

Notes:

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^S Course is offered only during the spring semester. Course *may* be offered during the summer sessions.

^D Course is offered based on student demand.

^A Course is offered *only* during summer term; registration is limited to students accepted to the PharmD program.



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TRADITIONAL PRE-PHARMACY PROGRAM

Suggested Course Schedule for Completion of Pre-Pharmacy Coursework in 3 Years

Freshman Year			
Fall		Spring	
BIOL 1150-1150L Biological Concepts	4	BIOL 1151-1151L Organismal Biology	4
CHEM 101-101L General Chemistry I ^F	4	CHEM 102-102L General Chemistry II ^S	4
ENGL 1001 Introduction to Composition	3	ENGL 1002 Introduction to Literature	3
RELG 101 Old Testament Survey	3	RELG 110 New Testament Survey	3
COLS 1000 First-Year Exploration ^F	1	PE requirement*	1
	15		15
Sophomore Year			
Fall		Spring	
CHEM 221-221L Organic Chemistry I ^F	4	CHEM 222-222L Organic Chemistry II ^S	4
PHYS 1500 General Physics ^F	4	MATH 199 Applied Calculus or MATH 201 Calculus I	3
HIST 1100 Rise of World Cultures and ideas	3	HIST 1101 The Modern World	3
PSYC 201 Introductory Psychology or SOC 201 Introductory Sociology	3	Intercultural Experience requirement	3
Foreign Language 102/151	4	Foreign Language 201	3
COLS 2200 Sophomore-Year Exploration	1		
	19		16
Junior Year			
Fall		Spring	
BIOL 3030-3030L Human Anatomy and Embryology ^F or BIOL 3020 Comparative Anatomy ^F	4	BIOL 3060 Microbiology ^S	4
ECON 201 Principles of Macroeconomics ^F or ECON 202 Principles of Microeconomics	3	MATH 120 Introductory Statistics, MATH 210 Data Analysis and Statistical Computing, STAT 319 Business Statistics, or STAT 320 Research Statistics ^D	3 or 4
SPCH 201 Public Speaking	3	BIOL 3110-3110L Physiology	4
Electives	6	Research or Internship (experiential requirement)	1
		Fine Arts requirement	3
	16		15-16

Notes:

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^S Course is offered only during the spring semester. Course *may* be offered during the summer sessions.

^D Course is offered based on student demand.

^A Course is offered *only* during summer term; registration is limited to students accepted to the PharmD program.

*Students must complete at least 2 hours of PHED courses (PHED 1001 and a one-hour activity course.)



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