



# Majors & Pre-Health

Health Professions Advising  
2016-17

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# Keep in Mind...

- This resource has been created to help you visualize how courses required for different concentrations interact with the premed/pre-health requirements and overall graduation timeline.
- In addition to looking through these charts, we strongly encourage you to talk with departmental representatives, faculty advisers, peer academic advisers, HPA, and any other resources / mentors who may be able to provide personalized perspective.

# Keep in Mind...

- The sample schedules here each represent one of many ways to complete requirements for each concentration. Work with faculty in your department of interest to create a plan that fits your needs.
- The highlighted courses have been drawn from courses popular with past Princeton premeds, but they do not imply that HPA recommends/requires that you take these courses. Take the electives that best fit your interests and academic goals.
  - HPA recommends 1-2 additional MOL/EEB courses for non-science concentrators.
- The pre-requisites listed here represent the courses most common to medical school admission requirements. Double check schools of interest for their specific requirements.



**HARVARD**  
MEDICAL SCHOOL

*“Demonstrate aptitude in the biological and physical sciences during their undergraduate years, but not to the exclusion of the humanities and social sciences. A study at Harvard Medical School has shown that students are successful in their medical studies regardless of undergraduate concentration, providing that they have had adequate science preparation. Students are urged to strive for a balanced and liberal education rather than specialized training. No preference is given to applicants who have majored in the sciences over those who have majored in the humanities.”*

**Yale SCHOOL OF MEDICINE**


*“The Admissions Committee has no preference as to a major field for undergraduate study and leaves this decision to students with the advice that they advance beyond the elementary level in the field of their choice rather than pursue an undirected program. A liberal education is the supporting structure for graduate study, and must encompass understanding of the humanities, arts, and society as well as the scientific foundations of technology and civilization. The student of medicine enters a profession closely allied to the natural sciences and must be prepared to cope with chemistry and biology at a graduate level.”*

# Prerequisites at Popular Schools

	Gen Chem	Organic Chem	Biochem	Biology	Physics	Math	Other
<u>Columbia</u>	2 years including 2 semesters Organic Chemistry			2 sem w/lab	2 sem w/lab		1 year of English
<u>Mt. Sinai</u>	2 sem	1 sem	1 sem	2 sem	2 sem or AP	2 sem or AP	1 year of English Rec stats, social science, Spanish/Mandarin
<u>NYU</u>	★	★	★	★	★		Rec. English, Genetics
<u>Cornell</u>	2 years, recommend 2 semesters Organic			2 sem w/lab	2 sem w/lab	Calc & Stats	1 year writing-intensive courses
<u>Einstein</u>	Focus on competencies rather than specific courses						
<u>Jefferson</u>	Focus on competencies rather than specific courses						
<u>Penn</u>	Focus on competencies rather than specific courses						
<u>Rutgers RWJ</u>	2 sem w/lab	1 org w/lab + 1 bchm or 2 org w/lab		2 sem w/lab	2 sem w/lab	2 sem	1 year of English Rec stats
<u>Rutgers NJMS</u>	2 sem w/lab	2 sem w/lab	★	2 sem w/lab	2 sem w/lab	★	1 year of English Rec. Genetics
<u>Cooper (NJ)</u>	2 sem w/lab		★	2 sem w/lab	★	Stats	1 sem of English Rec. humanities, social science, ethics, Spanish

yellow = recommended / green = required

# Prerequisites at Popular Schools

	Gen Chem	Organic Chem	Biochem	Biology	Physics	Math	Other
<u>UCSF</u>	2 sem w/lab	2 sem		2 sem w/lab	2 sem w/lab		Rec English, humanities, advanced Biology
<u>Stanford</u>	Focus on competencies rather than specific courses						
<u>Harvard</u>	2 year sequence that covers general, organic and biochem			2 sem	2 sem	Calc & Stats	Lab experience within or outside of science courses; 1 year expository writing
<u>BU</u>	4-5 sem sequence that covers general, organic and biochem			2 sem w/lab	2 sem w/lab		1 year English/Literature; 1 year humanities
<u>Yale</u>	2 sem w/lab	1 sem w/lab	1 sem	2 sem w/lab	2 sem w/lab		
<u>Brown</u>	2 sem	1 sem	1 sem	2 sem (rec lab)	2 sem w/lab	1 sem	
<u>Johns Hopkins</u>	2 sem w/lab	1 sem w/lab	1 sem	2 sem w/lab	2 sem w/lab	2 sem	6 courses in social sciences and humanities. Rec Genetics
<u>Baylor</u>		2 sem w/lab	1 sem	1 sem adv bio		1 sem	1 sem English, 3 courses in social sciences/humanities
<u>UT Southwestern</u>	1 sem w/lab	2 sem w/lab	1 sem	4 sem (2 w/lab)	2 sem w/lab	1 sem	1 year English

# Prerequisites at Popular Schools

	Gen Chem	Organic Chem	Biochem	Biology	Physics	Math	Other
<u>U Chicago</u>	Focus on competencies rather than specific courses						
<u>Northwestern</u>	2 sem w/lab	2 sem w/lab	★	2 sem w/lab	2 sem w/lab	Rec Stats	Rec English
<u>Case 4 year</u>	2 sem w/lab	1 sem w/lab	1 sem	★	★	★	1 sem writing/English
<u>Case 5 year</u>	2 sem w/lab	1 sem w/lab	1 sem	★	★	★	1 sem English, significant research
<u>U Michigan</u>	Focus on competencies rather than specific courses						
<u>U VA</u>	No specific pre-reqs: recommend cell bio, biochem, human behavior, statistics						
<u>Emory</u>	2 sem w/lab	2 sem w/lab	2 sem w/lab		2 sem w/lab		1 year of English 5 courses humanities/ social sciences
<u>Vanderbilt</u>	Focus on competencies rather than specific courses						
<u>U Miami</u>	2 sem w/lab	1 sem w/lab	1 sem	2 sem w/lab	2 sem w/lab		1 year of English 2 sems behavioral sci

For additional schools: <http://www.princeton.edu/hpa/applicants/selecting-schools/pre-requisite-web-links>

# University Requirements & Pre-Health

Pre-Health Requirements	AB Gen Ed Requirements	BSE Gen Ed Requirements
MOL 214 + EEB 211	STL	STL
CHM 201 + 202	STL	STL
CHM 303 + 304	STL	STL
MOL 345	STN	STN
PHY 101 + 102/108 or 103 + 104	STL	STL
MAT 103 + Stats	QR	QR
2 Semesters English	WRI Lit course - LA	WRI Lit course - LA
PSY / SOC (for MCAT prep)	2 SA	Six additional courses in humanities & social sciences (across at least four distribution areas)
	1 EM	
	1 EC	
	1 LA	
	1 HA	
	Language	

By taking the pre-med pre-requisites, you will fulfill one LA, plus your STL and QR general education requirements. Planning your SA courses carefully, you can choose courses that help prep for the PSY/SOC portion of the MCAT.



# Chemical & Biological Engineering

## Courses required for CBE only (16)

MAT 201 + 202  
COS  
Diff EQ  
CBE 245 + 246  
CBE 250  
CBE 341  
CBE 346  
CBE 441  
CBE 442  
CBE 454 (thesis) (2)  
Program electives (3)  
*[one of these three electives must be CBE 300-500]*

## Courses that fulfill both CBE + Premed reqs (12)

MAT 103 + 104  
PHY 103/104 or 105/106  
CHM 201/207 + 202  
CHM 303  
CHM 304\*  
MOL 214/215  
MOL 345\*  
WRI + 1 Lit (LA)\*\*

## Courses needed that are premed only (1+)

EEB 211 (or AP + adv bio)  
stats (recommended)



**Recommend PSY, SOC**



## Required General Education Electives (6)\*\*

1 EM, 2 [EC / FL / HA / SA], 3 Soc Sci/Hum

Free Electives to 36 courses

\*CHM 304 & MOL 345 can count as program electives

\*\* One LA / writing class can count for premed reqs

# CBE Highlighted Departmentals

## BIOENGINEERING & BIOTECHNOLOGY

- CBE 440 – The Physical Basis of Human Disease
- CHM 440 – Drug Discovery in the Genomics Era
- EEB 325 – Mathematical Modeling in Biology & Medicine
- MOL 340 – Molecular & Cellular Immunology
- MOL 345 – Biochemistry
- NEU 408 – Cellular and Systems Neuroscience
- MOL 459 – Viruses: Strategies and Tactics
- MOL 523 – Molecular Basis of Cancer

## ENTREPRENEURSHIP & MANAGEMENT

- CHV 331 – Ethics & Public Health
- EGR 497 – Entrepreneurial Leadership
- ORF 245 – Engineering Stats

## SCI/ENG FOR NEW TECHNOLOGIES

- CHM 304 – Organic Chem II
- CHM 305 – Quantum World
- CHM 306 – Physical Chemistry

Consult with the department to discuss your specific course plans!

# CBE Sample Schedule

	Fall	Spring
Frosh (9)	MAT 201 CHM 201 PHY 103 Gen Ed Elective 1	MAT 202 CHM 202 PHY 104 COS 126 WRI
Soph (10)	CBE 245* CHM 303 Diff EQ Premed Bio Gen Ed Elective 2 (PSY/SOC)	CBE 246* CHM 304* MOL 214 Gen Ed Elective 3 (PSY/SOC) Gen Ed Elective 4 (Stats?)
Junior (9)	CBE 250* CBE 341* MOL 345* Program Elective* Gen Ed Elective 5	CBE 346* CBE 441* Program Elective* (Stats?) Gen Ed Elective 6
Senior (8)	CBE 442* Program Elective* Gen Ed 7 ENG (LA) CBE 454* (does not show on transcript)	CBE 454* Open Elective Open Elective Open Elective

\* = program requirement

# Molecular Biology

## Courses required for MOL only (5)

MOL 342  
MOL 348  
MOL 350

+ 2 departmentals

## Courses that fulfill both MOL + Premed reqs (12)

MAT 103 + stats  
PHY (103/108 or 101/108 or AP/108)  
CHM 201 + 202  
CHM 303 + 304  
MOL 214  
MOL 345  
WRI + 1 Lit (LA)

## Courses needed that are premed only (1)

EEB 211 (or AP + adv bio)

**Recommend PSY, SOC**

## General Ed Reqs (6-10)

Language (0-4)

1 EM    1 EC    1 HA    1 LA    2 SA

Free Electives to 31 total courses

# MOL Highlighted Departmentals

- CHM 440 – Drug Discovery in the Genomics Era
- CBE 440 – The Physical Basis of Human Disease
- EEB/GSS 301 – Evolution & the Behavior of the Sexes
- EEB 314 – Comparative Physiology
- EEB/MOL 414 – Genetics of Human Populations
- ENV 304 – Disease Ecology, Economics, and Policy
- GHP 350 – Epidemiology
- GHP 351 – Critical Perspectives on Global Health & Health Policy
- MOL 340 – Molecular & Cellular Immunology
- MOL 425 – Infection: Biology, Burden and Policy
- MOL 460: Diseases in Children: Causes, Costs, and Choices
- PSY/NEU 336 – The Diversity of Brains (EC)
- NEU 402 – Intro to Clinical Neuropsychology
- NEU 408 – Cellular & Systems Neuroscience

Consult with the department to discuss your specific course plans!

# MOL Sample Schedule

	Fall	Spring
Frosh (9)	CHM 201 MAT 103 Gen Ed Elective Language 1	CHM 202 MOL 214 or Open Elective WRI Gen Ed Elective Language 2
Soph (8)	CHM 303 (departmental 1) EEB 211 Gen Ed Elective Open Elective	CHM 304 (departmental 2) SML 201/Stats or Gen Ed Elective MOL 348 Open Elective or MOL 214
Junior (8)	MOL 350 MOL 345 PHY 101/103 Gen Ed Elective JP	MOL 342 PHY 108 Gen Ed Elective or SML 201/Stats Gen Ed Elective JP
Senior (6)	Departmental 3 ENG / Gen Ed LA Open Elective	Departmental 4 Open Elective Open Elective Thesis (2)

For more sample timelines:

<http://molbio.princeton.edu/undergraduate/molecular-biology-major/typical-paths>

# Ecology & Evolutionary Biology

## Courses required for EEB only (6)

6 departmentals

CHM 304 + MOL 345  
count as 2 of the 8  
required departmentals

Can count 1 policy  
course as departmental

## Courses that fulfill both EEB + Premed reqs (12)

EEB 211 + MOL 214  
CHM 201 + 202  
MAT 103 + stats  
PHY 101 or 103  
CHM 303 + 304  
MOL 345  
WRI + 1 Lit (LA)

## Courses needed that are premed only (1)

PHY 102, 104 or 108

**Recommend PSY, SOC**

## General Ed Reqs (6-10)

Language (0-4)

1 EM    1 EC    1 HA    1 LA    2 SA

Free Electives to 31 total courses

# EEB Highlighted Approved Departmentals

- EEB/ENV 304 – Disease Ecology, Economics and Policy
- EEB 306/ANT 206 – Human Evolution (EC)
- EEB 314 – Comparative Physiology
- EEB 315/ANT 215 – Human Adaptation
- EEB 325 – Mathematical Modeling in Biology and Medicine
- EEB 328 – Ecology and Epidemiology of Parasites and Diseases
- EEB/PSY 336 – The Diversity of Brains (EC)
- ANT 431 – Biomedical Anthropology
- CHV 331\* – Ethics and Public Health
- CBE 439 – Quantitative Physiology & Tissue Design
- ECO 322\* – Economics of Health and Healthcare
- WWS 316\* – Health and the Environment
- WWS 320\* – Human Genetics, Reproduction, and Public Policy
- All advanced MOL courses

\*policy course

<http://www.princeton.edu/eeb/undergraduate-studies/approved/>



Consult with the department to  
discuss your specific course plans!

# EEB Sample Schedule

	Fall	Spring
Frosh (9)	CHM 201 MAT 103 Gen Ed Elective Language 1	CHM 202 MOL 214 WRI Gen Ed Elective Language 2
Soph (8)	CHM 303 (departmental 1) EEB 211 Gen Ed Elective Open Elective	CHM 304 (departmental 2) Stats Gen Ed Elective Open Elective
Junior (8)	PHY 101 MOL 345 (Departmental 3) Departmental 4 Gen Ed Elective JP	PHY 102 or 108 Departmental 5 Departmental 6 Gen Ed Elective JP
Senior (6)	Departmental 7 ENG / Gen Ed LA Open Elective	Departmental 8 Open Elective Open Elective Thesis (2)

# Chemistry

## Courses required for CHM only (6)

MAT 104

2 departmentals  
(1 inorganic, 1 physical)  
core lab  
2 cognates

## Courses that fulfill both CHM + Premed reqs (10)

CHM 201 + 202

MAT 103

PHY 101+102 or 103+104

CHM 303<sup>1</sup> + 304<sup>2</sup>

MOL 345<sup>2</sup>

WRI + 1 Lit (LA)

## Courses needed that are premed only (3)

EEB 211 (or AP + adv bio)

MOL 214/215

Stats (recommended)

**Recommend PSY, SOC**

## General Ed Reqs (6-10)

Language (0-4)

1 EM

1 EC

1 HA

1 LA

2 SA

Free Electives to 31 total courses

<sup>1</sup> CHM 303 counts as a departmental

<sup>2</sup> CHM 304 and MOL 345 count as cognates

# CHM Highlighted Departmentals

- CHM 440 – Drug Discovery in the Genomics Era
- CHM 306 – Physical Chem: Chemical Thermodynamics & Kinetics
- Cognates in MOL, EEB, CBE

Consult with the department to  
discuss your specific course plans!

# CHM Sample Schedule

	Fall	Spring
Frosh (9)	CHM 201 MAT 103 Gen Ed Elective Language 1	CHM 202 MAT 104 MOL 214 WRI Language 2
Soph (8)	CHM 303 (Departmental 1) PHY 101/103 Gen Ed Elective Stats	CHM 304 (Cognate 1) PHY 102/104 Gen Ed Elective Gen Ed Elective
Junior (8)	CHM Core Lab (Departmental 2) CHM Departmental 3 EEB 211 Gen Ed Elective JP	MOL 345 (Cognate 2) Gen Ed Elective Open Elective Open Elective JP
Senior (6)	CHM Cognate 3 CHM Departmental 4 ENG / Gen Ed LA Open Elective	CHM Cognate 4 Open Elective Thesis (2)

# Psychology (class of 2018 and earlier)

## Courses required for PSY only (10)

PSY 101  
3 Foundation Courses  
3 Advanced Courses  
3 Electives

Many also count as  
EC, SA

## Courses that fulfill both PSY + Premed reqs (3)

PSY 251  
WRI + 1 Lit (LA)

## Courses needed that are premed only (10)

EEB 211 (or AP + adv bio)  
MOL 214  
CHM 201 + 202  
CHM 303 + 304  
MOL 345  
MAT 103  
PHY 101 & 102/108

Recommend PSY, SOC

## General Ed Reqs (4-10 depending on overlap)

Language (0-4)

1 EM    1 EC    1 HA    1 LA    2 SA

Free Electives to 31 total courses

Consult with the department to discuss your specific course plans!

## PSY Sample Schedule (2018 and earlier)

	Fall	Spring
Frosh (9)	CHM 201 MAT 103 PSY 101 Language 1	CHM 202 MOL 214 WRI Gen Ed Elective (HA) Language 2
Soph (8)	CHM 303 EEB 211 PSY (SA & foundation course 1) Gen Ed Elective (EM)	CHM 304 PSY 251 PSY (EC & foundation course 2) Gen Ed Elective (LA)
Junior (8)	MOL 345 PHY 101 PSY (foundation course 3) PSY advanced course 1 JP	PHY 102/108 PSY advanced course 2 PSY advanced course 3 Open Elective JP
Senior (6)	PSY elective 1 & SA ENG / Gen Ed LA Open Elective	PSY elective 2 PSY elective 3 Open Elective Thesis (2)

# Psychology (class of 2019 and later)

## Courses required for PSY only (10)

PSY 255  
PSY 252 (SA)  
PSY 300  
PSY 258  
2 PSY 2xx or higher  
3 PSY 3xx or higher  
1 PSY 4xx

Many also count as  
EC, SA

## Courses that fulfill both PSY + Premed reqs (4)

MOL 214  
PSY 251  
WRI + 1 Lit (LA)

## Courses needed that are premed only (9)

EEB 211 (or AP + adv bio)  
CHM 201 + 202  
CHM 303 + 304  
MOL 345  
MAT 103  
PHY 101 & 102/108

Recommend PSY, SOC

## General Ed Reqs (4-9 depending on overlap)

Language (0-4)

1 EM    1 EC    1 HA    1 LA    1 SA

Free Electives to 31 total courses

Consult with the department to  
discuss your specific course plans!

## PSY Sample Schedule (2019 and later)

	Fall	Spring
Frosh (9)	CHM 201 MAT 103 PSY 252 (SA) Language 1	CHM 202 MOL 214 WRI Gen Ed Elective (HA) Language 2
Soph (8)	CHM 303 EEB 211 PSY 255 Gen Ed Elective (EM)	CHM 304 PSY 251 PSY 2xx (SA) Gen Ed Elective (LA)
Junior (8)	MOL 345 PHY 101 PSY 258 / NEU 201 PSY 3xx (EC) JP	PHY 102/108 PSY 300 PSY 2xx Open Elective JP
Senior (6)	PSY 3xx ENG / Gen Ed LA Open Elective	PSY 3xx PSY 4xx Open Elective Thesis (2)



# Psychology

## Highlighted Departmentals/Cognates

### Departmentals

- PSY 207 – Pathopsychology (SA)
- PSY 254 – Developmental Psyc (EC)
- PSY 255 – Cognitive Psyc (EC)
- PSY 317 – Health Psyc (SA)
- PSY 336 – Diversity of Brains (EC)
- NEU 201 / PSY 258 – Fundamentals of Neuroscience
- NEU 202 / PSY 259 – Intro to Cognitive Neuroscience (EC/STL)
- PSY/NEU 402 – Intro to Clinical Neuropsychology
- PSY/NEU 480 – fMRI Decoding
- PSY/NEU 516 – Brain Imaging in Cognitive Neuro Research

# Neuroscience

## Courses required for NEU only (11)

NEU 201 (was 258)  
NEU 202 (was 259)  
NEU 350  
NEU 3xx  
MAT 104

+ 5 departmentals  
+ 1 behavior course  
(some also fulfill  
gen eds)

## Courses that fulfill both NEU + Premed reqs (7)

MAT 103 + SML 201 (stats)  
MOL 214  
PHY 101 + 102  
WRI + 1 Lit (LA)

## Courses needed that are premed only (6)

CHM 201 + 202  
CHM 303 + 304  
EEB 211  
MOL 345

Recommend PSY, SOC

## General Ed Reqs (4-10 depending on overlap)

Language (0-4)

1 EM    1 EC    1 HA    1 LA    2 SA

Free Electives to 31 total courses

# Neuroscience

## Highlighted Departmentals/Cognates

### Departmentals

- MOL/NEU 447 – Neuroimmunology
- MOL 459 – Basic Virology
- PSY/NEU 402 – Intro to Clinical Neuropsychology
- PSY/NEU 480 – fMRI Decoding
- PSY/NEU 516 – Brain Imaging in Cognitive Neuro Research

### Behavior Courses

- PSY 255 – Cognitive Psyc (EC)
- PSY/NEU 345 – Sensation & Perception (EC)
- PSY 254 – Developmental Psyc (EC)

Consult with the department to discuss your specific course plans!

# NEU Sample Schedule

	Fall	Spring
Frosh (9)	CHM 201 NEU 201 MAT 103 Language 1	CHM 202 NEU 202 MAT 104 WRI Language 2
Soph (8)	CHM 303 EEB 211 PSY/NEU (SA & departmental 1) Gen Ed Elective (HA)	CHM 304 MOL 214 (NEU bio req) PSY/NEU (EC & NEU behavior req) SML 201 (NEU quant req)
Junior (8)	MOL 345 PHY 101 Gen Ed Elective (EM) NEU departmental 2 JP	NEU 350 NEU 3xx PHY 102 NEU departmental 3 JP
Senior (6)	NEU departmental 4 ENG / Gen Ed LA Gen Ed Elective (SA)	Gen Ed Elective (LA) NEU departmental 5 Open Elective Thesis (2)

# Woodrow Wilson School

## Courses required for WWS only (12)

HIS prereq(HA)  
Microecon prereq (SA)  
POL/SOC/PSY prereq  
WWS Core econ  
WWS Core politics  
WWS Core SOC/PSY  
WWS Core policy  
WWS Core ethics  
(EM/EC)  
Language  
Field research  
+ 4 electives (some  
also fulfill gen eds)

## Courses that fulfill both WWS + Premed reqs (3)

Stats  
WRI + 1 Lit (LA)

## Courses needed that are premed only (10)

EEB 211 (or AP + adv bio)  
MOL 214  
CHM 201 + 202  
CHM 303 + 304  
MOL 345  
PHY 101 + 102/108 or 103 + 104  
MAT 103

**Recommend PSY, SOC**

## General Ed Reqs(0-7 depending on overlap)

Language (0-4)  
1 EM/EC 1 LA 1 SA

Free Electives to 31 total courses

# WWS Highlighted Departmentals

- AAS 403 – Race and Medicine (EM)
- ANT 335 – Medical Anthropology (EM)
- CHV 331 – Ethics & Public Health (EM)
- ECO 332 – Economics of Health Care (SA)
- ENV 304 – Disease Ecology, Economics and Policy (SA)
- GHP 350 – Critical Perspectives on Global Health (SA)
- GSS 420 – Born in USA: Culture and Reproduction (SA)
- HIS 395 – History of Medicine and the Body (HA)
- MOL 425 – Infection: Biology, Burden and Policy
- PSY 317 – Health Psychology (SA)
- SOC 364 – Sociology of Medicine (SA)
- WWS 354 – Modern Genetics and Public Policy (SA)

Consult with the department to  
discuss your specific course plans!

# WWS Sample Schedule

	Fall	Spring
Frosh (9)	CHM 201 ECO (SA) MAT 103 Language 1	CHM 202 HIS (HA) WRI Language 2 Open Elective
Soph (8)	CHM 303 EEB 211 POL/PSY/SOC (SA) Gen Ed Elective (LA)	CHM 304 MOL 214 Stats WWS Core 1 - Ethics (EM/EC)
Junior (8)	MOL 345 PHY 101 WWS Core 2 WWS Elective 1 JP (task force)	PHY 102/108 WWS Core 3 WWS Core 4 WWS Elective 2 JP (research seminar)
Senior (6)	WWS Elective 3 ENG / Gen Ed LA Gen Ed Elective (EM/EC)	WWS Core 5 WWS Elective 4 Open Elective Thesis (2)

# Anthropology

## Courses required for ANT only (9)

ANT 300 (SA)  
ANT 301 (SA)  
ANT 390 (HA)  
6 departmentals

## Courses that fulfill both ANT + Premed reqs (2)

WRI + 1 Lit (LA)

## Courses needed that are premed only (11)

EEB 211 (or AP + adv bio)  
MOL 214  
CHM 201 + 202  
CHM 303 + 304  
MOL 345  
PHY 101 + 102/108 or 103 + 104  
MAT 103 + Stats

Recommend PSY, SOC

## General Ed Reqs (1-8 depending on overlap)

Language (0-4)  
1 EM    1 EC    1 LA

Free Electives to 31 total courses



# ANT Highlighted Departmentals

- ANT 206 / EEB 306 – Human Evolution (EC)
- ANT 215 / EEB 315 – Human Adaptation
- ANT 223 – Anthropology of the Psyche
- ANT 308 – Forensic Anthropology
- ANT 310 – Fundamentals of Biological Anthropology (EC)
- ANT 335 – Medical Anthropology (EM)
- ANT 360 – Ethics in Context: Uses and Abuses of Deception and Disclosure (EM)
- ANT 380 / GHP 350 – Critical Perspectives in Global Health
- ANT 415 – The Anthropology of Science (EC)
- ANT 442 – Death, Aging, and Mortality
- ANT 480 / GHP 401 – Global Health in Africa

Consult with the department to  
discuss your specific course plans!

# ANT Sample Schedule

	Fall	Spring
Frosh (8)	CHM 201 MAT 103 ANT Departmental 1 Language 1	CHM 202 MOL 214 WRI Language 2
Soph (9)	CHM 303 EEB 211 ANT Departmental 2 Gen Ed Elective (LA)	CHM 304 Stats ANT Departmental 3 [ANT 335* – EM] Open Elective Open Elective
Junior (8)	MOL 345 PHY 101 ANT 300 (SA) ANT Departmental 4 JP	PHY 102/108 ANT 301 (SA) ANT Departmental 5 [ANT 206* – EC] ANT Departmental 6 JP
Senior (6)	ANT 390 (HA) Open Elective ENG / Gen Ed LA Open Elective (HPA rec MOL/EEB)	Open Elective (HPA rec MOL/EEB) Open Elective Thesis (2)

\*courses popular with pre-health students

# Humanities / Social Sciences (generally)

## Prereqs and Departmentals (8)

8 departmentals

- Number of departmentals varies with concentration, but many are 8-10
- Departmentals often overlap with gen eds

## Both Hum/SS + Premed (2)

WRI + 1 Lit (LA)

## Courses needed that are premed only (11)

EEB 211 (or AP + adv bio)  
MOL 214  
CHM 201 + 202  
CHM 303 + 304  
MOL 345  
PHY 101 + 102/108 or 103 + 104  
MAT 103 + Stats

Recommend PSY, SOC

## General Ed Reqs (4-10 depending on overlap)

Language (0-4)

1 EM    1 EC    1 HA    1 LA    2 SA

Free Electives to 31 total courses

# Medically-Relevant Hum/Social Sci Courses

- AMS 309 – History of Disability (SA)
- EAS 306 – Sexuality, Public Culture & Medicine in East Asia (SA)
- EAS 312 – Mind, Body and Bioethics in Japan and Beyond (EM)
- ECO 332 – Economics of Health and Health Care (SA)
- HIS 393 – Race, Drugs and Drug Policy in America (HA)
- HIS 394 – The Rise of Modern Biomedicine (HA)
- HIS 395 – History of Medicine and the Body (HA)
- PHI 344 / CHV 333 – Bioethics (EM)
- PHI 385 / CHV 310 – Practical Ethics (EM)
- REL 242 – Jewish Thought and Modern Society (EM)
- REL 261 – Christian Ethics and Modern Society (EM)
- REL 382 – Death and the Afterlife in Buddhist Cultures (HA)
- SOC 364 – Sociology of Medicine (SA)
- SOC 365 – Health, Society and Politics (SA)
- SOC 420 – Born in the USA: Culture & Reproduction in Modern America (SA)
- SPA 205 – Medical Spanish

See HPA Med/Health Related Courses every semester online:  
<http://www.princeton.edu/hpa/premed/coursework/>

Consult with departments of interest  
to discuss your specific plans!

# Humanities/Social Science Sample Schedule

	Fall	Spring
Frosh (8)	CHM 201 Open Elective MAT 103 Language 1	CHM 202 MOL 214 WRI Language 2
Soph (9)	CHM 303 EEB 211 Open Elective Gen Ed Elective (LA)	CHM 304 Stats Departmental 1 Gen Ed Elective (HA) Open Elective
Junior (8)	MOL 345 PHY 101 Departmental 2 Departmental 3 JP	PHY 102/108 MOL/EEB advanced course Departmental 4 Departmental 5 JP
Senior (6)	Departmental 6 Departmental 7 ENG / Gen Ed LA Gen Ed Elective (EM)	Departmental 8 Gen Ed Elective (EC) Thesis (2)

# Sample Pre-Health Psychology Theses

- The Effects of Treatment Type on Stigma Towards Those With Depression and Posttraumatic Stress Disorder
- "Genuine Medicine": Effects of a Novel Service-Oriented Music Program on Empathy, Self-Esteem, and Prosocial Behavior in Delinquent Youth
- Racial Disparities in Mental Health Among Undergraduates
- Utilizing Neural Gain as a Model for Explaining Features of Autism Spectrum Disorders: The effects of constitutive locus coeruleus activity on attention-based learning
- Using pediatric growth curves in secondary prevention of eating disorders: Closing the diagnostic gap between onset of growth stunting or BMI suppression and clinical presentation
- Will the Doctor See You Now? Racial Bias and Expectation in Medical Interviewing

# Sample Pre-Health Social Science Theses

- Cultivating Agents Of Change: Individual And Community Resilience In Chicago's Teen Health Council (ANT)
- Navigating Uncertainty: Negotiations On The Care Of Extremely Preterm Infants (ANT)
- Transience And The Lives Therein: An Ethnography Of Global Health And Care In Sierra Leone (ANT)
- Do Neonatal Intensive Care Units Save Lives? Longitudinal Evidence from United States Counties, 1976-2013 (ECO)
- Not So Sweet: The Effect of Food Insecurity on Adult Diabetes Risk (ECO)
- Pharmaceuticals, Patients, and Preserving International Protocol: TRIPS Enforcement in Brazil and South Africa (POL)
- The Federal Politics of Medical Malpractice (POL)
- Beyond Pro-Life and Pro-Choice: Race, Class, and Women's Reproductive Rights Narratives (SOC)
- Hypertension: A Consequence of Racial Discrimination? (SOC)

# Sample Pre-Health Humanities Theses

- Death and Dying in Ancient Greek Medicine (CLA)
- Writing an Epidemic; Fighting an Epidemic: The Memoirs of People with AIDS in the 1980s and 1990s (ENG)
- "Eternal Father, Strong to Save": The US Navy Medical Department in the Korean Conflict, 1950-1953 (HIS)
- "Revolution of Falling Expectations": Bertram Brown and the Political Psychiatry of Community Mental Health (1963-1978) (HIS)
- Rural Health Care in Central Iran: A Study from the Patients' and the Government's Perspectives (NES)
- Is Commercial Surrogacy Morally Problematic? (PHI)
- When Bodies Break: An Exploration of Christian Responses to Leprosy and AIDS (REL)
- Midwives and Medicalization: Reading Childbirth In Russian Literature (SLA)
- The Spanish Health Care System and Treatment of Immigrants (SPO)



# Additional resources

- Princeton Major Choices website:  
<http://odoc.princeton.edu/advising/choosing-major>
- Departmental Independent Work Guides:  
<http://undergraduateresearch.princeton.edu/independent-work/guides>
- Princeton Career Services Major Exploration guide:  
<http://careerservices.princeton.edu/undergraduate-students/major-career-choices/major-exploration>

# Additional resources

HPA Peer Advisers: <http://www.princeton.edu/hpa/about-us/peer-advisers/>

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