



TYPICAL FOUR YEAR PLAN IB PRE-MED

SEMESTER 1

IB 150 (4hrs) OR MCB 150 (4hrs)
CHEM 101 (3hrs) or CHEM 102 & 103 (4hrs)
MATH 112 (3hrs), MATH 115 (3hrs), MATH 220/1 (5hrs), or RHET 105 (4hrs)
PSYC 100 or SOC 100 (4hrs)
Total Hours: 13-16hrs

SEMESTER 3

IB 203 Ecology (4hrs) ADV. COMP
IB 204 Genetics (4hrs)
CHEM 104 & 105 (4hrs) or CHEM 232 (4hrs)
CHEM 233, Gen Ed, or Elective (2-4hrs)
Total Hours: 14-16hrs

SEMESTER 5

Advanced IB Course: IB 303 (4hrs) (A3, ADV LAB)
PHYS 101 (5hrs)
Gen Ed (3hrs) or CHEM 332 (4hrs)
Gen Ed, LOTE, or Elective (3-4hrs)
Total Hours: 13-16hrs

SEMESTER 7

Advanced IB Course (3-5hrs): IB 360 (A1)
Advanced IB Course or Elective (3hrs)
Gen Ed or Elective (3hrs)
Gen Ed or Elective (3hrs)
Total Hours: 13-16hrs

SEMESTER 2

IB 150 (4hrs) OR MCB 150 (4hrs)
CHEM 102 & 103 (4hrs) or CHEM 104 & 105 (4hrs)
MATH 115 (3hrs), or MATH 220 (5hrs), STATS 212 (3hrs), or RHET 105 (4hrs)
PSYC 100, SOC 100, or LOTE (4hrs)
Total Hours: 13-16hrs

SEMESTER 4

IB 202 Physiology (4hrs)
IB 302 Evolution (4hrs)
CHEM 232 & CHEM 233 (6hrs) or CHEM 332 (4hrs)
Gen Ed or Elective (1-3hrs)
Total Hours: 15-17hrs

SEMESTER 6

Advanced IB Course: MCB 450 (3hrs)
PHYS 102 (5hrs)
Gen Ed. or LOTE (3-5hrs)
Gen Ed or Elective (1-3hrs)
Total Hours: 14-16hrs

SEMESTER 8

Advanced IB Course: IB 481 (4hrs) (A2, LAB)
Gen Ed or ADV CHEM (CHEM MINOR) (3hrs)
Elective (3hrs)
Elective (3hrs)
Total Hours: 12-16hrs



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ADDITIONAL PRE MED CONSIDERATIONS

- Most Students will take the MCAT the Spring/Summer of the Junior Year this course guide provides a plan for how to take all courses required to adequately prepare for the MCAT before that timeframe - *If this is not the case you can choose to spread the courseload out more by working with your academic advisor*
- If you need to save time you can always look to take certain courses over the summer such as: MATH 220, PHYS 101, & PHYS 102 (*Confirm with potential med schools if you can take courses outside of undergrad institution*)
- Organic Chemistry II (**CHEM 332**) is not required for all schools but is recommended - *If you choose to take CHEM 332 you are one advanced course away from a **minor in Chemistry** talk to your advisor if this is something you are interested in*
- Enhance your application with Clinical Experience, **Research Experience**, &/or Teaching Experience, Leadership, or **Student Organizations**

WHAT IS ON THE MCAT?

- CARS (Critical Analysis & Reasoning Skills)
- Introductory Biology (IB 150, MCB 150)
- General Chemistry I & II (CHEM 102/103 & CHEM 104/105)
- Organic Chemistry I (CHEM 232 & 233)
- Introductory Psychology (PSYC 100)
- Introductory Sociology (SOC 100)
- Physics (PHYS 101 & 102)
- Biochemistry (MCB 450)

RECOMMENDED, NOT REQUIRED

- Anatomy (IB 303)
- Physiology (IB 202)
- Genetics (IB 204)
- Organic Chemistry II (CHEM 332)

MED SCHOOL INFO*

- Average GPA: 3.73
- Average Major GPA: 3.66
- Average Non Science GPA: 3.82
- Average MCAT score: 511.9

MORE ELECTIVES

- CLCV 102 Medical Terminology
- CHLH 330 Disability in Am. Society
- REHB 402 Medical Aspects of Dis.
- EPSY 222 Lang. & Culture of Deaf Communities

PRE MED ADV. IB OPTIONS

COURSE	HOURS	FA	SP	SU
IB 360 (A1) Evol. & Human Health	3	✓		
IB 361 (A2) Ecology & Human Health	3		✓	
IB 432 (A2) Genes & Behavior	3		✓	
IB 481 (A2) Vector-borne Diseases (LAB)	4		✓ EVEN	
IB 303 (A3) Anatomy (LAB)	4	✓		
IB 364 (A3) Genomics & Human Health	3			✓
IB 435 (A3) Critical Eval of Herban Remedies	3		✓	
IB 416 Population Genetics	3		✓	
IB 436 Evolutionary Neuroscience	3 or 4	✓		
IB 442 Evolution of Infectious Disease	3		✓	
MCB 314 Intro to Neurobiology	3	✓		

**These are generalizations always check with the specific school you plan to apply to for specific requirements as each school will be different, planning ahead is always the best idea*