# 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 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 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 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 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 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 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 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**
**TYPICAL FOUR YEAR PLAN IB**

**PRE-MED**

### 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 course load 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)

### 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

### RECOMMENDED, NOT REQUIRED

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

### PRE MED ADV. IB OPTIONS

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<tr>
<th>COURSE</th>
<th>HOURS</th>
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<tr>
<td>IB 360 (A1) Evol. &amp; Human Health</td>
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<td>IB 361 (A2) Ecology &amp; Human Health</td>
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<td>IB 432 (A2) Genes &amp; Behavior</td>
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<td>IB 481 (A2) Vector-borne Diseases (LAB)</td>
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<td>IB 303 (A3) Anatomy (LAB)</td>
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<td>IB 364 (A3) Genomics &amp; Human Health</td>
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<td>IB 435 (A3) Critical Eval of Herban Remedies</td>
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<td>IB 442 Evolution of Infectious Disease</td>
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<td>MCB 314 Intro to Neurobiology</td>
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*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.*