



# TYPICAL FOUR YEAR PLAN IB

## PRE-Dental

### 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)
<b>Total Hours: 13-16hrs</b>

### 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)
<b>Total Hours: 14-16hrs</b>

### 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)
<b>Total Hours: 13-16hrs</b>

### SEMESTER 7

Advanced IB Course: MCB 300 (3hrs)
Advanced IB Course or Elective (3hrs)
Gen Ed or Elective (MCB 301) (3hrs)
Gen Ed or Elective (3hrs)
<b>Total Hours: 13-16hrs</b>

### 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)
<b>Total Hours: 13-16hrs</b>

### 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)
<b>Total Hours: 15-17hrs</b>

### SEMESTER 6

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

### SEMESTER 8

Advanced IB Course (3-4hrs)
Gen Ed or ADV CHEM (CHEM MINOR) (3hrs)
Elective (3hrs)
Elective (3hrs)
<b>Total Hours: 12-16hrs</b>



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### ADDITIONAL PRE DENT CONSIDERATIONS

- Most Students will take the DAT they after completing general biology, chemistry, and organic - chemistry courses. This can be as early as the end of your sophomore year
- 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
- Some dental schools will substitute one semester of biochem (MCB 450) for the second semester of organic chemistry (**CHEM 332**)  
- 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**

### UIC DMD Program

### WHAT IS ON THE DAT?

- Survey of Natural Sciences
- Perceptual Ability
- Reading Comprehension
- Quantitative Reasoning
- Introductory Biology (IB 150, MCB 150)
- General Chemistry I & II (CHEM 102/103 & CHEM 104/105)
- Organic Chemistry I (CHEM 232 & 233)

### RECOMMENDED, NOT REQUIRED

Anatomy (IB 303), or MCB 244/5/6/7  
Physiology (IB 202), Genetics (IB 204),  
Organic Chemistry II (CHEM 332),  
Microbiology (MCB 300+301),  
Biochem (MCB 450), Sociology (SOC 100),  
Psychology (PSYC 100)

### ADV. IB ELECTIVE OPTIONS

### REQUIREMENTS BY SCHOOL

- Average GPA: 3.57
- Average Major GPA: 3.48
- Average DAT score: 17

### 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

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 Poplulation 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*