



# TYPICAL FOUR YEAR PLAN IB

## Forensic Science

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 (3-5hrs): IB 360 (A1)
Advanced IB Course or Elective (3hrs)
SOC 375 Criminal Justice (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)
SOC 275 Criminology (3hrs)
<b>Total Hours: 15-17hrs</b>

SEMESTER 6

Advanced IB Course: MCB 450 (3hrs)
PHYS 102 (5hrs)
Gen Ed. or LOTE (3-5hrs)
ANTH 246 Forensic Science (4hrs)
<b>Total Hours: 14-17hrs</b>

SEMESTER 8

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



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## Forensic Science

### FORENSIC CAREER PATHS

- Forensic Pathologist (Medical Examiners)
  - Requires Med School & Forensic Pathology Certification
- Crime Scene Investigator (w/ lab work)
  - Requires Bachelor's Degree & Law Enforcement/ Natural Science courses
  - Certs in Latent print analysis, ballistics, crime scene management, data interpretation, & blood stain patterns
- Crime Lab Analyst
  - Bachelor's Degree in Biological sciences & coursework in DNA analysis, crime scene investigation, evidence collection, & criminal law procedures

### COURSE REQUIREMENTS\* & ELECTIVES

- Introductory Biology (IB 150, MCB 150)
- General Chemistry I & II (CHEM 102/103 & 104/105)
- Organic Chemistry I (CHEM 232 & 233) (CHEM 332)
- Anatomy (IB 303)
- Physiology (IB 202)
- Toxicology (FSHN 480)
- Physics (PHYS 101 & 102)
- Biochemistry (MCB 450)
- Genetics (IB 204)
- Statistics (STATS 212)
- Forensic Science (ANTH 246)
- Forensic Science DNA LAB (ANTH 247)
- Criminal Justice (SOC 375)

### MED SCHOOL INFO\*

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

### FORENSIC CERTIFICATE

Make your advanced IB Courses work for you by getting a certificate in Forensic Science! \*\*

### ADDITIONAL CONSIDERATIONS

- Create a list of FS Programs you plan to apply to early, because there are a variety of options and requirements.
- 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 programs if you can take courses outside of undergrad institution)

### FORENSIC 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 468 Insect Classification & Evolution (LAB)**	3	✓ ODD		
IB 416 Population Genetics	3		✓	
IB 401 (A1) Introduction to Entomology (LAB)**	3 or 4	✓		
IB 442 Evolution of Infectious Disease	3		✓	
IB 471 (A1) Fungal Diversity & Ecology**	3	✓ EVEN		

\*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