# 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)**
- **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)**
- **SOC 275 Criminology (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)**
- **ANTH 246 Forensic Science (4hrs)**
- **Total Hours: 14-17hrs**

### 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)**
- **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
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 (FHSN 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)

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

<table>
<thead>
<tr>
<th>COURSE</th>
<th>HOURS</th>
<th>FA</th>
<th>SP</th>
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<tbody>
<tr>
<td>IB 360 (A1) Evol. &amp; Human Health</td>
<td>3</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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<tr>
<td>IB 364 (A3) Genomics &amp; Human Health**</td>
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<td>IB 468 Insect Classification &amp; Evolution (LAB)**</td>
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<td>IB 416 Population Genetics</td>
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<td>IB 401 (A1) Introduction to Entomology (LAB)**</td>
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<td>IB 442 Evolution of Infectious Disease</td>
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<td>IB 471 (A1) Fungal Diversity &amp; Ecology**</td>
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</table>

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! **

*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