**IB chemistry (Higher Level)**

**Exam content** – 21 topics (155 hours) and 1 option (25 hours)

**Paper 1**

* 1 hour
* 40 multiple-choice questions
* No calculators
* Periodic table provided
* Weighting = 20%

**Paper 2**

* 2¼ hours
* Short and extended-response questions
* Calculators required and data booklet provided
* Weighting = 36%

**Paper 3**

* 1¼ hours
* Section A: one data-based question and several short-answer questions on experimental work
* Section B: short-answer and extended-response questions from 1 option
* Calculators required and data booklet provided
* Weighting = 24%

**Internal assessment (lab work)**

* 10 hours
* 1 individual investigation
* Assessed on personal engagement (out of 2), exploration (out of 6), analysis (out of 6), evaluation (out of 6) and communication (out of 4). Total 24.
* Weighting = 20%
* *In addition - Group 4 project*
  + *10 hour group project*
  + *Each student must completely a reflective statement that is included in the internal assessment document*
  + ***NOT formally assessed***

**Selectividad chemistry**

**Exam format**

There are 2 options with 6 questions each. Choose only 1 option. The questions are in the following format:

1. 6 (total) inorganic and organic formulation questions (1.5 points)
2. Theory (1.5 points)
3. Theory (1.5 points)
4. Theory (1.5 points)
5. Problems (2.0 points)
6. Problems (2.0 points)

(For the formulation questions 🡪 for each mistake you lose 0.5 points so less than 4 correct and you will receive 0 points)

* Maximum score of 10. Marks given with 2 decimal places e.g. 6.50
* Points are divided equally between parts of each question
* In questions 5 and 6 error is not carried forward so a mistake in Part A will cause a 50% reduction in any marks of Part B

**San Francisco de Paula campus**

**Exams**

Each trimester you will need at least 2 marks for Criterion A, B and C (knowledge, applied knowledge and problems). To get these marks you will have 1 exam during the trimester and then the final exam at the end. Each exam will contain 10 formulation questions (these count for 1 mark in total and they do not affect whether you pass or fail!), a range of questions that evaluate each criteria AND at least 2 selectividad-style questions.

**Lab reports**

You will need at least 2 marks in Criterion D (lab reports) so you will complete approximately 3 lab reports each trimester. Each lab report will be assessed in one or more of the criteria that are in the IB guide – analysis (processing of data), evaluation (conclusions and discussing your method and its limitations) and communication (presentation and use of scientific language).

**Attitude**

You will need at least 2 marks in Criterion E (attitude). These will be given by Mr Canning during and at the end of each trimester.