

Year 11 IB Options-Part 3

Interpreting the Data, Communication and Making Decisions

SEPTEMBER 18TH 2019

The CUG Team



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← Year 11 ILS IB Options questionnaire part 1

QUESTIONS RESPONSES 53

Section 1 of 3

Year 11 ILS IB Options questionnaire

Following on from this week's session, you should be thinking about the first stage of your decision making process with reference to your IB subject choices. Stage 1 is all about framing the issue and asking yourself the right questions. If you approach the issue from a non-limiting perspective and start to think about the direction that you wish to move in rather than a specific job or university, you will begin to open up the scope and range of your options.

Don't overthink your responses and try to be as open as you can - honest and fearless thinking means answering without feeling embarrassed. Also, don't feel you have to complete this today- it is due in no later than next Monday 10th September - give yourself some time to reflect on your thoughts and what you heard in ILS.

There will be a similar task in each of the next couple of weeks and the CUG Team will collate and use this information as the basis for the 1 2 1 interviews that will be scheduled for later this term.

A Quick Recap- Options Questionnaire

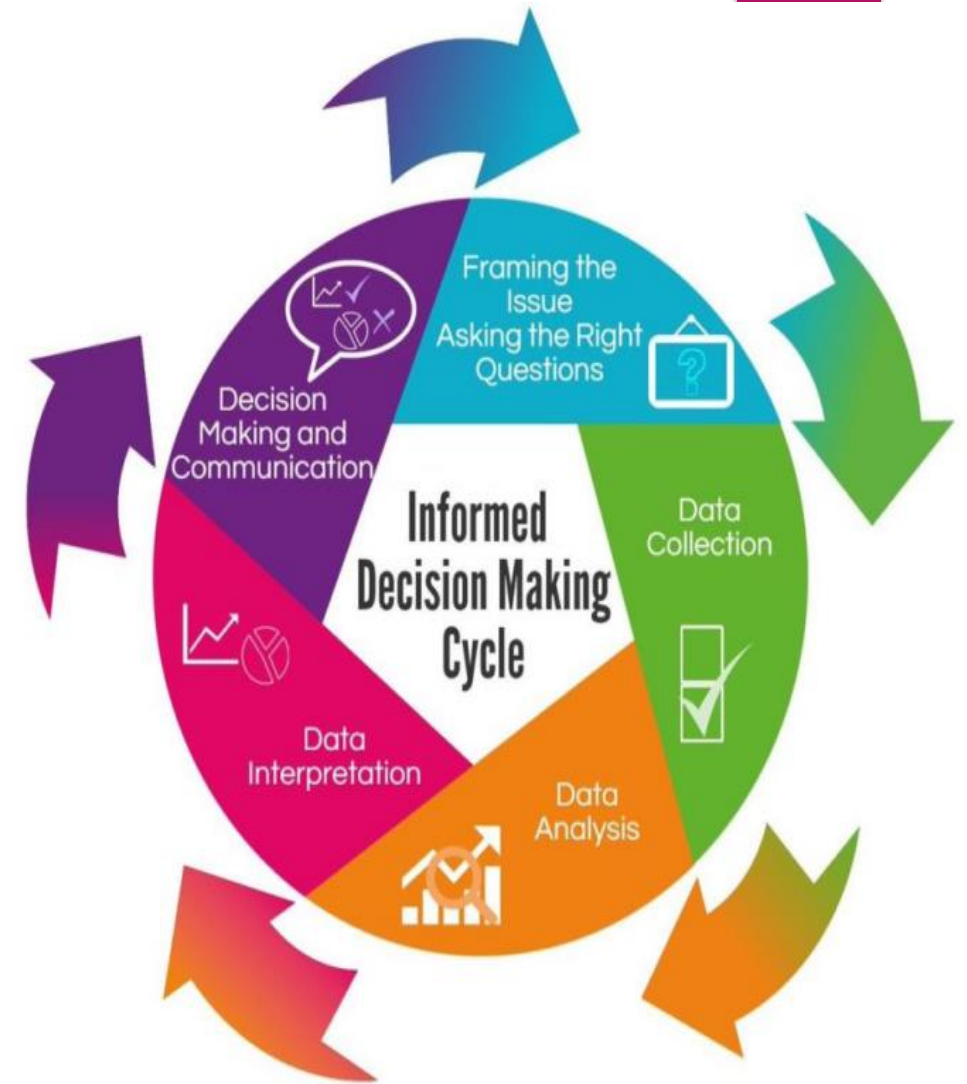
The Google Form questionnaires – first 2 tasks – should help you to gather your thoughts and collate the different aspects of your approach and priorities. Useful for reflecting on your drives, motivations and aspirations and discovering what you do/don't know about IB.



3 Part Structure- today we are looking at the future and how IB choices might help you “connect the dots” in the future.

UNIVERSITY, COLLEGE , CAREER PATHS AND BEYOND

Stage 3 – Interpreting Data, Decision Making and Communication

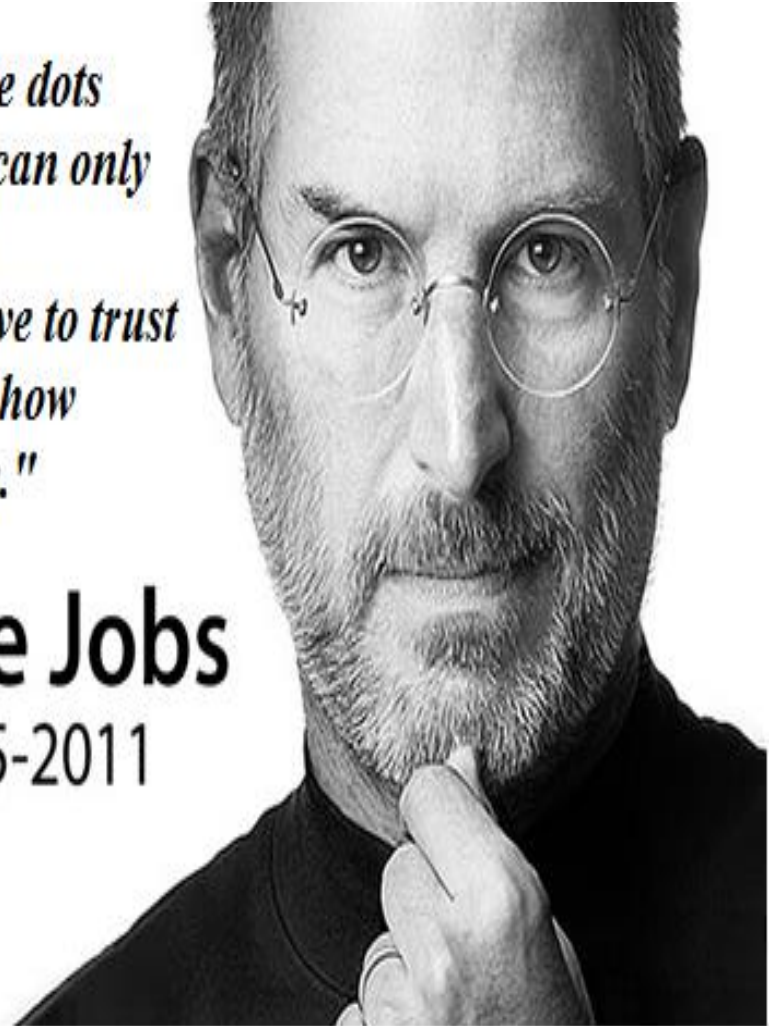


JOIN THE DOTS

Although there are some HE courses and career paths that demand you have studied certain subjects at specific levels and in certain combinations, they are relatively few – e.g. Medicine, Dentistry, Engineering – and even these can vary by country and college.

"You can't connect the dots looking forward; you can only connect them looking backwards. So you have to trust that the dots will somehow connect in your future."

Steve Jobs
1955-2011



Horses for Courses

OR WHY YOU
SHOULD RESEARCH
THE DIFFERENT STYLES
OF EDUCATION
SYSTEMS BEFORE
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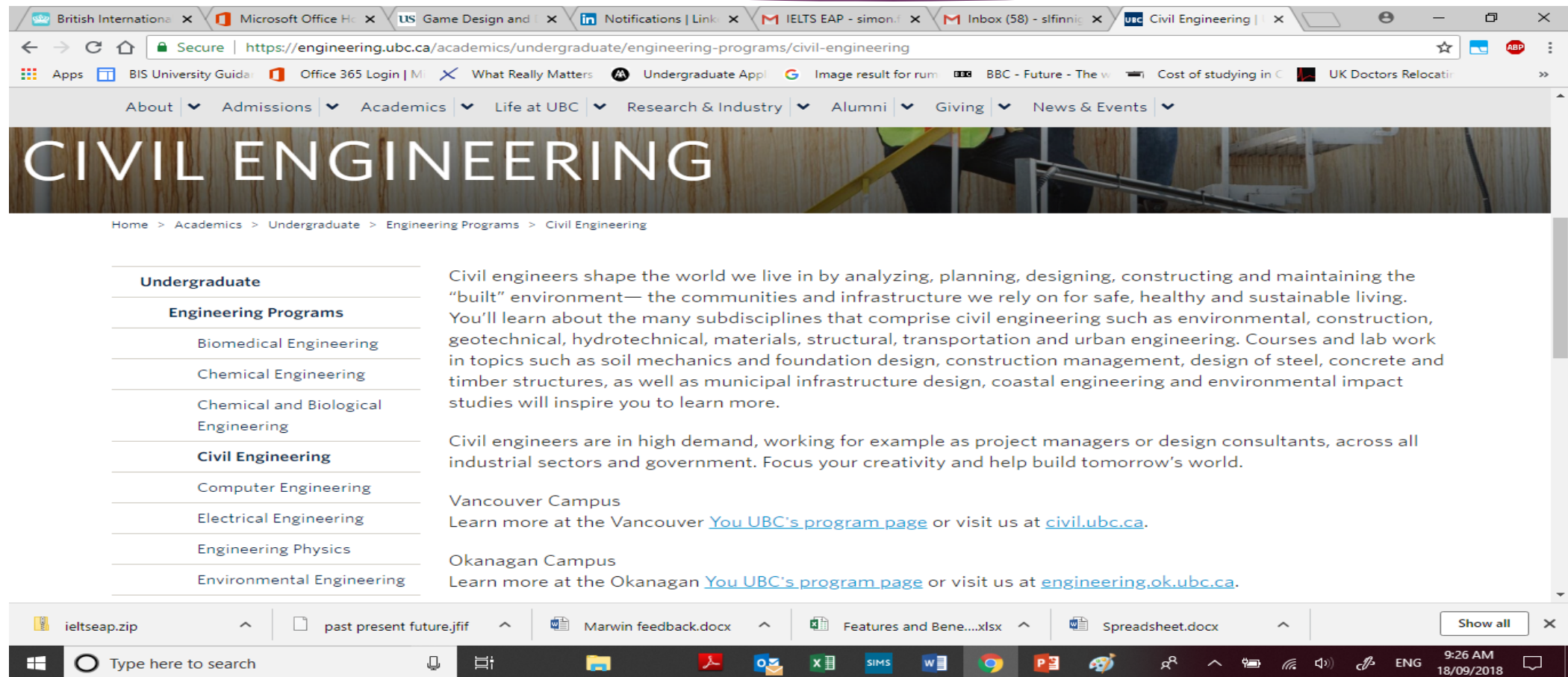
- The country in which you choose to study is hugely important.
- Cost, duration and style of learning can all vary from country to country.
- In general – UK/HK/SING/KOR are all quite focussed and are course-based
- USA/CAN/AUS allow for a little more flexibility in terms of focus or “MAJOR”
- Other countries fall somewhere in between – think about IBDP preparation

Engineering and Business- - Popular Choices

ENGINEERING AND BUSINESS
ARE 2 OF THE MOST POPULAR
AREAS FOR IB STUDENTS – AT
BIS AND ELSEWHERE.

PICK EITHER DISCIPLINE AND
EXPLAIN TO YOUR PARTNER
WHAT TYPES OF TOPICS YOU
MIGHT STUDY IF YOU DID A
DEGREE IN ONE OF THESE
AREAS – BE SPECIFIC

I want to be an Engineer...Which type?



The screenshot shows a web browser window with multiple tabs open, including 'British International', 'Microsoft Office', 'Game Design and', 'Notifications | Link', 'IELTS EAP - simon.f', 'Inbox (58) - slfinnic', and 'Civil Engineering |'. The address bar shows the URL 'https://engineering.ubc.ca/academics/undergraduate/engineering-programs/civil-engineering'. The website header includes navigation links: 'About', 'Admissions', 'Academics', 'Life at UBC', 'Research & Industry', 'Alumni', 'Giving', and 'News & Events'. The main heading is 'CIVIL ENGINEERING'. Below this, a breadcrumb trail reads 'Home > Academics > Undergraduate > Engineering Programs > Civil Engineering'. A sidebar on the left lists 'Undergraduate Engineering Programs' with links to 'Biomedical Engineering', 'Chemical Engineering', 'Chemical and Biological Engineering', 'Civil Engineering' (highlighted), 'Computer Engineering', 'Electrical Engineering', 'Engineering Physics', and 'Environmental Engineering'. The main content area describes civil engineering as a profession that shapes the world by analyzing, planning, designing, constructing, and maintaining the 'built' environment. It lists various subdisciplines and mentions that courses and lab work cover topics like soil mechanics, foundation design, construction management, and design of steel, concrete, and timber structures. It also notes that civil engineers are in high demand across all industrial sectors and government. At the bottom, there are links to 'Vancouver Campus' and 'Okanagan Campus', each with a 'You UBC's program page' link and a direct link to the respective campus page.

British International x Microsoft Office Hc x US Game Design and x Notifications | Link x IELTS EAP - simon.f x Inbox (58) - slfinnic x UBC Civil Engineering | x

Secure | https://engineering.ubc.ca/academics/undergraduate/engineering-programs/civil-engineering

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About Admissions Academics Life at UBC Research & Industry Alumni Giving News & Events

CIVIL ENGINEERING

Home > Academics > Undergraduate > Engineering Programs > Civil Engineering

Undergraduate

Engineering Programs

- Biomedical Engineering
- Chemical Engineering
- Chemical and Biological Engineering
- Civil Engineering**
- Computer Engineering
- Electrical Engineering
- Engineering Physics
- Environmental Engineering

Civil engineers shape the world we live in by analyzing, planning, designing, constructing and maintaining the "built" environment— the communities and infrastructure we rely on for safe, healthy and sustainable living. You'll learn about the many subdisciplines that comprise civil engineering such as environmental, construction, geotechnical, hydrotechnical, materials, structural, transportation and urban engineering. Courses and lab work in topics such as soil mechanics and foundation design, construction management, design of steel, concrete and timber structures, as well as municipal infrastructure design, coastal engineering and environmental impact studies will inspire you to learn more.

Civil engineers are in high demand, working for example as project managers or design consultants, across all industrial sectors and government. Focus your creativity and help build tomorrow's world.

Vancouver Campus
Learn more at the Vancouver [You UBC's program page](#) or visit us at [civil.ubc.ca](#).

Okanagan Campus
Learn more at the Okanagan [You UBC's program page](#) or visit us at [engineering.ok.ubc.ca](#).

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Type here to search

9:26 AM 18/09/2018

Bachelor of Engineering in the UK

| Institution | Typical Entry Requirements |
|--|---|
| UCL University College London (Civil Engineering) | 39, with 19 points in 3 HL subjects, with no score lower than 5. Physics at either SL or HL |
| University of Manchester (Civil Engineering) | 35 – 6,6,5 at HL (Maths AI or AA and Physics) and 5 in English SL |
| University of Sheffield (Civil Engineering) | 36, 6 in HL Mathematics |
| Durham University (General Engineering) | 38 to include 666 in HL subjects. HL Mathematics and Physics required |

Bachelor of Engineering - Comparison

| Institution | Typical Entry Requirements |
|--|--|
| UCL University College London (Civil Engineering) | 39, with 19 points in 3 HL subjects, with no score lower than 5. Physics at either SL or HL |
| University of Manchester (Civil Engineering) | 35 - 6 in Mathematics HL, 6 in Physics HL and 5 in English SL |
| University of Sheffield (Civil Engineering) | 36, 6 in HL Mathematics |
| Durham University (General Engineering) | 38 to include 666 in HL subjects. HL Mathematics and Physics required |
| UBC University of British Columbia | IB Mathematics SL or HL, IB Chemistry SL or HL, IB Physics SL or HL Academically strong candidates missing either IB Chemistry or IB Physics may be evaluated on a case-by-base basis |

I want to study Business...

- ▶ Business or Management is a difficult discipline to define-
- ▶ What does it include?
- ▶ What are the different roles and responsibilities within a business or organisation?
- ▶ Do they need similar skills or a diverse skillset?

I Want to Study Business...

| Institution | Option 1 | Option 2 | Option 3 |
|---|---|--|--|
| University of Sheffield | BA Accounting and Financial Management | BA Business Management | BA International Business Management |
| University of Liverpool | BA in Business Management | BA in Marketing | BA in Business Economics |
| Rotterdam University of Applied Sciences | BBA in International Business for Asia | BBA in International Business & Supply Chain Management | BBA in International Business and Languages |
| EU Business School | BSc International Business with minor | BA in Sports Management | BA in Digital Business, Design & Innovation |
| Nanyang Technical University | Bachelor of Accountancy | Bachelor of Business | Double Degree in Business and Accountancy |

Some Other Factors for Consideration?

- ▶ In small groups now discuss some of the factors for consideration – outside of grades and courses and requirements – when thinking about making applications to university.
- ▶ 2 minutes to get a list of areas that would be important.

Some Other Factors for Consideration

- ▶ What type of course are you looking for- practice versus theory, course content.
- ▶ How much scope is there to choose individual pathways after the first year?
- ▶ Is the course recognized or accredited by a body or professional organization?
- ▶ Is there an opportunity for a work placement- year in industry?
- ▶ Will I need to add to the UG degree with a more specific PGT qualification?
- ▶ Is there an opportunity to study abroad or on different campuses?
- ▶ What type of system do you want to study in – e.g. city versus campus, college system
- ▶ The city/town/area you live and study in – not just studying but living.

After you've framed the issue

- ▶ Talk to teachers, students, family, university visitors
- ▶ Consider the different styles of learning in different HE systems and think about what is suited to you best – course-based, major/minor-based, liberal arts colleges vs research institutions, year abroad, placement/co-op options

Use the university visits programme to gather valuable information – today in the Curve at 12.35 there will be 5 US colleges

After you've framed the issue

- ▶ So you have framed the issue - looked at the bigger picture- and positioned your goals or dreams as a question – what steps need to be taken to move in that direction?
- ▶ A degree, some professional training, work experience?
- ▶ **How can I work in sport?**
- ▶ **How can i use my creative skills to entertain people and make their day?**
- ▶ **How can I learn about how/why people decide to behave the way they do?**

After you've framed the bigger issue

- ▶ So you have framed the issue - looked at the bigger picture- and positioned your goals or dreams as a question – what steps need to be taken to move in that direction?
- ▶ **How can I work in sport? Coach, psychologist, PT, administrator, nutritionist, translator, physio or therapist, journalist, statistician/analyst, teacher, marketer, recruiter, scout, medic,**
- ▶ **How can i use my creative skills to entertain people and make their day? Performer, writer, product designer, curator, conservator, film-maker, fashion buyer, exhibition designer, photographer, therapist, teacher, content creator**

Prospects Quizzes

The screenshot shows a web browser window displaying the Prospects website. The browser's address bar shows the URL: `prospects.ac.uk/planner?utm_source=welcome&utm_medium=email_marcomms&utm_campaign=24hours&utm_content=19790`. The website header includes the Prospects logo and navigation links: 'Jobs and work experience', 'Postgraduate study', 'Careers advice', and 'Applying for university'. There are also links for 'Log in' and 'Register'. The main content area is titled 'What job would suit me?' and features two options: 'Career Planner' and 'Job Match beta'. The 'Career Planner' option includes icons for a document, a pencil, a lightbulb, a magnifying glass, and a calendar. The 'Job Match beta' option is marked as 'NEW' and includes a description of the quiz and a 'Log in or register to start' button. At the bottom of the page, there is a footer with the text 'Don't want to match your skills and personality to more than 400' and a list of open files in the background.

PROSPECTS

Post a job >

Jobs and work experience Postgraduate study Careers advice Applying for university

Log in Register

What job would suit me?

Career Planner

Career Planner matches your skills, motivations and desires to a career that's perfect for you. To get even more from your results, take them to your University or College career adviser.

They'd love to help.

Register now and take the quiz >

Already registered? [Log in and continue](#)

OR

Job Match **beta**

Be inspired by Job Match. Answer questions about what you find interesting, rewarding and purposeful and we'll match you with our job groups containing more than 400 job profiles. See your results in less than 10 minutes.

Log in or register to start >

Don't want to match your skills and personality to more than 400

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Where do I go from here?

- ▶ ILS next week will give you input about how to prepare for the IB Options Evening.
- ▶ IB Options Evening , **Thursday 26th September**
- ▶ I-2-1 Guidance Meetings with the CUG Team to begin in November
- ▶ Complete all tasks on Classroom in preparation for the Options Evening and CUG meetings in order to obtain maximum value
- ▶ Reflect on responses to tasks from sessions 1 & 2. Complete Task 3
Reflection is a cycle , a process that is ongoing. **“There is no such thing as writing, only re-writing” (Ernest Hemingway)**