Faculty of Information Technology

Industry Based Learning
Program Information Session

Stephen Huxford  IBL Director
Chris Gonsalvez  Associate Dean Student Engagement

Presentation Overview

- IBL Program Overview
- Selection Process
- Placements
- Peer Mentor Program
- Next Steps
IBL Program Overview

- A joint venture between educators and employers to offer our students relevant industry experience
- One (or two) 23 week placements depending on degree and major
- **Selective entry program**
  - Available to all IT single degree students*
  - Available to most IT double degree students
- Each placement counts 3 units towards your degree
- Students on placement receive an $18,000 scholarship for each placement (subject to change)
- Improves your marketability and employability
  - … *Excellent graduate outcomes*

*Includes Bachelor of Engineering (Software Engineering)

Some of our Industry Partners
# IBL Staff Team

<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
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</thead>
<tbody>
<tr>
<td>Stephen Huxford</td>
<td>Director, IBL Program</td>
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<tr>
<td>Chris Gonsalvez</td>
<td>Associate Dean, Student Engagement</td>
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<tr>
<td>Laurel Bakos</td>
<td>Senior WIL Co-ordinator</td>
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# When To Apply?
- If in doubt, see a Course Adviser.

<table>
<thead>
<tr>
<th>Degree</th>
<th>Commencing Semester</th>
<th>When To Apply</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bachelor of Information Technology</td>
<td>1</td>
<td>August, Year 1</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>August, Year 2</td>
</tr>
<tr>
<td>Bachelor of Computer Science</td>
<td>1</td>
<td>August, Year 1</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>August, Year 2</td>
</tr>
<tr>
<td>Bachelor of Computer Science Advanced (Honours)</td>
<td>1</td>
<td>August, Year 1</td>
</tr>
<tr>
<td>Bachelor of Engineering (Software Engineering)</td>
<td>1</td>
<td>August, Year 2</td>
</tr>
<tr>
<td>Double Degrees with Bachelor of Information Technology or Bachelor of Computer Science (4 Years)</td>
<td>1</td>
<td>August, Year 2</td>
</tr>
<tr>
<td>Double Degrees with Software Engineering (5 Years)</td>
<td>1</td>
<td>August, Year 2</td>
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The Selection Process

1. Complete and submit IBL Program Application (31 August 2018)
2. Attend IBL Field Trips (Mid-semester break - September 2018)
3. Invited students attend IBL Entry Interviews
   - Either November 2018 or February 2019
   - You must attend the interview you are invited to
4. Attend IBL Placement Interviews
   - Mid-semester breaks – April or September 2019
5. Complete FIT2108 (S1 2019)
6. Placements (July to December 2019 and/or January to June 2020)
   - Subject to eligibility requirements and pre-requisites being met & availability of placements.

Overview IBL Timeline
### 1. Complete and submit IBL Program Application - Dates

- **Applications open** late July 2018  
  (Check student email and the Byte magazine)
- **Applications close Tuesday 31\textsuperscript{st} August**
- You can apply no matter what your WAM is BUT
  - WAM $\geq 65$ to get an Entry Interview in November/18 or February/19

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### 1. Complete and submit IBL Program Application

Please **be prepared** before completing the very long IBL Program Application Form.  
An Invitation email will summarise form requirements such as:

- Agreeing to meet pre-requisites
- Confirming availability to attend interviews/briefings
- Providing a brief CV and photo
- Application for Peer Mentor Program, etc.

**No late submissions accepted**
2. Attend IBL Field Trips

- All IBL Applicants will be invited to attend a Field Trip to an Industry Partner
  - No WAM requirement
- During September mid-semester break 2018

3. IBL Entry Interviews – What are they for?

- **IBL Entry** interviews are for selection into the IBL Program
- Interviewed by one or two of our Industry Partners and/or a Video interview
- Determines your work readiness
  - For any placement (not company specific)
- **NOT** IBL Placement Interviews which occur during mid-semester break(s)
3. Attend IBL Entry Interviews – Who is eligible to attend?

Eligible students with a WAM 65+ who submit applications will be invited for an IBL Entry Interview – Video and/or in person

Generally:
- In November – for students with a WAM of 65+ at time of application
- In February - those with a WAM of 65+ after Sem 2/ Summer results released

3. IBL Entry Interviews – What are industry looking for?

- Academic performance
- Communication skills
- Maturity, leadership, initiative
- Enthusiasm & energy
- Extra curricular interests & participation
- IT industry and careers awareness
- Suitability for the IBL placement
4. Attend IBL Placement Interviews – Who gets invited?

Eligible students who are successful at their IBL Entry Interview are invited to the IBL Placement Interviews

- Must maintain your WAM of 65+ until you are placed

**NOTE:** If there are a limited no. of placements available – the number of students invited to attend the Placement Interviews will be reduced based on WAM and Entry interview results

.... *not expected to happen*

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4. Attend IBL Placement Interviews

- IBL Placement Interviews are held in mid-semester breaks over a period of 2-3 days
- Industry Partners can select which students they see by Degree/Major
- Speed Interviews - **Many** 10 minute interviews by specified Industry Partners over **two** days
  - you **must** attend the entire time
- You will be allocated to either April or September Placement interviews based on:
  - When a placement can be placed in your course map
  - Requirements and prerequisites met
  - Placement availability
- You will submit an updated CV before the interviews
6. Placements - Allocations

- Industry Partners submit their student preferences
  - 1 - Yes, 2 - OK, 3 - No
- IBL Allocation Program
  - Allocates placements to students optimising for Industry Partner preferences
- No guarantee of a placement
- You do not choose your placement
  - Our experience is Industry rates our student very highly and students rate their placements very highly so we are confident the allocation system is working
- Students asked to contact allocated Industry Partner
- Students attend IBL Briefing and Contract Signing
  - About 1 month before start of placement

5. Complete FIT2108 – Semester 1 2019

- Seminars by Industry Partners
- Compulsory attendance by all IBL students
  - A reflection on each seminar must be submitted
- Additional unit to your usual enrolment – will be added by the Faculty (not via WES) if you are successful at the Entry Interview
  - Pass grade only, no credit points, does not occupy a slot in your course map but may upset timetabling of other units
6. Placements - What happens once you get placed?

- You are immersed in the organisation, allocated an industry supervisor …. *treated just like a graduate*
- Academic supervisors will visit 3 times during the semester
- You complete a portfolio of work / presentation
- Assessment by industry and academic supervisors
  - 50% by mid-placement and end-placement evaluation by industry supervisor

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**IBL units, Pre-requisites, Course Progression and Course Map**

**FIT2032**

**Prerequisites**

- Must be aware of the pre-requisites for your course – major

**FIT3045**
Pre-requisites – All Applicants

Must be achieved before placement (not before applying)

- Must have at least 72 credit points of study accumulated towards a Faculty of Information Technology undergraduate degree.
- Must have at least 60 points of Faculty of Information Technology units (FIT and MAT coded units)
- Completed FIT2108 Industry Based Learning seminar (Semester 1, 2019)
- WAM of 65+
- Full-time for the 2 semesters before you are placed (exceptional cases assessed by IBL Director)

PLUS – the pre-requisites for the IBL units relevant to your degree

Pre-requisites – Bachelor of Information Technology

- One of:
  - FIT1045 Algorithms and programming fundamentals in Python
  - FIT1048 Fundamentals of C++,
  - FIT1051 Programming fundamentals in Java
- FIT1049 IT Professional Practice
- Business Information Systems major students must complete FIT1013 IT for Business
Pre-requisites – Bachelor of Computer Science

Bachelor of Computer Science
- FIT1045 Algorithms and programming fundamentals in Python
- FIT1049 IT Professional Practice

Bachelor of Computer Science (Advanced)
- FIT1045 Algorithms and programming fundamentals in Python
- FIT2083 Research methods in Computer Science

Pre-requisites – Bachelor of Engineering (Software Engineering)

- ENG1003 Engineering mobile apps
- Professional development skills via your CPD program
General Placement requirements & Important notes

- Summer unit (highly recommended) and/or overload before or after IBL placement
  - Why? Placement = 3 units can’t do a 4th while on placement to complete a full semester's work
- Completion of at least first 3 semesters of your degree
- Placements interrupt part-time work arrangements, so please plan for this
- Shorter vacations when you are on placement
- Students are not placed in their final semester when their final semester is Semester 2

Placements

- You will usually be placed in the 2nd or 3rd year of your degree
- Only in **exceptional circumstances** are students placed in their final semester if it is in Semester 2
- Full-time placement for 23 weeks with five break days versus 12 week semester
- Placements are from:
  - Early January to Late June
  - Early July to Late December

<table>
<thead>
<tr>
<th>Degree</th>
<th>No. of placements</th>
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<tbody>
<tr>
<td>BInfoTech – BIS major</td>
<td>Up to 2 placements</td>
</tr>
<tr>
<td>BInfoTech – SD major</td>
<td>Up to 2 placements</td>
</tr>
<tr>
<td>BInfoTech – All other majors</td>
<td>Up to 1 placement</td>
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<tr>
<td>BCompSci</td>
<td>Up to 1 placement</td>
</tr>
<tr>
<td>BCompSci (Advanced Honours)</td>
<td>Up to 1 placement</td>
</tr>
<tr>
<td>BSoftwareEng</td>
<td>Up to 1 placement</td>
</tr>
<tr>
<td>Most IT Double Degrees</td>
<td>Up to 1 placement</td>
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Our Peer Mentor Program – essential part of IBL Program

All IBL applicants are required to apply for the Peer Mentor Program as part of the IBL application process. All applicants may not be accepted depending on student numbers.

Course Advice

- Please ensure that you follow your IBL course map and complete the required units before placement
- It is your responsibility to ensure that an IBL placement fits into your course map – please see a Course Adviser before Semester 2 starts if you are unsure about this
- POOR PLANNING COULD LEAD TO YOU NOT BEING ABLE TO FIT A PLACEMENT INTO YOUR COURSE
- Eligible students will be required to make an appointment with their Course Adviser early in Semester 1, 2019 to finalise their placement period regardless of whether they have seen a Course Adviser before
Next steps

- Read your student email regularly
- Submit application when you receive email
- Consider a part-time job to demonstrate a work ethic
- Participate in field trips to industry partners in second semester of first year
- Pass all units and obtain at least 65% average

Just in case you missed it ....

*Please check your email daily so you don’t miss any deadlines*

*... and so miss the opportunity to take part in the IBL program.*
For all FIT degrees there is an IBL version
- Which includes an IBL sized hole (3 consecutive units)
Get one from the FIT front counter
Before finalising second semester units
- With a Course Advisor fill out as much of the map as you can
- Even in Year 1 semester 2 you can make choices that will prevent a placement being possible
- Difficulties with pre-reqs and units only offered in one semester etc. can cause unexpected problems you may not spot
If you make any additions/changes to your map during your degree
- Get it rechecked by an expert Course Map Adviser
### Summary of Restrictions Prior to Placement

- Must be full time for the 2 semester preceding the placement
- Cannot be done in your final semester if it’s semester 2
- Attendance at all FIT2108 Seminars is a pre-req
- Must have 72 credit points including 60 FIT or MAT coded points
- WAM $\geq 65$ before entry interview and before placement
- Must have completed all IBL unit (FIT2032/3045) Pre-reqs relevant to your degree