Fourth Year Induction (2021/22)

Prof. Crawford Revie (CS/SE Fourth Year Adviser)

Dr. Karen Renaud (CS408 - Final Year Project)

Dr. John Levine (Undergraduate Director)

(13/09/2021)

As we get started…

- I plan to **record** this session, for any who may not have been able to join live…

- Please mute your microphone and use the 'raise hand' icon when you would like to ask a question / make a comment

- You can also use the **chat box** to post a question to the group (or to a specific attendee on the call)

Fourth year has a **big** impact on your final degree classification

It is essential that you let us know of <u>any</u> circumstances that affect your studies as soon as possible

Degree Classification

- **Honours**
  - ¾ Level 4 classes, ¼ Level 3 classes
  - Each level credit is the weighted mean of first attempts
  - CS408 Individual Project is *Level 4* and accounts to 40 out of the 120 Level 4 credits, i.e. 25% of your degree classification!

- **MEng**
  - ¾ Level 5 classes, ¼ Level 4 classes
  - Each level credit weighted mean

Fourth year is different to other years

(and as with the 2020/2021 year, is likely to be more so due to on-going COVID restrictions)

Academic Year

- Following a few successful trial years, teaching of CIS classes will be in <u>both</u> Semesters 1 and 2, with the individual project (CS408) running over the full year

- Exams (where present) for each CIS class will take place at the end of the semester in which it was taken

- In earlier years, Semester 2 was exclusively dedicated to the project; now your engagement with **CS408** should already have started!!

Curriculum (1)

- Honours – 120 credits (you need them all to graduate)
  - CS408 Individual Project – 40 credits
  - CS4XX Computer Science/Software Eng. – 80 credits (that's 4 x 20 credit classes)
  - You are awarded the credits if you pass these
    - For the 80 credit "super-class" you pass, if your credit weighted mean of the four classes is 40% or more
  - Software Engineering students also carry the CS415 Industrial Placement – 20 credits from last year
- MEng – 140 credits (either 'pass' if you have them all, or 'may proceed' otherwise)
  - CS408 Individual Project – 40 credits
  - CS4XX Computer Science – 80 credits (that's 4 x 20 credits for 'super-class')
  - CS416 Industrial Placement 1 – 20 credits

With the exception of the project (CS408) you don't pass/fail each class individually, rather all four 20 credit (Level 4) classes are considered as a group ('super-class')

Curriculum (2)

- CIS classes available (20 credits each)

  (see *MyPlace* pages for assignment/exam breakdowns for Sem 1)
  - **CS407** Computer Security (Sem 1)
  - **CS409** Software Architecture and Design (Sem 1)
  - **CS410** Advanced Functional Programming (Sem 1)
    - You <u>must</u> have passed CS316 Functional Programming to take this class
  - **MS418** Project Management (Sem 1)
  - **CS411** Theory of Computation (Sem 2)
  - **CS412** Information Access and Mining (Sem 2)
  - **CS414** Digital Forensics (Sem 2)

- For classes that have exams, these will be held in the <u>same</u> semester

Curriculum (3)

- CS Hons/MEng
  - **CS407 is compulsory**
  - Choose 3 more from those on the previous slide

- SE Hons
  - **CS407 and CS409 are compulsory**
  - Choose 2 more from those on the previous slide

We suggest that the **ideal break-down** of modules across the two semesters is **2:2**

However, to give a little more flexibility / choice we are prepared to offer the option of a **3:1 split**, with a 'health warning' around the likely work-load in Semester 1

We strongly discourage a **1:3 split**. This structure will only be supported in exceptional circumstances. If you are in the situation where you feel that this is your only option you must email the 4th year tutor and also get your project supervisor to indicate that she/he is aware of and supports this request

Check that you have the correct curriculum

Request a curriculum amendment through *Pegasus*, any change in choices must be made before the end of the second week of the semester

CS408 – Individual Project

over to **Karen**...

Semester 1 timetable ('odd' weeks)

	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5
Mon							MS418	MS418
Tue		CS410 Sync	CS409 Sync	CS407 Sync		CS407 Sync	CS410 Lab*	CS410 Lab*
Wed								
Thur	CS409 Sync◊	CS409 Lab*	CS410 Lab*					
Fri								

* All **lab** sessions are *synchronous*   ◊ This session is optional to provide extra support

Semester 1 timetable ('even' weeks)

	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5
Mon							MS418	MS418
Tue		CS410 Sync	CS409 Sync	CS407 Sync		CS407 Sync	CS410 Lab*	CS410 Lab*
Wed								
Thur	CS409 Sync◊	CS409 Lab*	CS410 Lab*					
Fri		On-campus sessions						

* All **lab** sessions are *synchronous*   ◊ This session is optional to provide extra support

On-campus plans…

- There have been various emails sent out over the past few weeks regarding plans for **on-campus teaching during Semester 1**

- It would be useful if you could respond to a **simple poll** that I am about to share to get a sense as to how clear you are about those plans

On-campus sessions in Semester 1

over to **John**…

Never too early to think about what are you going to do **after you graduate**

Careers

- Career Services have created a video to which you can find a link on the 4ᵗʰ Year *Noticeboard* page

- Consider our award/prize sponsors
  - Bridgeall - https://bridgeall.com/
    - Sponsor of the Babbage Prize

  - Leidos - https://www.leidos.com/company/global/uk-europe
    - Sponsor of the Honour and MEng Andrew McGettrick Prizes

  - Verint - https://www.verint.com/
    - Sponsor of the Best Project Presentation Award

Make sure that you are aware of the University policy on course-work **lateness**

10% lateness penalty on the first 24 hours, 5% per subsequent day

Some exemptions apply (e.g. large projects, group assignments, etc.)

The academic year doesn't end after your last exam, but on May 22nd

You should be available to be contacted until that date…

We need (ideally, *new*) class reps

2 for CS Hons/MEng and SE

1 CES/Data Analytics for all years

A new system to facilitate this remotely should now be in place.

Please be thinking about this and/or making gentle hints to some of your fellow students who you think would be good for the job.

Questions?