

Fourth Year First Day Meeting

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CS, SE, BIS 4th Year Adviser of Studies

- * CS408 Individual Project (40 credits)
- * CS4XX Computer Science/Software Engineering/Business Information Systems, etc (80 credits)
 - * CS409 Software Architecture and Design - 40%-60%
 - * CS410 Advanced Functional Programming - 100%
 - * CS411 Theory of Computation - 30%-70%
 - * CS412 Information Access and Mining - 30%-70%
 - * CS413 Embedded Systems - 40%-60%
 - * CS414 Digital Forensics - 40%-60%
- * CS416 Industrial Placement 1

- * **You should register as soon as possible!**
- * **Check that your curriculum is correct!**

- * You can change your curriculum in the first couple of weeks!

CS Classes 2015/16

* Honours award

- * CS, BIS, CSL: 480 credits at least 200 at levels 3 & 4 and at least 100 at level 4 including CS408
- * SE: 500 including CS415 (placement)

* Meng progress

- * 480 credits including CS408 and normally CS416 (placement) + performance

* Classification

- * First attempt of all classes at level 3 & 4
- * $\frac{3}{4}$ - level 4 & $\frac{1}{4}$ - level 3 of credit weighted means

- * You need a project mark of at least 40% and an overall level 4 classes mark of at least 40% to get all level 4 credits!

Award & Progression

- * 1 credit = 10 hours of work including contact and revision
 - * 4 x 20 credit classes = 800 hours of work
 - * 40 credit project = 400 hours of work (typically more!!)

- * Semester 1 - 600+ hours
 - * Teaching - weeks 1-12
 - * Class work - weeks 1-12 plus revision week and January
 - * **Project extra work!**

- * Semester 2 - 600 hours
 - * Project - weeks 1-10
 - * Revision - weeks 11 (partly) & 12 plus Easter Break
 - * Probably no revision week!

- * **The year does not end until May 27th** (external examiner meeting)

Workload

Coursework Deadlines			
Week 2	Friday	CS410	Assignment 1
Week 4	Wednesday	CS411	Assignment 1
	Friday	CS412	Indexing Dataset
Week 5	Wednesday	CS413	Assignment Phase 1
	Friday	CS410	Assignment 2
Week 6	Friday	CS409	Assignment 1
Week 7	Monday	CS411	Assignment 2
	Friday	CS414	Assignment 1
Week 8	Monday	CS408	Project Scope & Outline Plan
	Friday	CS412	Project Design
Week 9	Friday	CS410	Assignment 3
Week 10	Wednesday	CS411	Assignment 3
Week 11	Friday	CS412	Project Demo
Week 12	Monday	CS409	Class Test
	Wednesday	CS408	Project Specification, Plan, Poster & Poster Day
	Friday	CS410	Assignment 4
Week 13	Friday	CS412	Project Report
January Exam Diet			
Week 15	Monday	CS414	Assignment 2
	Wednesday	CS413	Assignment Phase 2
	Friday	CS410	Assignment 5
May Exam Diet			
		CS410	Assignment 6

- * Project is important and involves a lot of work!
 - * 40 credits means 1/3 of level 4, i.e. 1/4 of degree classification
- * 40 credits means 400 hours of work (typically more)
 - * Over 10 weeks means 40 hours a week!
 - * Beware of complacency and maintaining motivation!
 - * You really need to know what you are doing from the start
 - * Time is too short to deal with problems while still exploring the area!
 - * Otherwise, significant amount of work is required in semester 1
 - * 20 credits in semester 2, means about 15 hours a week for it, i.e. at least 150 hours of project work in semester 1
 - * In all cases some serious work needs to be done in semester 1!

CS408 Individual Project (1)

- * Alex Coddington & Ian Ruthven are responsible for the project
- * Check the MyPlace page for the details
- * Three types of project each with each own marking scheme
 - * Software development-based
 - * Experimentation-based
 - * Experimentation-based with significant software development
- * Marking process involving at least two members of staff

CS408 Individual Project (2)

Semester 1

21/9: Project Offerings Available

16/10: Project Choices Due

Speak to the supervisors!

23/10: Project Allocation Available

9/11: Project Scope & Outline Plan Due

Have you started work on your project?

9/12: Project Poster Day &
Specification/Plan/Poster Due

Are you ready to tackle the project in
semester2?

Have you done your background
research?

Both literature & technologies involved

Do you have clear requirements and
detailed plan?

What issues are you going to tackle head
on in semester 2?

Semester 2

5/2: Project Progress Report 1 Due

Have you identified your system
architecture?

Have you identified your verification &
validation strategy and started applying
the techniques?

Do you have an evaluation plan?

4/3: Project Progress Report 2 Due

Have you started working on your final
report?

30/3: Project Report Submission Due

11/4: Project Paper Report Submission Due
(*extended project submission*)

20/4: Project Demo Day

29/4: Late Project Submission Deadline

Lateness penalty of 10% per week

CS408 Individual Project (3)

- * Project Choices
 - * You should appreciate what a project involves before choosing it!
 - * Talk to the member of staff that suggested!
 - * You need to choose project suggested by at least 3 members of staff!
 - * Disclaimers
 - * We try our best but cannot guarantee that you get one of your choices!
 - * All options are fair game!
 - * Another member of staff may end up supervising the project!

- * Most deliverables are mainly but not exclusively for you & your supervisor
- * Posters are primarily for the second marker
- * Demos are for both markers, plus industrial visitors

- * All feedback is through MyPlace

- * The report is really important for the marking (compare against the marking schemes), plus it is the only thing that a third marker will see!

CS408 Individual Project (4)

- * Project Log Book and Version Control
 - * Either or both may be requested as part of the assessment!
 - * In the log book should basically capture your thinking, record what you have tried and achieved, plus note any alternatives you considered
 - * Use them both regularly as part of your daily work routine!
- * Ethics Considerations
 - * Any work involving human subjects requires ethics approval (e.g. questionnaires, user evaluations, etc)
 - * Ethics approval should be request prior to the work by Marc Roper
- * Project Lab (Baird Lab) - LT14.14

CS408 Individual Project (5)

- * Lectures: Thursdays 15:00-16:00 in TG314
 - * Weeks 2, 4, 6, 8, 10
 - * Week 2: Thursday, October 1 - Alex Coddington & Ian Ruthven - Project introduction, overview and advice
 - * Week 8: Thursday, November 12 - Claire Daverin, Bailie Gifford - Agile project management
 - * Other topics: Referencing, Evaluation and ethics, Experimental techniques, Writing project reports, etc.

CS408 Individual Project (6)

Class Representatives

- * 2 for CS/SE
- * CSL (1 for all years)
- * BIS (1 for all years)
- * MCS (1 for all years)
- * Nominations by email until Friday 25 September at 17:00!
- * Election if necessary, next week

Awards & Prizes

- * Babbage Prize sponsored by Bridgeall
(<http://www.bridgeall.com/>)
- * Andrew McGettrick Prize sponsored by Lockheed Martin
(<http://civil.lockheedmartin.co.uk/>)
- * Best project presentation award sponsored by KANA Verint
(<http://www.kana.com/>)

General Issues

Careers Service Talk

* Wednesday at 13:00 in
GH554

Departmental Careers Fair

* Wednesday 18 November

Careers Events