# Introduction to Informatics Year 2

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# Welcome to Informatics 2!

Today, briefly:

- Which courses will I take?
  - Required
  - Outside
- Similarities and differences to year 1
  - course structure
  - requirements for passing, progression
- Support and contacts
- Class representatives

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Details in the UG2 Handbook: Read it!
http://web.inf.ed.ac.uk/infweb/student-services/ito/
students/year2
These slides will be linked on the handbook.

# UG2 Informatics Courses

First semester

- Inf 2A: Processing Formal and Natural Languages (20pts)
- Inf 2C: Introduction to Computer Systems (10pts)
- Inf 2C: Introduction to Software Engineering (10pts)
- Discrete Mathematics and Mathematical Reasoning (20pts; Inf)

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Second semester

- Inf 2B: Algorithms, Data Structures (20pts)
- Inf 2D: Reasoning and Agents (20pts)
- Probability with Applications (20pts; Maths)

# Compulsory Courses According to Degree

|          | Inf2A | Inf2B | Inf2C | Inf2D | maths | other |
|----------|-------|-------|-------|-------|-------|-------|
| AI       | X     | X     |       | X     | both  |       |
| CS or SE | X     | X     | X     |       | both  |       |
| AI & CS  | X     | X     | X     | X     | both  |       |
| CogSci   | X     | ?     |       | ?     | one   | PPLS  |

- Other joint degrees: variable
- Details in DPTs:
  http://www.drps.ed.ac.uk/18-19/dpt/drps_inf.htm

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**Strategy 2:**

- Look for something different you are interested in.
- Check the course is in the right semester and fits your timetable.
  - a handy list: `http://homepages.inf.ed.ac.uk/imurray2/pt/outside_courses.html` or Google "Informatics outside courses"
- Discuss with your Personal Tutor if unsure.

# Similarities to year 1

All courses have both lectures and tutorials.

- Independent study time is important for revising lecture materials, reading textbooks, and working through exercises <span style="color:red">before</span> tutorials.
- Over the semester, roughly 4 hours of self-study per hour of lecture (includes revision, tutorial exercises, coursework, etc)
- Build consistent weekly study time into your schedule.

# Differences to year 1

All courses have assessed coursework.

- Inf2c courses: 60% Exam and 40% Coursework
- Other Inf2 courses: 75% Exam and 25% Coursework
- DMMR and PwA: 85% Exam and 15% Coursework

# Passing criteria

The following courses require 40% marks overall (exam+coursework):

- INF-2A - Processing Formal and Natural Languages
- INF-2B - Algorithms, Data Structures, Learning
- INF-2D - Reasoning and Agents
- DMMR - Discrete Mathematics and Mathematical Reasoning

The following courses require 40% overall(exam+coursework) *AND* 40% in exam:

- INF-2C - Introduction to Computer Systems
- INF-2C - Introduction to Software Engineering

# Coursework and time management

Courseworks are important for learning/assesing practical skills.
BUT there is also other material to learn.

- Look over all cw deadlines right now, and check again when any are announced—don't wait till the last minute.
- Study material as it comes—this will make cw much easier.
- Do not spend all your semester time just doing cw. Tutorial exercises and revision are crucial for exams.

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- Backup failure, competing deadlines, etc. are not good reasons.
- DO NOT email the course lecturer or course organizer directly.

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See details: `http://web.inf.ed.ac.uk/infweb/student-services/ito/admin/coursework-projects/late-coursework-extension-requests`

# Progression to 3rd Year Honours

To progress to 3rd year honours, you must:

- Pass all compulsory courses
- Joint degrees (e.g. Cog Sci, CS& Mgmt, CS & Phys) may have stricter requirements (like pass with a certain mark.)
- See Degree Programme Tables for details.

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- UG2 Handbook on Informatics web pages

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- Gather student complaints, comments, and suggestions on all aspects of the year, incl course content, delivery, and administration.
- Alert relevant staff (course lecturer, course organiser or ITO) to any issues.
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- VOLUNTEERS ?