Introduction to Informatics Year 2

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UG2 Year Organiser

17th September 2018
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

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.
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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)**
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)

Second semester

- Inf 2B: Algorithms, Data Structures (20pts)
- Inf 2D: Reasoning and Agents (20pts)
- Probability with Applications (20pts; Maths)
## Compulsory Courses According to Degree

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<tr>
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<th>Inf2A</th>
<th>Inf2B</th>
<th>Inf2C</th>
<th>Inf2D</th>
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- Other joint degrees: variable
- Details in DPTs:
  
  http://www.drps.ed.ac.uk/18-19/dpt/drps_inf.htm
Choosing outside courses

Strategy 1:
- Take the other Inf2 courses for additional flexibility later.
- Inf2D is important if you are considering changing to MInf.
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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](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 before 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/assessing 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.
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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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Student reps (TBD): Concerns about courses/year structure.
Year organiser: myself (rsarkar@inf.ed.ac.uk)
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Help staff and the University to improve teaching, learning, assessment and academic services.
No more than 2 hrs/week during semester times.
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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.
- Attend a one-hour meeting at 1pm every Wednesday during semester: discussion and feedback with staff (DoT, ITO, SSLC) or EUSA training.
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**VOLUNTEERS?**