Introduction to Informatics Year 2

Rik Sarkar
rsarkar@inf.ed.ac.uk

UG2 Year Organiser

16th September 2019
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.
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.
UG2 Informatics Courses

Full year

- Inf 2-IADS: Informatics 2 - Introduction to Algorithms and Data Structures (20pts) [Starts in week 2 for 2019]
UG2 Informatics Courses

Full year
▶ Inf 2-IADS: Informatics 2 - Introduction to Algorithms and Data Structures (20pts) [Starts in week 2 for 2019]

First semester
▶ Inf 2C: Introduction to Computer Systems (20pts)
▶ Inf 2C: Introduction to Software Engineering (10pts)
▶ Discrete Mathematics and Mathematical Reasoning (20pts; Inf)
UG2 Informatics Courses

Full year
- Inf 2-IADS: Informatics 2 - Introduction to Algorithms and Data Structures (20pts) [Starts in week 2 for 2019]

First semester
- Inf 2C: Introduction to Computer Systems (20pts)
- Inf 2C: Introduction to Software Engineering (10pts)
- Discrete Mathematics and Mathematical Reasoning (20pts; Inf)

Second semester
- Inf 2B: learning (10pts)
- Inf 2D: Reasoning and Agents (20pts)
- Probability with Applications (20pts; Maths)
## Compulsory Courses According to Degree

<table>
<thead>
<tr>
<th></th>
<th>Inf2-IADS</th>
<th>Inf2B</th>
<th>Inf2C</th>
<th>Inf2D</th>
<th>maths</th>
<th>other</th>
</tr>
</thead>
<tbody>
<tr>
<td>AI</td>
<td>X</td>
<td>X</td>
<td></td>
<td>X</td>
<td>both</td>
<td></td>
</tr>
<tr>
<td>CS or SE</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td></td>
<td>both</td>
<td></td>
</tr>
<tr>
<td>AI &amp; CS</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>both</td>
<td></td>
</tr>
<tr>
<td>CogSci</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td>one</td>
<td>PPLS</td>
</tr>
</tbody>
</table>

- Other joint degrees: variable
- Details in DPTs:
  
  [http://www.drps.ed.ac.uk/19-20/dpt/drps_inf.htm](http://www.drps.ed.ac.uk/19-20/dpt/drps_inf.htm)
Choosing outside courses

Strategy 1:

▶ Take the other Inf2 courses for additional flexibility later.
▶ Inf2D may be important if you are considering changing to MInf.
Choosing outside courses

Strategy 1:
▶ Take the other Inf2 courses for additional flexibility later.
▶ Inf2D may be important if you are considering changing to MInf.

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 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 (CS and SE): 60% Exam and 40% Coursework
- Inf2b and inf2d: 75% Exam, 25% Coursework
- Inf2-IADS and PwA: 80% Exam and 20% Coursework
- DMMR: 85% Exam and 15% Coursework
The following courses require 40% marks overall (exam+coursework):

- INF-2-IADS - Introduction to Algorithms and Data Structures
- INF-2B - Learning
- INF-2D - Reasoning and Agents
- DMMR - Discrete Mathematics and Mathematical Reasoning

The following courses require 40% overall (exam+coursework) <b>AND</b> 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.
Informatics coursework policies

Late submission policy:
5% will be deducted per calendar day. Upto 7 days. Then you will be disqualified.
Unless you have a reason for extension.

You must do so in advance unless impossible.
You must have a good reason, e.g., significant illness, serious personal issues.
Backup failure, competing deadlines, etc. are not good reasons.
DO NOT email the course lecturer or course organizer directly.
See details:
Informatics coursework policies

Late submission policy:
5% will be deducted per calendar day. Upto 7 days. Then you will be disqualified.
Unless you have a reason for extension.

Extensions may be requested via the ITO contact form.

▶ You must do so in advance unless impossible.
▶ You must have a good reason, e.g., significant illness, serious personal issues.
▶ Backup failure, competing deadlines, etc. are not good reasons.
▶ DO NOT email the course lecturer or course organizer directly.

Informatics coursework policies

Late submission policy: 5% will be deducted per calendar day. Upto 7 days. Then you will be disqualified. Unless you have a reason for extension.

Extensions may be requested via the ITO contact form.

- You must do so in advance unless impossible.
- You must have a good reason, e.g., significant illness, serious personal issues.
- Backup failure, competing deadlines, etc. are not good reasons.
- DO NOT email the course lecturer or course organizer directly.

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.
Contacts and Support

- ITO: Course admin (such as tutorials), general enquiries; located in Appleton tower (Kendal Reid is UG2 secretary)
Contacts and Support

- ITO: Course admin (such as tutorials), general enquiries; located in Appleton tower (Kendal Reid is UG2 secretary)
- Tutors, Course lecturers: Questions/feedback on course materials/organization.
Contacts and Support

- ITO: Course admin (such as tutorials), general enquiries; located in Appleton tower (Kendal Reid is UG2 secretary)
- Tutors, Course lecturers: Questions/feedback on course materials/organization.
- InfBase: Help with exercises, concepts; (in labs at times TBD)
Contacts and Support

- ITO: Course admin (such as tutorials), general enquiries; located in Appleton tower (Kendal Reid is UG2 secretary)
- Tutors, Course lecturers: Questions/feedback on course materials/organization.
- InfBase: Help with exercises, concepts; (in labs at times TBD)
- Student reps (TBD): Concerns about courses/year structure.

Year organiser: myself (rsarkar@inf.ed.ac.uk)

UG2 Handbook on Informatics web pages
Contacts and Support

▶ ITO: Course admin (such as tutorials), general enquiries; located in Appleton tower (Kendal Reid is UG2 secretary)
▶ Tutors, Course lecturers: Questions/feedback on course materials/organization.
▶ InfBase: Help with exercises, concepts; (in labs at times TBD)
▶ Student reps (TBD): Concerns about courses/year structure.
▶ Year organiser: myself (rsarkar@inf.ed.ac.uk)
Contacts and Support

- ITO: Course admin (such as tutorials), general enquiries; located in Appleton tower (Kendal Reid is UG2 secretary)
- Tutors, Course lecturers: Questions/feedback on course materials/organization.
- InfBase: Help with exercises, concepts; (in labs at times TBD)
- Student reps (TBD): Concerns about courses/year structure.
- Year organiser: myself (rsarkar@inf.ed.ac.uk)
- UG2 Handbook on Informatics web pages
Class Representatives

Help staff and the University to improve teaching, learning, assessment and academic services.
No more than 2 hrs/week during semester times.
Help staff and the University to improve teaching, learning, assessment and academic services.

No more than 2 hrs/week during semester times.

- Attend training sessions offered by EUSA.
- 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.
Class Representatives

Help staff and the University to improve teaching, learning, assessment and academic services. 
No more than 2 hrs/week during semester times.

▶ Attend training sessions offered by EUSA.
▶ 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.
▶ VOLUNTEERS?