Introduction to Informatics Year 2

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Welcome to Informatics 2!

Today, briefly:

• Which courses will I take?
  • Required courses
  • Outside courses

• Similarities and differences to year 1
  • Course structure
  • Requirements for passing, progression

• Support and contacts

Details in Taught student Intranet:

https://web.inf.ed.ac.uk/infweb/student-services/taught-students/information-for-students/information-for-all-students

These slides will be linked on the welcome page:
https://web.inf.ed.ac.uk/infweb/student-services/taught-students/information-for-students/information-for-continuing-students/welcome-week-programme
UG2 Informatics courses

Full year:
• Inf 2-IADS: Informatics 2 – introduction to Algorithms and Data Structures (20pts)
• Informatics 2 – Foundations of Data Science (20pts)

Semester 1:
• Inf 2C – Introduction to Computer Systems (20pts)
• Discrete mathematics and probability (20pts)

Semester 2:
• Informatics 2- Introduction to Software Engineering and Professional Practice (20pts)
• Informatics 2D – Reasoning and Agents (20pts)

Note: Informatics 2 curriculum had been significantly revamped and updated in 2020. Courses are different from years before that.
## Compulsory courses

<table>
<thead>
<tr>
<th>Degree</th>
<th>INF2-IADS</th>
<th>INF2-FDS</th>
<th>INF2C-CS</th>
<th>DMP</th>
<th>INF2-SEPP</th>
<th>INF2D</th>
<th>other</th>
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</thead>
<tbody>
<tr>
<td>AI</td>
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- Other joint degrees have variable requirements
- See details in DPTs: [http://www.drps.ed.ac.uk/22-23/dpt/drps_inf.htm](http://www.drps.ed.ac.uk/22-23/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.

Strategy 2
• Look for something different you are interested in.
• A list of common outside courses at:
  • 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

• **New in 2021:** Veterinary School UG Courses now available as elective (e.g. food security, food futures and related subjects.) Talk to your PT for a concession.
Similarities to year 1

• Build consistent weekly study time into your schedule.

• Schedule Independent study time to
  • Revise lecture materials
  • Read textbooks
  • Work through exercises *before* tutorials.

• Over the semester, roughly 4 hours of self-study per hour of lecture
  (includes revision, tutorial exercises, coursework, etc)
Differences to year 1

- All courses have assessed coursework

<table>
<thead>
<tr>
<th>Course</th>
<th>Coursework/Exam split</th>
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<tbody>
<tr>
<td>Inf2-IADS (S1, S2)</td>
<td>40/60</td>
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<tr>
<td>Inf2-FDS (S1, S2)</td>
<td>100/0</td>
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<tr>
<td>DMP (S1)</td>
<td>60/40</td>
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<tr>
<td>Inf2C-CS (S1)</td>
<td>50/50</td>
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<tr>
<td>Inf2-SEPP (S2)</td>
<td>100/0</td>
</tr>
<tr>
<td>Inf2D (S2)</td>
<td>30/70</td>
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Passing criteria

• Get 40% overall mark: exam + coursework
Coursework and time management

• Do not spend all your time on the immediate coursework
• Non-coursework material is also important, study them
  • Schedule regular short review sessions. Schedule longer study sessions as needed.
  • Keep up with class and tutorials as they come
  • Important in exams and later courseworks
• Keep track of coursework deadlines. Set personal deadlines and slots for the subparts.
• Some courses have regular short courseworks. Set regular times for them
• Set times in your calendar to work on courseworks
  • Worrying over uncertain coursework without a plan for the next step is a source of stress
  • Have a realistic plan
  • Schedule times to work next bits
  • Carry out short reviews to adjust plans
Attend lectures and tutorials

• Even if you don’t enjoy it or don’t entirely get it.
• It gives you good detailed overview of what is in the course.

• You have to take a first look sometime. Do it now and be done.
• Saves the pain of forcing yourself to find the time for it later
Late submission policy

5% will be deducted per calendar day upto 7 days.
• Unless you have a reason for an extension

• Extensions may be requested via the ITO following instructions in the link below.
  • You must do so in advance, unless impossible
  • You must have a good reason. Eg. Significant illness, serious personal issues
  • Backup failures, competing deadlines etc are not good reasons
  • DO NOT email course lecturer or course organiser for extensions
  • Extensions are usually limited to 7 days

• See details and extension form here: https://web.inf.ed.ac.uk/infweb/student-services/taught-students/information-for-students/information-for-all-students/your-studies/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 etc) may have stricter requirements.

• See DPT or “progression guidance” for details.
Contact and support

- ITO: Course admin (such as tutorials), general enquiries; located in Appleton tower (Kerry Fernie is UG2 secretary, kerry.fernie@ed.ac.uk)
- Tutors, Course lecturers: Questions/feedback on course materials/organization.
- InfBase: Help with exercises, concepts; (in labs at times TBD)
- Class reps (TBD): Concerns about courses/year structure.
- Year organiser: myself (rsarkar@inf.ed.ac.uk)
- Taught student Intranet on Informatics 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.
  • We are looking to get representatives from all kinds of preferences. Joint degree students are particularly welcome to sign up.

• 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 each week during semester: discussion and feedback with staff (DoT, ITO, SSLC) or EUSA training.

• VOLUNTEERS?

• Enter your name and id in this form (Slides available in UG2 handbook):
  https://forms.office.com/Pages/ResponsePage.aspx?id=sAafLmkWiUWHiRCgaTTcYV2q8Dnf6wtMmgO0XuFDGlNUMUJZVFlzSUdFNIkE1Qk9SQUtNQUFVWkxGUC4u