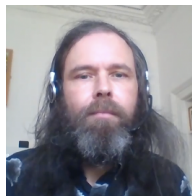


## Inf2-IADS Course Admin

Mary Cryan and John Longley



Tuesday, 17th September, 2024

# Our course structure

Full-year course, running during weeks 1-10 of semester 1 and semester 2.

Our Main Delivery is in-person lectures, front-loaded in each semester:

## Schedule for semester 1:

weeks 1-5 Two in-person content lectures Tuesday 9am and Thursday 11am.

weeks 6-10 One in-person content lecture Tuesday 9am.

## Schedule for semester 2:

weeks 1-5 Two in-person content lectures Tuesday 10am and Friday 1pm.

weeks 6-10 One in-person content lecture Tuesday 10am.

# Tutorials and Labs

**Tutorials:** 5 tutorials each semester, in weeks 3, 4, 6, 8, 10.

- ▶ Each tutorial is 2 hours, taking place in the big studio LG.07 in the 40 George Square Lower Teaching Hub.
- ▶ **First hour** will be collaborative problem-solving/prep with fellow-students, second hour will be listening to presented solutions.
- ▶ Random allocation will be done by Timetabling (pending!).



**Labs:** We will run 1 hour “drop-in” Labs for 10 weeks in total:

- ▶ Coding Algorithms and Data Structures in Python.
- ▶ Weeks 2, 4, and 6, 7, 8 of each semester.
- ▶ There will be 4 1-hour slots each of these weeks, attended by a demonstrator.
- ▶ First few labs based on Python Lab-sheets - sheets 1 and 2 will soon be up on Learn. Go ahead and make a start!

# Coursework

- ▶ 6 short “quizzes” of multiple-choice questions, with deadlines on Mondays of weeks 4, 7 and 11 of both semesters.
  - ▶ Quiz 1 (out Wed of week 3 of s1) is just for practice.
  - ▶ The other 5 quizzes are worth 10% of the course (2% each)
- ▶ coursework 1: Programming coursework involving variants of MergeSort, and also some work on Red-Black trees  
Worth 15%, deadline Friday, week 8, s1.
- ▶ coursework 2: Problem-solving and programming coursework on some optimisation problem  
Worth 15%, deadline Wednesday, week 8, s2.

The remaining 60% comes from the final exam after we finish.

All deadlines (Quizzes and cwks) are strict 12 NOON (ITO policy)

## Course textst

- ▶ “Introduction to Algorithms” by Cormen, Leiserson, Rivest and Stein; 4th edition.
- ▶ Tim Roughgarden’s “Algorithms Illuminated” series.



Other books which are worth looking at (but not course texts) are:  
Sedgewick and Wayne’s “Algorithms” (2016 ed). This one is Java-based.  
Goodrich, Goldwasser and Tamassia’s “Data Structures and Algorithms in Python” (2013)

# Keeping in Contact

All materials and other information will be available from our Learn page  
Piazza forum for the class will be available as a direct link from Learn (pending!).

- ▶ Piazza allows you to discuss and ask questions either in your own name, or under an anonymised “handle”, which ever you prefer.
- ▶ It has functionality to ask “private questions”, only visible to the Lecturers (useful when you have coursework).
- ▶ Myself and John will keep an eye on the forum.

We will also have some “drop-in” hours, TBA (maybe after lectures).

Please ask us questions as you have them.