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# **INF-BIOx121 Documentation**

***Release 1.0***

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NOTE: for other course editions, check out [this website](#).

NOTE The course Wiki, with all important information, is [here](#).

NOTE if you are comfortable with git and github, all material is available from [this github repository](#). Make sure to switch to the 2015 branch.

Material will be added as it comes in.

### **Unix pre-course for people new to the unix command-line**

- content of the [etherpad](#)

### **Intro to High Throughput Sequencing & Applications and Principles and problems of HTS data analysis**

- schedule of what was discussed, with links [web pdf](#)
- slides [pptx](#)
- the basic skills we want you to learn [pptx](#)
- content of the [etherpad](#)

### **Experimental design**

- lecture slides [pptx](#)
- etherpad content is in the one linked to above

### **Quality control of sequencing reads**

- Exercises [web pdf](#)
- etherpad content is in the one linked to above

### **Mapping and variant calling**

- slides part 1 [pdf](#)
- slides part 2 [pdf](#)
- scripts and other files used during the practicals are [here](#)
- content of the [etherpad](#)

### **Galaxy**

- slides [pdf](#)

### **De novo genome assembly**

- start [here](#)

### **How to become an efficient bioinformatician**

- program `Bioinformaticians_day/index`

### **RNA seq: differential expression analysis**

- slides part 1 [pdf](#)
- slides part 2 [pdf](#)
- slides part 3 [pdf](#)

### **Statistical genomics**

- slides [pdf](#)
- reproducibility exercise [variant A variant B](#)