

HUMAN FUNCTIONAL MORPHOLOGY 304 CONTACT HOURS AND COMPONENTS OF THE COURSE

We are operating a mentoring scheme where 3rd year students will act as the tutors and demonstrators for 2nd year students in their Human Functional Anatomy 213 (ANHB2213) lab classes. There are a number of very good educational reasons that should make this a very beneficial experience for both groups of students. To begin with, the 2nd year students will benefit from your knowledge and experience, and the 3rd years students (you) will benefit, not only in developing a very thorough anatomical knowledge, but also in your communication skills. You will be supported every step of the way, both in preparation before the lab class and in the presence of experienced anatomy teachers (Nick Milne, Jason Kiely and Maria Godinho) during the ANHB2213 labs.

LECTURES

Each Tuesday at 1pm there will be a lecture about anatomy. These lectures will address issues related to dissection as well as more advanced topics that relate to and extend the ANHB2213 material. There will also be some talks about research in anatomy. Third year student are also encouraged to attend ANHB2213 lectures (Tue and Wed at 10am) or review them online.

DISSECTING CLASSES

These will be held in the small Dissecting room (G02).

There are two dissecting sessions each week:

- 1. Wednesday 1 to 5pm (1 to 3 or 3 to 5)**
- 2. Friday 10 am to 1 pm (10 to 11:30 or 11:30 to 1pm).**

The Wednesday session will be divided between dissection and a preparation tutorial for the ANHB2213 labs the following day. The students will be divided into the two groups for the Wednesday afternoon classes.

Group 1 – Dissect first (tutorial to follow)

Group 2 – Tutorial first (dissection time follows)

There is some flexibility in the times that you can work at your dissection. It will be possible for you dissect outside class times – but it is best if at least two of your dissecting group are present. Also consideration must be given if there are other classes on in the small dissecting room. **However attendance at the above dissecting sessions is highly recommended** because there will be skilled prosectors available to assist you in your dissections and demonstrate dissecting technique. In addition most of the other 304 students will be present and there will be opportunities to learn from each other about the limb (upper or lower) that you are not dissecting.

In the first half of the semester students will work in groups of two or three to dissect either an upper or a lower limb.

In the second half of the semester students will have a choice:

1. Continue to work in groups to dissect the head and neck
2. Work singularly or in small groups on other projects:
 - a. Spinal anatomy dissections.
 - b. Special dissections of other human regions.
 - c. Comparative anatomy dissections on primates or other animals.

TUTORIALS - Wednesday tutorials

These will be held either in the small dissecting room (G02) or in lecture room G39.

Group 1 students will have their tutorials from 3pm to 5pm

Group 2 students will have their tutorials from 1pm to 3pm

Much of these tutorial sessions will be used as preparation for the ANHB2213 lab classes the following morning. There will be the same wet specimens, models charts and bones that form the basis of the ANHB2213 labs available as well as tutors (Nick Milne, Jason Kiely and Maria Godinho) present to demonstrate what is required in the ANHB2213 labs, namely:

1. Demonstration of the relevant Anatomy.
2. Preparation of some sample lab-test questions
3. Training in giving a viva, where the instructor asks each student in a group a series of questions that start off easy to encourage students in their progress but get gradually harder so as to assess their ability to identify and understand the relevant anatomy.
4. Preparation and practice in delivering tutorials to groups of ANHB2213 students.
5. Preparation and practice in facilitating and assessing student presentations.
6. Maria will be presenting tutorials that cover aspects of communication and teaching skills.

TUTORIALS - Friday tutorials

This part of the course ensures that you fully engage with the anatomy that you are dissecting and also learn about the limb that you are not dissecting.

In them you will spend time consolidating and expanding knowledge gained from dissecting. You will:

1. Explain to other class members what you found in your dissection.
2. Listen to explanations of what others have found.
3. Be tested on your anatomical knowledge (see continuous assessment below)

These are sessions that alternate with Friday dissecting.

Group 1 students will have their tutorials from 10 to 11:30am (and dissect from 11:30 to 1pm)

Group 2 students will have their tutorials from 11:30am to 1pm (and dissect from 10 to 11:30)

Other tutorial sessions will be used for student presentations of their mystery bone PowerPoint presentations.

LABORATORY CLASSES with ANHB2213 students

Lab A - 9am to 10:25am and tutorial/viva 10:25 to 10:45am

Lab B - 11am to 12:25pm and tutorial/viva 12:25 to 12:45pm

Formation of tutor pairs

For working with the ANHB2213 students you will be paired with another ANHB3304 student. You will work with your partner during the Wednesday tutorial and the Thursday laboratory period, you may also be partnered with the same person for dissecting. The formation of these tutor pairs will be based on the complexities of timetabling and clashes, and also on ability (neither two weaker, nor two stronger students will be put together). It is part of your task to work out how to function well as tutoring unit.

Activities in the ANHB2213 lab classes

Demonstrating during the majority of the lab class. You will be in the dissecting room and available to demonstrate and assist the 2nd year students. You can give a “mini lecture” or demonstrate to large groups if you like, but you should only spend short periods of time in these activities because the 2nd years will learn more by handling the specimens and discussing among themselves. Do not fall into the trap of helping them fill the spaces in their lab book – that is not helping!

Tutorial period. In the last 20 minutes of the lab tutor pairs will meet with their tutorial group. These tutorial groups will contain up to ten ANHB2213 students and a pair of 304 tutors. Different activities are planned for these tutorial times:

1. Vivas (5) where the tutors test the ANHB2213 students on the lab material.
2. Tutor presentations (2) where the tutor pairs deliver a tutorial to their tut group and hand out an single sheet of tutorial notes.
3. Student tutorial presentations (4) where the tutor pairs facilitate and assess the tutorials and the tutorial sheets presented by ANHB2213 students.

More details of these activities are given in the assessment section below.