BSc Honours: Neuroanatomy (ANA 713) focuses on the structure of the nervous system, and does not necessarily cover the function, neurohistology, or neuropathology of the nervous system. The content of ANA 713 includes the study the anatomy of the **entire** body, not just the brain / nervous system. Students will be expected to attend full body dissection lectures and practicals and are even required to act as demonstrators during these sessions from day one (hence the benefit of having had anatomy as a Major during your undergraduate studies). The research topics that these students will typically follow will be towards the structure of the nervous system or related components.
Should you wish a I deeper study of the neurology and pathology of the brain, perhaps consider contacting the Department of Physiology regarding an Honours in Human Physiology (MFG 777), which includes a strong Neurophysiology component.

BSc Honours: Macro-anatomy (ANA 717) focuses on clinically applicable anatomy and covers all the regions of the body. The content of ANA 717 includes the study the anatomy of the **entire** body and students will be expected to attend full body dissection lectures and practicals and are even required to act as demonstrators during these sessions from day one (hence the benefit of having had anatomy as a Major during your undergraduate studies). The research topics these students will typically follow will be towards clinically applied anatomy.

Students of both Neuroanatomy and Macro-anatomy will both complete their degree within the Department of Anatomy, University of Pretoria and the general course include the following:

- The completion of 150 practical hours in the department. These usually involve assistance with practicals (any of the courses presented by the department) and dissections (Medical students, Dentistry students and Medical Science students).
- The completion of a research article (this involves the writing of a protocol, the process of obtaining ethical clearance, data collection and writing up of at least a draft article): This will be done under the supervision of lecturers involved in macro-and neuro-anatomy teaching and research. We compile a list of available research topics which is shared with you after acceptance into the program. Topics here are given closer to the time. Usually it involves dissection of a specific area, data collection, measurements etc that is of clinical significance.
- Completion of the TNM 700 as well as biostatistics courses (MBS 700).
- Four module tests on the anatomy of the whole body.
- Four presentations presented by you to the department, these relate to your chosen research project.
- Final examinations at the end of the year, including a research application exam, anatomy theory exam (on the whole body), and a final oral examination. The final oral examination will be presented by you on your research project to an external examiner and members of the department.