Overview

Anatomy is the study of the structure of the human body. The word 'anatomy' is derived from the Greek, and means 'cutting up' or 'dissection'. However, anatomy today is much more than the descriptive study of the dissected body, although dissected specimens are still used for research and instruction. The study of anatomy now embraces separate but strongly related disciplines: gross anatomy deals with the description of form, arrangement and function of the bones, joints, muscles and internal organs, together with their blood and nerve supply; histology deals with the microscopic structure of tissues and cells; embryology is concerned with the normal development of the embryo and fetus from conception to birth and with the mechanisms of development and malformations; neuroanatomy deals with the internal organisation and functions of the brain and spinal cord; biological anthropology involves applying biological principles and approaches to the study of humans & non-human primates.

In all anatomy courses strong emphasis is given to the functional significance of the structures in health and in disease.

A major in Anatomy may be combined with elective courses in Biochemistry, Physiology, Microbiology, Pathology or Psychology.
<table>
<thead>
<tr>
<th><strong>Faculty</strong></th>
<th>Faculty of Medicine</th>
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</thead>
<tbody>
<tr>
<td><strong>School</strong></td>
<td><strong>School of Medical Sciences</strong></td>
</tr>
<tr>
<td><strong>Study Level</strong></td>
<td>Undergraduate</td>
</tr>
<tr>
<td><strong>Minimum Units of Credit</strong></td>
<td>72</td>
</tr>
<tr>
<td><strong>Specialisation Type</strong></td>
<td><strong>Major</strong></td>
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</tbody>
</table>
Available in Program(s)

Program(s) in which this major is available

**Bachelor of Science and Business - BSc&Bus**
*3925 Science and Business*

Faculty: Faculty of Science
Campus: Kensington
Units of Credit: 144
Typical Duration: 3 Years

**Bachelor of Advanced Science (Honours) - BAdvSci(Hons)**
*3962 Advanced Science (Honours)*

Faculty: Faculty of Science
Campus: Kensington
Units of Credit: 192
Typical Duration: 4 Years

**Bachelor of Life Sciences - BLS**
*3966 Life Sciences*

Faculty: Faculty of Science
Campus: Kensington
Units of Credit: 144
Typical Duration: 3 Years

**Bachelor of Science - BSc**
*3970 Science*

Faculty: Faculty of Science
Campus: Kensington
Units of Credit: 144
Typical Duration: 3 Years

**Bachelor of Science (International) - BSc(International)**
*3987 Science (International)*
Faculty: Faculty of Science
Campus: Kensington
Units of Credit: 192
Typical Duration: 4 Years

Read More
**Specialisation Structure**

Students must complete 72 UOC.

**Level 1 Core Courses**

Students must take 24 UOC of the following courses.

- **BABS1201 | 6 UOC**  
  Molecules, Cells and Genes

- **BIOS1101 | 6 UOC**  
  Evolutionary and Functional Biology

One of the following:

- **CHEM1011 | 6 UOC**  
  Chemistry 1A: Atoms, Molecules and Energy

- **CHEM1031 | 6 UOC**  
  Higher Chemistry 1A: Atoms, Molecules and Energy

One of the following:

- **MATH1031 | 6 UOC**  
  Mathematics for Life Sciences

- **MATH1041 | 6 UOC**  
  Statistics for Life and Social Sciences

- **MATH1131 | 6 UOC**  
  Mathematics 1A

- **MATH1141 | 6 UOC**  
  Higher Mathematics 1A

- **MATH1151 | 6 UOC**  
  Mathematics for Actuarial Studies and Finance 1A
Level 2 Core Courses

Students must take 12 UOC of the following courses.

ANAT2111  |  6 UOC
Introductory Anatomy

ANAT2241  |  6 UOC
Histology: Basic and Systematic

Level 2 Prescribed Electives

Students must take at least 12 UOC of the following courses.

ANAT2341  |  6 UOC
Embryology: Early and Systematic Development

ANAT2521  |  6 UOC
Evolution of Human Structure

PATH2201  |  6 UOC
Processes in Disease

PHSL2101  |  6 UOC
Physiology 1A

PHSL2201  |  6 UOC
Physiology 1B

Level 3 Prescribed Electives

Students must complete 24 UOC from the electives listed

ANAT3121  |  6 UOC
Visceral Anatomy

ANAT3131  |  6 UOC
Functional Anatomy of the Head, Neck and Back
ANAT3141 | 6 UOC  
Functional Anatomy of the Limbs

ANAT3411 | 6 UOC  
Neuroanatomy

NEUR3211 | 6 UOC  
Neuroscience Research Seminars

SOMS3232 | 6 UOC  
Cellular Mechanisms of Health and Disease

**Level 3 Recommended Electives**

The following courses are not required but are recommended as good complementary courses for this major when choosing electives:

- NEUR3101 Muscle and Motor Control (6 UOC)
- NEUR3221 Neurophysiology (6 UOC)
- PATH3205 Molecular Basis of Disease A (6 UOC)
- PATH3207 Musculoskeletal Diseases (6 UOC)
- PHSL3211 Cardiovascular Physiology and (6 UOC)
- PHSL3221 Endocrine, Reproductive & Dev. (6 UOC)

**Enrolment Disclaimer**

Unless advised otherwise by your program authority, you should follow the rules for the handbook for the year you commenced your program. You are also responsible for ensuring you enrol in courses according to your program requirements. myUNSW enrolment checks that you have met enrolment requirements such as pre-requisites for individual courses but not that a course will count towards your program requirements.
Additional Information

Honours

Students interested in pursuing Honours in Anatomy should refer to program 4500 I Science (Honours) and the Anatomy Honours handbook entries.

Students in Advanced Science who are interested in pursuing Honours in Anatomy should refer to the Anatomy Honours handbook entry.
Pre-2019 Handbook Editions

Access past handbook editions (2018 and prior)

Pre-2019 Handbook Editions