

2nd Year Human Anatomy Course for 2BS1, 2B01 and 2BPM1

2011-2012 Academic Year

COURSE DESCRIPTION:

The course will run over 2 semesters with 36 hours of lectures per semester and 2 hours of practical time per student academic week.

Lecture times will remain unchanged from previous years, Mondays and Tuesdays 13:00-14:00 and Tuesdays at 11:00am.

Exams and Marks:

Students will have one written exam (2 hours) at the end of each semester that will account for a total of 70% of the module marks. The students will additionally have one practical component at the end of each semester that will account for 30% of the total marks.

Recommended text books:

- Human Anatomy, McGraw-Hill Eds, Michael McKinley and Valerie Dean O'Loughlin.
- Additional aid: Anatomy and Physiology revealed 2.0, An Interactive Cadaver Dissection Experience, McGraw-Hill Higher Education.
- Additional text book for more complete consultation: Gray's Anatomy for Students. Drake, Vogl and Mitchell
- More titles and URL to be added at a later date

Practicals:

Practicals will complement previously given lectures. Students are requested to sign a code of conduct/ethical agreement prior to being granted access to the gross lab/dissection lab. The relevant form is attached at the end of this document, which will be collected on the first day of practicals. Students will be asked to bring a white lab coat for gross lab practicals (with no decoration or graffiti).

Practical sessions will take place Wednesday (10:00-12:00) and Thursdays (11:00-13:00). You will be assigned one of them. The last half an hour of this practical session you will be required to complete a continuous assessment set up in exam conditions. Practical exams are scheduled for Friday 2nd of December 2011 and Friday 13th of April 2012, times will be arranged at a later date according to groups.

Level 1	Level 2	Module Name	ECTS	Sem.	Exam Hrs	No of Exam Papers	Practical Exams
AN202	AN220.I	Human Anatomy I	10	1	2	1	1
	AN220.II	Human Anatomy II	10	2	2	1	1

LECTURES 2009-2010 SEMESTER 1

Wk	Date	Time	Topic	Venue	Lectu
1	05/09/2010	13-14:00	Intro to the 2 nd year anatomy course,	AC201-Arts and Science- Concourse	YG
	06/09/2011	11-12:00	Intro. and Terminology	SC004 - CHARLES MC MUNN THEATRE	YG
	06/09/2011	13-14:00	History of Anatomy (legislation)	UC102 - THEATRE, ARAS UI CHATHAIL	AB
2	12/09/2011	13-14:00	Introduction to cells, tissues and organization of the body	AC201-Arts and Science- Concourse	BW
	13/09/2011	11-12:00	Intro to CNS/ ANS	SC004 - CHARLES MC MUNN THEATRE	SMc
	13/09/2011	13-14:00	Conceptual overview, Surface anatomy	UC102 - THEATRE, ARAS UI CHATHAIL	AB
3	19/09/2011	13-14:00	Respiratory system I: Nasal cavity and nasopharynx	AC201-Arts and Science- Concourse	AB
	20/09/2011	11-12:00	Respiratory system II: Trachea and larynx,	SC004 - CHARLES MC MUNN THEATRE	AB
	20/09/2011	13-14:00	Anterior neck: Thyroid, supra and infrahyoid muscles,	UC102 - THEATRE, ARAS UI CHATHAIL	AB
4	26/09/2011	13-14:00	Respiratory System IV: Lungs and pleura	AC201-Arts and Science- Concourse	AB
	27/09/2011	11-12:00	Cardiovascular I: heart I and mediastinum	SC004 - CHARLES MC MUNN THEATRE	AB
	27/09/2011	13-14:00	Cardiovascular II: heart II	UC102 - THEATRE, ARAS UI CHATHAIL	AB
5	03/10/2011	13-14:00	Cardiovascular III: Great vessels of thorax and abdomen	AC201-Arts and Science- Concourse	AB
	04/10/2011	11-12:00	Cardiovascular IV: Blood supply and drainage to upper and	SC004 - CHARLES MC MUNN THEATRE	AB
	04/10/2011	13-14:00	Cardiovascular V: Blood supply and drainage of head and	UC102 - THEATRE, ARAS UI CHATHAIL	AB
6	10/10/2011	13-14:00	GIT I: Mouth and salivary glands	AC201-Arts and Science- Concourse	PD
	11/10/2011	11-12:00	GIT II: Oesophagus and stomach	SC004 - CHARLES MC MUNN THEATRE	PD
	11/10/2011	13-14:00	Peritoneal cavity I	UC102 - THEATRE, ARAS UI CHATHAIL	PD

Wk	Date	Time	Topic	Venue	Lectur
7	17/10/2011	13-14:00	Peritoneal cavity II	AC201-Arts and Science- Concourse	PD
	18/10/2011	11-12:00	GIT III: Small Intestine, Duodenum	SC004 - CHARLES MC MUNN THEATRE	PD
	18/10/2011	13-14:00	GIT IV: Small Intestine	UC102 - THEATRE, ARAS UI CHATHAIL	PD
8	24/10/2011	13-14:00	GIT: Large intestine	AC201-Arts and Science- Concourse	PD
	25/10/2011	11-12:00	Liver, gall bladder and pancreas	SC004 - CHARLES MC MUNN THEATRE	PD
	25/10/2011	13-14:00	Kidney and adrenals	UC102 - THEATRE, ARAS UI CHATHAIL	YG
9	31/10/2011	13-14:00	October Bank Holiday		
	01/11/2011	11-12:00	Ureter and bladder	SC004 - CHARLES MC MUNN THEATRE	YG
	01/11/2011	13-14:00	Male reproductive system	UC102 - THEATRE, ARAS UI CHATHAIL	DC
10	07/11/2011	13-14:00	Female reproductive	AC201-Arts and Science- Concourse	DC
	08/11/2011	11-12:00	Anatomy of pregnancy and child birth	SC004 - CHARLES MC MUNN THEATRE	DC
	08/11/2011	13-14:00	IVF	UC102 - THEATRE, ARAS UI CHATHAIL	DC
11	14/11/2011	13-14:00	Lymphatic system	AC201-Arts and Science- Concourse	DC
	15/11/2011	11-12:00	Endocrine system I	SC004 - CHARLES MC MUNN THEATRE	DC
	15/11/2011	13-14:00	Endocrine system II	UC102 - THEATRE, ARAS UI CHATHAIL	DC
12	21/11/2011	13-14:00	Integumentary system, dysfunctions and repair	AC201-Arts and Science- Concourse	YG
	22/11/2011	11-12:00	Eye	SC004 - CHARLES MC MUNN THEATRE	BW
	22/11/2011	13-14:00	Ear	UC102 - THEATRE, ARAS UI CHATHAIL	BW

28/11/2011

Study week

LECTURES SEMESTER 2

Wk	Date	Time	Topic	Venue	Lectur
1	9/01/2012	13-14:00	Introduction and Terminology (Body planes, nomenclature)	IT125 - THEATRE (125), FIRST FLOOR	YG
	10/01/2012	11-12:00	Skeletal system:- Types of bones	IT125 - THEATRE (125), FIRST FLOOR	AB
	10/01/2012	13-14:00	Skeletal system- Types of joints	UC102 - THEATRE, ARAS UI CHATHAIL	AB
2	16/01/2012	13-14:00	Skeletal system- Types of muscles	IT125 - THEATRE (125), FIRST FLOOR	AB
	17/01/2012	11-12:00	Osteology of skull and cervical vertebrae I	IT125 - THEATRE (125), FIRST FLOOR	DC
	17/01/2012	13-14:00	Osteology of skull and cervical vertebrae II	UC102 - THEATRE, ARAS UI CHATHAIL	DC
3	23/01/2012	13-14:00	Overview of the CNS	IT125 - THEATRE (125), FIRST FLOOR	DC
	24/01/2012	11-12:00	Cranial nerves	IT125 - THEATRE (125), FIRST FLOOR	DC
	24/01/2012	13-14:00	Overview of the PNS/ANS	UC102 - THEATRE, ARAS UI CHATHAIL	DC
4	30/01/2012	13-14:00	Head and neck musculature: muscles facial expression	IT125 - THEATRE (125), FIRST FLOOR	AB
	31/01/2012	11-12:00	Osteology of thoracic vertebrae, ribs and sternum	IT125 - THEATRE (125), FIRST FLOOR	AB
	31/01/2012	13-14:00	Thoracic wall: muscles and accessory muscles of respiration	UC102 - THEATRE, ARAS UI CHATHAIL	AB
5	06/02/2012	13-14:00	Breast, lymph nodes, mastectomy, breast implants	IT125 - THEATRE (125), FIRST FLOOR	AB
	07/02/2012	11-12:00	Upper limb osteology	IT125 - THEATRE (125), FIRST FLOOR	YG
	07/02/2012	13-14:00	Pectoral girdle	UC102 - THEATRE, ARAS UI CHATHAIL	YG
6	13/02/2012	13-14:00	Brachial plexus	IT125 - THEATRE (125), FIRST FLOOR	YG
	14/02/2012	11-12:00	Musculoskeletal anatomy of the arm	IT125 - THEATRE (125), FIRST FLOOR	YG
	14/02/2012	13-14:00	Musculoskeletal anatomy of forearm and wrist	UC102 - THEATRE, ARAS UI CHATHAIL	YG

LECTURES 2009-2010: SEMESTER 2

Wk	Date	Time	Topic	Venue	Lectur
7	20/02/2012	13-14:00	Musculoskeletal anatomy of the hand	IT125 - THEATRE (125), FIRST FLOOR	YG
	21/02/2012	11-12:00	Applied anatomy of the upper limb (movements +	IT125 - THEATRE (125), FIRST FLOOR	PD
	21/02/2012	13-14:00	Osteology of lumbar vertebral column and pelvis	UC102 - THEATRE, ARAS UI CHATHAIL	YG
8	27/02/2012	13-14:00	Posterior abdominal wall and diaphragm	IT125 - THEATRE (125), FIRST FLOOR	SMMc
	28/02/2012	11-12:00	Antero-lateral abdominal wall	IT125 - THEATRE (125), FIRST FLOOR	SMMc
	28/02/2012	13-14:00	Inguinal canal, Hernia and hernia repair	UC102 - THEATRE, ARAS UI CHATHAIL	SMMc
9	05/03/2012	13-14:00	Pelvic floor	IT125 - THEATRE (125), FIRST FLOOR	SMMc
	06/03/2012	11-12:00	Lumbar plexus	IT125 - THEATRE (125), FIRST FLOOR	SMMc
	06/03/2012	13-14:00	Lower limb osteology	UC102 - THEATRE, ARAS UI CHATHAIL	YG
10	12/03/2012	13-14:00	Gluteal region	IT125 - THEATRE (125), FIRST FLOOR	YG
	13/03/2012	11-12:00	Musculoskeletal anatomy of thigh and knee	IT125 - THEATRE (125), FIRST FLOOR	YG
	13/03/2012	13-14:00	Musculoskeletal anatomy of leg	UC102 - THEATRE, ARAS UI CHATHAIL	YG
11	19/03/2012	13-14:00	Musculoskeletal anatomy of the foot	IT125 - THEATRE (125), FIRST FLOOR	YG
	20/03/2012	11-12:00	Applied anatomy of the lower limb (movements and	IT125 - THEATRE (125), FIRST FLOOR	PD
	20/03/2012	13-14:00	Common sport injuries of upper and lower limbs	UC102 - THEATRE, ARAS UI CHATHAIL	PD
12	26/03/2012	13-14:00	Imaging: Radiography, ultrasound, CT, MRI... Imaging	IT125 - THEATRE (125), FIRST FLOOR	DC
	27/03/2012	11-12:00	Medical imaging	IT125 - THEATRE (125), FIRST FLOOR	DC
	27/03/2012	13-14:00	Developmental anomalies	UC102 - THEATRE, ARAS UI CHATHAIL	AB

Practical Schedule for 2BS1, 2BO1 and 2BPM1 Students- Semester 1

Week	Date	Time	Topic	Venue
1	14/09/2011	10:00-12:00	Registration Surface Anatomy and Body planes	Civil Engineering PC room
	15/09/2011	11:00-13:00		
2	21/09/2011	10:00-12:00	CNS/ANS practical/tutorial	Gross Lab
	22/09/2011	11:00-13:00		
3	28/09/2011	10:00-12:00	Upper Respiratory Tract	Gross Lab
	29/09/2011	11:00-13:00		
4	05/10/2011	10:00-12:00	Lower Respiratory Tract	Gross Lab
	06/10/2011	11:00-13:00		
5	12/10/2011	10:00-12:00	Cardiovascular	Gross Lab
	13/10/2011	11:00-13:00		
6	19/10/2011	10:00-12:00	GIT I	Gross Lab
	20/10/2011	11:00-13:00		
7	26/10/2011	10:00-12:00	GIT II	Gross Lab
	27/10/2011	11:00-13:00		
8	02/11/2011	10:00-12:00	Liver, Gall Bladder and Pancreas	Gross Lab
	03/11/2011	11:00-13:00		
9	9/11/2011	10:00-12:00	Urinary system and Male Genital System	Gross Lab
	10/11/2011	11:00-13:00		
10	16/11/2011	10:00-12:00	Female Genitourinary System	Gross Lab
	17/11/2011	11:00-13:00		
11	23/11/2011	10:00-12:00	General revision	Gross Lab
	24/11/2011	11:00-13:00		

Practical exam will take place on the 2rd of December (All day)

Practical Schedule for 2BS1, 2BO1 and 2BPM1 Students- Semester 2

Week	Date	Time	Topic	Venue
1	11/01/2012	10:00-12:00	1OT1 and 1BPD1 Registration No Practicals for 2BS1, 2BO1 and 2BPM1	Civil Engineering PC room
	12/01/2012	11:00-13:00		
2	18/01/2012	10:00-12:00	Shapes and Forms of Bones	Gross Lab
	19/01/2012	11:00-13:00		
3	25/01/2012	10:00-12:00	Axial Skeleton Skull	Gross Lab
	26/01/2012	11:00-13:00		
4	01/02/2012	10:00-12:00	CNS/PNS	Gross Lab
	02/02/2012	11:00-13:00		
5	08/02/2012	10:00-12:00	Head and neck muscles, muscles of facial expression	Gross Lab
	09/02/2012	11:00-13:00		

6	15/02/2012 16/02/2012	10:00-12:00 11:00-13:00	Osteology of ribs, vertebrae, sternum, thoracic wall, breast	Gross Lab
7	22/02/2012 23/02/2012	10:00-12:00 11:00-13:00	Upper limb osteology, pectoral girdle and Brachial plexus	Gross Lab
8	29/02/2012 01/03/2012	10:00-12:00 11:00-13:00	Musculoskeletal of the arm, forearm and hand	Gross Lab
9	07/03/2012 08/03/2012	10:00-12:00 11:00-13:00	Abdominal wall, inguinal canal, pelvic floor	Gross Lab
10	14/03/2012 15/03/2012	10:00-12:00 10:00-12:00	Lower limb osteology, gluteal region, lumbo- sacral plexus	Gross Lab
11	21/03/2012 22/03/2012	10:00-12:00 11:00-13:00	Thigh/Knee/leg	Gross Lab
12	28/03/2012 29/03/2012	10:00-12:00 11:00-13:00	Foot	Gross Lab

Additional practical for podiatry students will be added at a later date.

Practical exam will take place 13th of April (All day)

<u>Science students grades:</u>	Percentage Range	Grade
	70-100%	A
	60-69%	B
	55-59%	C+
	50-54%	C-
	40-49%	D
	35-39%	E+
	30-34%	E-
	0-29%	F

For 1BPD1 and 1OT1, the standard School of Medicine grades will apply:

≥ 70%	First Class Honors
60%-69%	Second Class Honors
50%-59%	Pass
<50%	Fail



Dissection Room - Code of Conduct

**Access to the Dissection Room is a privilege.
Cadavers and cadaveric specimens are to be treated with respect at all times.
It is your responsibility to be aware of, and adhere to, the following rules.**

- The Dissection Room is a restricted area. Only those persons authorized by Anatomy Academic staff of NUI Galway to enter may do so.
- White coats and gloves must be worn at all times whilst in the Dissection Room.
- Cameras and mobile telephones are strictly prohibited in the Dissection Room.
- Any form of unauthorized photography within the Dissection Room is expressly forbidden.
- Public discussion of any matter related to activities within the Dissection Room in any format or forum is expressly forbidden.
- Students must be able to officially identify themselves at all times if asked to do so.
- Eating and drinking are not permitted in the Dissection Room.
- No items of head-gear are permitted other than surgical caps or those worn for religious reasons.

Due to the potential particular biological, chemical and physical hazards in the Dissection Room, for your own health and safety, and that of others, it is advised that:

- Long hair is kept bound
- You do not wear sandals, open footwear, high-heels or use crutches;
- In case of pregnancy, it is advised that you do not enter the Dissection Room;
- In case of chronic medical conditions you must consult your doctor prior entering the Dissection Room,
- You must label the outer surface of your dissection kit permanently, with YOUR NAME and the COURSE

YOU ARE IN (1MB, 2MB, 2BSc, 4BSc etc), and, the following text:
"DISSECTION KIT- SHARP OBJECTS – DO NOT OPEN".

Your name and this text must be legible at all time on your dissection kit.

- It is your full responsibility to ensure that your dissection kit or any other of the items normally used in the Dissection Room are not left in any inappropriate and unsafe place.
- In the event that the fire alarm sounds, please follow instructions given by members of staff in order to safely evacuate the Dissection Room.

***INAPPROPRIATE CONDUCT MAY LEAD TO A DENIAL OF ACCESS
AND/OR TO DISCIPLINARY CONSEQUENCES WITHIN THE COURSE YOU ARE IN***

**I confirm that I have read and understood the above and that
I agree to abide by the regulations.**

Name (print): Date:

Student Number: Signature: