Course Specification
(Bachelor)

Course Title:	**Introduction to Human Anatomy**
Course Code:	**220Anat**
Program:	**Bachelor's degree in Nursing and Health Sciences**
Department:	**Shared Course**
College:	**Nursing and Health Sciences**
Institution:	**Jazan University KSA**
Version:	**4**
Last Revision Date:	**15 January 2025**

Table of Contents

A. General information about the course:

1. Course Identification

1. Credit hours: (3 hours)					
2. Course type					
A.	☐University	☒ College	☐Department	☐Track	☐Others
B.	☐Required		☐Elective		
3. Level/year at which this course is offered: (3rd)					
4. Course General Description:					
The following subjects will be included. Introduction to major component of human body. Digestive system: anatomy. Cardiovascular system: anatomy of heart & blood circulation, Respiratory system: anatomy. Renal system: anatomy of urinary system. Genital system male& female: anatomical structure. Endocrine glands: definition, pituitary gland (Thyroid, Adrenal, Pancreas, testes, ovaries). Nervous system: brain& spinal cord, sympathetic and parasympathetic nerves. Skeletal and muscular system					
5. Pre-requirements for this course (if any)**:**					
105BIO					
6. Co-requisites for this course (if any)**:**					
7. Course Main Objective(s):					
The objective of this course is to present the basic principles and sufficient knowledge of fundamental concepts in the anatomical structure of different body organ systems (digestive system-cardiovascular system-respiratory system, renal and genital system- nervous system-endocrine glands-skeletal and muscular systems)					

2. Teaching mode (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	Traditional classroom	**2+ 2= 4hours**	**100%**

No	Mode of Instruction	Contact Hours	Percentage
2	E-learning	0	0
3	Hybrid • Traditional classroom • E-learning	0	0
4	Distance learning	0	0

3. Contact Hours (based on the academic semester)

No	Activity	Contact Hours
1.	**Lectures**	(2hr x15w) = 30 hrs
2.	**Laboratory/Studio**	(2hr x15w) = 30 hrs
3.	**Field**	
4.	**Tutorial**	
5.	**Others (specify)**	
Total		60 hrs

B. Course Learning Outcomes (CLOs), Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Code of PLOs aligned with the program	Teaching Strategies	Assessment Methods
1.0	**Knowledge and understanding**			
1.1	Describe the anatomical structure of different organ and systems	K1	Lectures	Theory exam: MCQs Practical exam, Quizzes. Work sheet
1.2	Identify the main anatomical features of different organs and systems	K1	Lectures Practical	Theory exam: MCQs Practical exam, Quizzes. Work sheet
2.0	**Skills**			
2.1	Examine samples of the specimens provided.	S1	Lectures Practical	Practical exam, Quizzes. Work sheet
2.2	Demonstrate the ability to integrate this knowledge in understanding how these organ systems perform	S2	Lectures Practical	Theory exam: MCQs Practical exam, Quizzes. Work sheet

Code	Course Learning Outcomes	Code of PLOs aligned with the program	Teaching Strategies	Assessment Methods
	functions necessary or action to maintain life			
3.0	**Values, autonomy, and responsibility**			
3.1	Demonstrate the ability on work in teams in anatomical labs	V1	Lectures Practical	Practical exam, Quizzes. Work sheet

C. Course Content

No	List of Topics	Contact Hours
1.	**Introduction:** Introduction to the human body structural organization, anatomical terminology, terms of positions (directional terms), movement, body regions and cavities.	4 hrs. (2the. + 2Prac)
2.	**The Skeletal System:** **A- Axial skeleton:** Skull: main cranial bones & facial bones. - Vertebral column (cervical, thoracic, lumbar and sacral vertebrae, sacrum & coccyx). - Thorax (sternum, ribs). **B- Appendicular skeleton**: - Pectoral girdle: Clavicle, scapula - Upper limb: humerus, radius and ulna, carpals, metacarpals and phalanges - Pelvic girdle: Differences between the male and female pelvis - Lower limb: femur –patella – tibia and fibula – tarsals, metatarsals and phalanges - Types of joints (fibrous, cartilaginous & synovial joints)	8 hrs. (4the. + 4Prac)
3.	**The Muscular system** –main types of muscles	4 hrs. (2the. + 2Prac)
4.	**The Nervous System** Meninges, cerebrum, brain stem, cerebellum, cranial nerves, spinal cord & spinal nerves, Special sense organs (Taste, Olfaction, Hearing and vision).	10 hrs. (6the. + 4Prac)
5.	**The Digestive System:**	8 hrs. (4the. + 4Prac)

	A: The gastro-intestinal tract (GIT): mouth, pharynx, esophagus, stomach, small intestine (duodenum, jejunum, ileum) large intestine (appendix, caecum, ascending, transverse, descending colon), rectum and anal canal. **B: Accessory digestive glands:** 1-Salivary glands, pancreas, liver, gall bladder	
6.	**The Cardiovascular System** **A:** The heart: location - pericardium -chambers – valves B: Principal arteries and veins of the systemic circulation	8 hrs. (4the. + 4Prac)
7.	**The Respiratory System**: Nasal cavity, pharynx, larynx, trachea, bronchi, lungs and pleura	4 hrs. (2the. + 2Prac)
8.	**The Renal System:** Kidney, ureter, urinary bladder and urethra	4 hrs. (2the. + 2Prac)
9.	**The Genital (Reproductive) System:** A-Male genital system: testis, prostate and seminal vesicle glands–urethral (Cowper's) gland B-Female genital system: ovaries–Fallopian tube–uterus- vagina	8 hr (4the. + 4Prac)
10	**The Endocrine System** The pituitary gland–thyroid & parathyroid and adrenal glands	4 hrs. (2the. + 2Prac)
Total		**60 hrs.**

D. Students Assessment Activities

No	Assessment Activities *	Assessment timing (in week no)	Percentage of Total Assessment Score
1.	Evaluation and continuous assessment	4& 8	10%
2.	Mid-theoretical	8	20%
3.	Absence and behavoir	Weekly	5%
4.	Work sheet	Weekly	5%
5.	Final practical	16	20%
6.	Final Theoretical	17	40%
	Total		100 %

*Assessment Activities (i.e., Written test, oral test, oral presentation, group project, essay, etc.).

E. Learning Resources and Facilities

1. References and Learning Resources

Essential References	• The Johns Hopkins Atlas of Human Functional Anatomy: Leon Schlossberg Ross and Wilson (Anatomy and Physiology in health and illness). Waugh, A. and Allison Grant, A.9th ed. Elsevier limited.
Supportive References	Elaine Marieb, N. and Katja Hoeln: Human Anatomy and Physiology (last ed.) S.R Snell applied anatomy
Electronic Materials	• www. pubmed.com • www. Science direct.com
Other Learning Materials	Computer unit for displaying subjects needed • Adobe reader • Internet access

2. Required Facilities and equipment

Items	Resources
facilities (Classrooms, laboratories, exhibition rooms, simulation rooms, etc.)	- Lecture room with 30 seats - Laboratory room = 30 students-each room - Equipment for washing the hands after manipulating the specimen
Technology equipment (projector, smart board, software)	Data show- smart boards- network are available
Other equipment (depending on the nature of the specialty)	Natural human body specimens Models of human body systems Plastinated models of human body systems

F. Assessment of Course Quality

Assessment Areas/Issues	Assessor	Assessment Methods
Effectiveness of teaching	Students	Direct
Effectiveness of Students assessment	Program Leaders	Indirect
Quality of learning resources	Students	Direct
The extent to which CLOs have been achieved	Students	Direct
Alumni Survey	Students	Direct
Students Departmental Survey	Students	Direct
Students Course Evaluation	Students	Direct
Employer survey	Employer	Indirect

Assessors (Students, Faculty, Program Leaders, Peer Reviewers, Others (specify)

Assessment Methods (Direct, Indirect)

G. Specification Approval

COUNCIL /COMMITTEE	Department council Meeting		
REFERENCE NO.	**NUR2508**		
DATE	**15/01/2025**		