

### Course Specification

|                                                                                            |                                                                                  |
|--------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|
| <b>Programme (s) on which the course is given:</b> Baccalaureate degree in nursing science | <b>Major / minor:</b>                                                            |
| <b>Department offering the programme:</b> faculty of Nursing                               | <b>Department offering the course:</b> Histology department, faculty of Medicine |
| <b>Academic Year/Level:</b> 1st year /1st semester                                         | <b>Date of Specification approval</b><br>/ /2022                                 |

#### **A- Basic Information**

|                         |                                 |
|-------------------------|---------------------------------|
| <b>Title: Histology</b> | <b>Code: Med-105</b>            |
| <b>Credit Hours: -</b>  | <b>Lecture:(1h/w) Lab(1h\w)</b> |
| <b>Tutorial: -</b>      |                                 |

#### **B- Professional Information**

##### **1- Course Objective:**

**At the end of the course the student must be able to**

- 1- Delineate the ethical consideration in nursing practice.
2. Gain knowledge about pathological changes in organ systems of the human body in response to disease and other stimuli and the relevance of these to diagnosis, management and to the nursing practice.
3. Identify the basic structure of cells, tissues and organs and describe their contribution to normal function.
4. Develop a systematic approach to the correct identification of histological structure of the different body organs.
5. Recognize that most diseases cause structural abnormalities that result in the problem.
6. Be able to identify the trachea, bronchi, terminal bronchioles, respiratory bronchioles, alveolar ducts and alveoli
7. Be able to name the cellular and structural elements that form the blood-air barrier. 3-Identify the vascular supply of lungs.
8. Identify the types of cells present in the gastrointestinal epithelium and their functions in digestion .
9. Be able to identify the esophagus, divisions of stomach, parts of small intestines and large intestines.
10. Be able to name the cellular and structural elements that form the liver, pancreas and salivary glands

11. Apply communication skills in professional, social and therapeutic context while working efficiently within a team.

12. -Communicate appropriately with staff and colleagues

## **2- Intended Learning outcomes of course (ILOs)**

### **a- Knowledge and understanding:**

- a1- A1-know the basic Histology of the cell
- a2- know the basic histology of the epithelium
- a3- know the basic histology of the connective tissue
- a4- know the basic histology of the blood
- a5- know the basic histology of the nervous tissue
- a6- know the basic histology of the digestive system
- a7- know the basic histology of the respiratory system
- a8- know the basic histology of the urinary system
- a9- know the basic histology of the endocrine glands
- a10- know the basic histology of the reproductive system
- a11- know the basic histology of skin
- a12- know the basic histology of bone
- a13- know the basic histology of cartilage
- a14- know the basic histology of the circulatory system
- a15- know the basic histology of lymphatic system

### **b- Intellectual skills:**

- b1- understand and Apply the histology theories and rules in practice

### **c- Professional and Practical skills:**

- c1- Gain skills of observation and comment on what he observes

### **d- General and Transferable skills:**

- d1- Have self-confidence and think scientifically
- d2- Have apply medical histology in research

### **3-Course Content:**

| Topic                                                                                                                    | No. of Hours | Lecture | Lab | Tutorial |
|--------------------------------------------------------------------------------------------------------------------------|--------------|---------|-----|----------|
| <ul style="list-style-type: none"><li>• The cell</li><li>• Epithelium</li></ul>                                          | 2            | 1       | 1   | -        |
| <ul style="list-style-type: none"><li>• Connective tissue</li></ul>                                                      | 2            | 1       | 1   | -        |
| <ul style="list-style-type: none"><li>• Cartilage</li></ul>                                                              | 2            | 1       | 1   | -        |
| <ul style="list-style-type: none"><li>• Muscle tissue</li><li>• Nervous tissue</li></ul>                                 | 2            | 1       | 1   | -        |
| <ul style="list-style-type: none"><li>• The circulatory system</li></ul>                                                 | 2            | 1       | 1   | -        |
| <ul style="list-style-type: none"><li>• Blood</li></ul>                                                                  | 2            | 1       | 1   | -        |
| <ul style="list-style-type: none"><li>• Lymphoid organs</li></ul>                                                        | 2            | 1       | 1   | -        |
| <ul style="list-style-type: none"><li>• Bone</li></ul>                                                                   | 2            | 1       | 1   | -        |
| <ul style="list-style-type: none"><li>• Skin</li></ul>                                                                   | 2            | 1       | 1   | -        |
| <ul style="list-style-type: none"><li>• The digestive system</li><li>• Glands associated with digestive system</li></ul> | 2            | 1       | 1   | -        |
| <ul style="list-style-type: none"><li>• The respiratory system</li></ul>                                                 | 2            | 1       | 1   | -        |
| <ul style="list-style-type: none"><li>• The urinary system</li></ul>                                                     | 2            | 1       | 1   | -        |
| <ul style="list-style-type: none"><li>• The endocrine system</li></ul>                                                   | 2            | 1       | 1   | -        |
| <ul style="list-style-type: none"><li>• The male and female reproductive system</li></ul>                                | 2            | 1       | 1   | -        |
| Total hours                                                                                                              | 28           | 14      | 14  |          |

### **4-Teaching and Learning methods**

4.1- Lecture

4.2- group discussion

### **5- Student assessment methods**

5.1- Final-term Examination to assess student knowledge about the course.

5.2- Oral exam to assess student knowledge about the course

5.3- Clinical exam to assess students' abilities in practice field.

### **Assessment schedule**

- Assessment 1: Final-term Examination at the end of course.
- Assessment 2: Oral exam at the end of course.
- Assessment3: Clinical exam at the end of course.

## Weighting of assessments 100 marks

|                           |                |
|---------------------------|----------------|
| Mid-term examination      | --%            |
| Final – term examination  | 60%            |
| Oral examination          | 20%            |
| Practical examination     | 20%            |
| Semester work             | ---%           |
| Other Types of assessment | ---%           |
| Total                     | 50 degree 100% |

### 6- List of references

#### 6.1- Course notes

Complied course notes prepared by teaching staff

#### 6.2- Essential books (text books)

Lectures notes

#### 6.3- Recommended books

- Text and atlas Junqueira's Basic Histology, A.L. Mescher 13th ed, McGraw Hill - Lange, 2018.
- Cornack, D. H. (2018): Essential histology. First Edition. J. B. Lippincott Company. Philadelphia.

#### 6.4- Periodicals, Web sites . etc.

- Journal of Anatomy
- Journal of Cell Ultrastructure.
- American Journal of Anatomy.
- Cell tissue Research.
- Anatomia Histologia Embryologia.

Course Coordinator:

Randa mohammed Alaraby

Head of Department:

Dr. Hudaib M. Al-Hadi

Date: 9/10/2022

**University:** Sohag University

**Faculty:** Faculty of nursing

**Department of:** Histology department, faculty of Medicine

|                    |           |
|--------------------|-----------|
| <b>Course name</b> | Histology |
| <b>Course code</b> | Med-10 5  |

**Intended Learning outcomes of course**

| Topic                               | Number of weeks | Knowledge and understanding | Intellectual skills | Professional skills | General skills |
|-------------------------------------|-----------------|-----------------------------|---------------------|---------------------|----------------|
| The cell Epithelium                 | One week        | a1, a2                      | b1                  | c1                  | d1, d2         |
| Connective tissue                   | One week        | a3                          | b-1                 | c1                  | d1             |
| Cartilage                           | One week        | a13                         | b1                  | c1                  | d1, d2         |
| Muscle tissue                       | One week        | a5                          | b1                  | c1                  | d1, d2         |
| Nervous tissue                      | One week        | a14                         | b1                  | c1                  | d1, d2         |
| The circulatory system              | One week        | a4                          | b1                  | c1                  | d1             |
| Blood                               | One week        | a15                         | b1                  | c1                  | d-1            |
| Lymphoid organs                     | One week        | a12                         | b1                  | c1                  | d1, d2         |
| Bone                                | One week        | a11                         | b1                  | c1                  | d1             |
| skin                                | One week        | a6                          | b1                  | c1                  | d1, d2         |
| The digestive system                | One week        | a7                          | b1                  | c1                  | d1, d2         |
| Respiratory system                  | One week        | a9                          | b1                  | c1                  | d1, d2         |
| Endocrine glands                    | One week        | a8                          | b1                  | c1                  | d1, d2         |
| Urinary system                      | One week        | a10                         | b1                  | c1                  | d1, d2         |
| Male and female reproductive system | One week        |                             |                     |                     |                |

**Course Coordinator:**

Randa mshammed AL-araby

Date: 9 / 10 / 2022

**Head of Department:**

د. محمد عيساوي

التاريخ : 2022/7/19

إصدار / تعديل (0/1) -

نموذج رقم SP00QF110001

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