**Theoretical and practical course plan - Ilam University of Medical Sciences**

**Introducing the course of urogenital dissection**

**Second semester 2020-2021**

School: Medicine Department: Anatomy

 \* Course Name: Urinary Tract Description

 \* Field and degree: Medicine - General Doctorate

\* Day and time: Wednesday 10-8 theoretical and Monday 18-16 practical

\* Venue: Medical School

 \* Number and type of unit: 1 unit (theoretical and practical)

\* Phone and contact days: 08432235713-09102041429 all days of the week

 \* Prerequisite courses: None

 \* Office address: Anatomy Department

 \* Name of the person in charge of the course (course instructor): Dr. Yousef Mohammadi

Email address: yosef.1365@yahoo.com

 \* **General purpose of the lesson**: Understanding the sciences of dissection of the urogenital system

**Specific or partial objectives of the course**: Students should be able to learn the following at the end of the course.

1- Anatomy of the administrative system (kidney, ureter, bladder and urethra)

2- Histology of the administrative system (kidney, ureter, bladder and urethra)

3- Embryology of the administrative system (kidney, ureter, bladder and urethra)

4- Anatomy of male and female genitals (testis, sperm duct, appendages, ovaries, uterus, vagina and external genitalia)

5- Histology of male and female genitals (testis, sperm duct, appendages, ovaries, uterus, vagina and external genitalia)

6- Male and female genital embryology (testis, sperm duct, appendix glands, ovary, uterus, vagina and external genitalia)

7- Applied and radiological anatomy of the urogenital system

**\* Student duties**: (Student homework during the semester)

Students must be present in all classes and answer the questions posed in each session and participate in the quiz and midterm exams and do the relevant homework.

**\* Main resources of the course Main resources** (by observing the principles of source writing and giving an address for their preparation, including library, bookstore, internet ...)

1- Volume One (Trunk) of Snell Anatomy - Available in the School Library and Medical Bookstores 2- Jankoira Histology 3- Longman Embryology

**\* Teaching methods + teaching aids used**:

**The teaching method**: the central teacher in the form of lectures, questions and answers and problem solving with video projector-whiteboard teaching aids, as well as student-centered teaching by doing homework and presenting a conference by the students.

\* **Methods and timing of measurement**. Student evaluation and bar related to each evaluation: (Type of exams in terms of question design - loading - exam time and homework should be mentioned)

|  |  |  |  |
| --- | --- | --- | --- |
| Method | Score | Date | time |
| Quiz | 3 | Every 3 sessions | 30 |
| End of semester | 13 | End of semester | 60 |
| Practical | 4 | End of semester |  |

**Lesson rules and expectations from students:**

The presence of students in the class is mandatory and students should study the contents of previous sessions for each session and be prepared for questions and answers and exams, as well as relevant assignments such as research on items requested by the instructor in the field of anatomy.

**Schedule of presenting the syllabus of the science of urinary-genital anatomy (medical) in the second semester 2020-2021**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Session  | Time  | Topic  | Lecturer  | Necessary preparation of students before the start of the class |
| 1 | 8-10 | Pelvic bones, joints, pelvic diameters in men and women, pelvic floor muscles, arteries and nerves Perineum anatomy | Dr. Yousef Mohammadi | - |
| 2 | 16-18 | practical class | Dr. Yousef Mohammadi | Know the contents of previous session |
| 3 | 8-10 | Testicular anatomy, vas deferens, penis, male gonads and proximities | Dr. Yousef Mohammadi | Know the contents of previous session |
| 4 | 16-18 | practical class | Dr. Yousef Mohammadi | Know the contents of previous session |
| 5 | 8-10 | Ovary, fallopian tube, uterus and its ligaments, vagina, female penis, proximity of female genital components | Dr. Yousef Mohammadi | Know the contents of previous session |
| 6 | 16-18 | practical class | Dr. Yousef Mohammadi | Know the contents of previous session |
| 7 | 8-10 | Anatomy of kidney, ureter, bladder and urethra | Dr. Yousef Mohammadi | Know the contents of previous session |
| 8 | 16-18 | practical class | Dr. Yousef Mohammadi | Know the contents of previous session |
| 9 | 8-10 | Histology of the urinary system and female reproductive system Histology of the male reproductive system | Dr. Yousef Mohammadi | Know the contents of previous session |
| 10 | 8-10 | Anatomy of kidney, ureter, bladder and urethra | Dr. Yousef Mohammadi | Know the contents of previous session |
| 11 | 16-18 | practical class | Dr. Yousef Mohammadi | Know the contents of previous session  |
| 12 | 8-10 | Embryology of the urogenital system | Dr. Yousef Mohammadi | Know the contents of previous session |

\* Applied and radiological anatomy of the urogenital system is taught to the student during the semester.