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| |  | | --- | | **TISHK INTERNATIONAL UNIVERSITY FACULTY OF EDUCATION Department of BIOLOGY EDUCATION, 2020-2021 Fall Course Information for BIO 322 HUMAN ANATOMY** |  |  |  | | --- | --- | | **Course Name:** | HUMAN ANATOMY | | |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | **Code** | **Regular Semester** | **Theoretical** | **Practical** | **Credits** | **ECTS** | | BIO 322 | 5 | 3 | - | 3 | 3 | | | | **Name of Lecturer(s)-Academic Title:** | Seemab Zehra - | | **Teaching Assistant:** | Gashen bakhtyar | | **Course Language:** | English | | **Course Type:** | Area Elective | | **Office Hours** | Wednesday 13:00 -15:00 | | **Contact Email:** | seemab.zahra@tiu.edu.iq  Tel:+919457601069 | | **Teacher's academic profile:** | PhD | | **Course Objectives:** | To provide a comprehensive survey of Human Anatomy with basic information on body structures. Topics include organization of organism, skeletal, muscular, nervous, endocrine, cardiovascular, respiratory, digestive and urinary systems of human. | | **Course Description (Course overview):** | This course is the first of a two-course sequence examining the structure and function of the human body and mechanisms for maintaining homeostasis within it. This portion includes the study of cells; tissues; genetics; and the integumentary, skeletal, muscular, and nervous systems | | **COURSE CONTENT**   |  |  |  |  | | --- | --- | --- | --- | | **Week** | **Hour** | **Date** | **Topic** | | **1** | 3 | 7-8/10/2020 | AN INTRODUCTION TO THE HUMAN BODY | | **2** | 3 | 11-15/10/2020 | THE LEVELS OF ORGANIZATION | |  |  |  |  | | **3** | 3 | 18-22/10/2020 | THE SKELETAL SYSTEM-AXIAL SKELETON | | **4** | 3 | 25-28/10/2020 | THE SKELETAL SYSTEM- APPENDICULAR SKELETON AND JOINTS | |  |  |  |  | | **5** | 3 | 1-5/11/2020 | THE MUSCULAR SYSTEM | | **6** | 3 | 8-12/11/2020 | THE NERVOUS SYSTEM | |  |  |  |  | | **7** | 3 | 15-19/11/2020 | THE NERVOUS SYSTEM | | **8** | 3 | 22-26/11/2020 | Midterm Exam | |  |  |  |  | | **9** | 3 | 29/11-3/12/2020 | THE ENDOCRINE SYSTEM | | **10** | 3 | 6-10/12/2020 | THE CARDIOVASCULAR SYSTEM: THE BLOOD | |  |  |  |  | | **11** | 3 | 13-17/12/2020 | THE CARDIOVASCULAR SYSTEM: THE HEART | | **12** | 3 | 20-24/12/2020 | BLOOD VESSELS AND THE LYMPHATIC SYSTEM | |  |  |  |  | | **13** | 3 | 27-31/12/2020 | THE RESPIRATORY SYSTEM | | **14** | 3 | 3-7/1/2021 | THE DIGESTIVE SYSTEM | |  |  |  |  | | **15** | 3 | 10-14/1/2021 | Final Exam | | **16** | 3 | 17-21/1/2021 | Final Exam | |  |  |  |  | | | | **COURSE/STUDENT LEARNING OUTCOMES**   |  |  | | --- | --- | |  |  | | **1** | Students will have the knowledge and skills to identify and describe the major structures of the human body. | | **2** | Students will have the knowledge and skills to discuss the structural organization and functions of each system of the human body. | | **3** | Students will be able to recognize and explain the interrelationships within and between anatomical systems of the human body. | | **4** | Students will have the knowledge and skills to apply their knowledge of human anatomy to solve questions regarding function | | **5** | Students will be able to analyze and synthesize their knowledge and skills to create effective anatomy teaching and learning tools. | | | | **COURSE'S CONTRIBUTION TO PROGRAM OUTCOMES** (Blank : no contribution, I: Introduction, P: Profecient, A: Advanced )   |  |  |  | | --- | --- | --- | |  | **Program Learning Outcomes** | **Cont.** | | **1** | Write accurately and clearly about biology topics that conform to the scientific conventions of that field. | I | | **2** | Describe the molecular components of living things, their heredity transformations and the main concerns in these biological process | I | | **3** | Identify and analyze the microorganisms including bacteria, fungi and virus and their roles in nature. | I | | **4** | Characterize the features of plant organs/tissues/cells/organelles involved in cellular respiration, photosynthesis, reproduction and growth. | P | | **5** | Describe the micro and macro anatomy of the living systems and recognize the relationship between structure and function at all biological systems and levels. | P | | **6** | Apply safety and proper techniques in the laboratory, and report the results of conducted experiments. | P | | **7** | Use appropriate methods and techniques to improve their students’ critical thinking, creative thinking and problem-solving skills. | P | | **8** | Effectively organize and manage classrooms. | P | | **9** | Use required methods and techniques for student-centered teaching by considering individual and cultural differences of students. | A | | **10** | Develop research studies that applies quantitative or qualitative research methods that address research questions in the field. | A | | | | **Prerequisites (Course Reading List and References):** | Atlas Human Anatomy | | **Student's obligation (Special Requirements):** | Human anatomy | | **Course Book/Textbook:** | Atlas Human Anatomy | | **Other Course Materials/References:** | Human anatomy | | **Teaching Methods (Forms of Teaching):** | Lectures, Presentation, Assignments | | **COURSE EVALUATION CRITERIA**   |  |  |  | | --- | --- | --- | | **Method** | **Quantity** | **Percentage (%)** | | Attendance | 1 | 5 | | Participation | 1 | 5 | | Quiz | 1 | 10 | | Homework | 1 | 10 | | Midterm Exam(s) | 1 | 30 | | Final Exam | 1 | 40 | | **Total** | | **100** | | **Examinations:**True-False, Fill in the Blanks, Multiple Choices, Matching |  |  | | | | **Extra Notes:** | | | **ECTS (ALLOCATED BASED ON STUDENT) WORKLOAD**   |  |  |  |  | | --- | --- | --- | --- | | **Activities** | **Quantity** | **Workload Hours for 1 quantity\*** | **Total Workload** | | Theoretical Hours | 16 | 3 | 48 | | Practical Hours | 16 | 0 | 0 | | Final Exam | 1 | 3 | 3 | | Attendance | 1 | 48 | 48 | | Participation | 1 | 1 | 1 | | Quiz | 1 | 1 | 1 | | Homework | 1 | 4 | 4 | | Midterm Exam(s) | 1 | 3 | 3 | | **Total Workload** | | | **108** | | **ECTS Credit (Total workload/25)** | | | **4.32** | | |   **Peer review**   |  |  |  | | --- | --- | --- | | Signature: | Signature: | Signature: | | Name: | Name: | Name: | | Lecturer | Head of Department | Dean | |