

Course Plan for Bachelor of Clinical Laboratory Sciences (Year 1)

Fall

Course Code	Course	Credits	Pre-requisite
ENGL-100-1	English Language	6	
<p>The goal of this beginning level, general English course is to help students develop their basic skills in reading, writing, listening, speaking, vocabulary and grammar. Students will practice and hone their English skills with a variety of reading and listening material that allows them to develop their language abilities with a range of topics. They begin with writing simple sentences and move to compound sentences and basic paragraphs. Students start with simple speaking tasks that increase in difficulty to enable them to speak with more confidence and fluency. Instructional focus includes a simple question centered approach that values critical thinking and academic success. Students analyze and evaluate written and aural materials that are at a CEFR A1 to low A2 level. Students read and listen for main ideas and details. They write simple sentences and paragraphs on a variety of topics with stress on developing clarity and accuracy. Spoken tasks include developing accuracy and fluency with practice. They participate in pair and group exercises, role-plays and give brief presentations.</p>			
ISLC 100	Introduction to Islamic Culture	2	
<p>يهدف هذا المقرر إلى ترسيخ العقيدة الإسلامية الصحيحة ، وربط الأجيال المسلمة بمصادر الإسلام الأسلمية، وإبراز أهمية تحول هذه المعارف إلى واقع حي في سلوك المسلم، مع تعريف الشباب بما يحيط بهم من المخاطر المعاصرة، وإيجاد الحلول الإسلامية المناسبة للمشكلات التي تثيرها النظريات والنظم الوضعية مع رد شبهاتها</p>			
PHYS 100	General Physics	3	
<p>Physics is essential to understand the various functions of living systems; body mechanics, body fluids movement, body temperature control, sound and hearing, light and electromagnetic waves. The course is designed to provide the students with basic concepts of Physics and their applications in the health care sector required for their future studies in the health professions.</p>			
LRSK 100	Learning & Searching Skills	2	
<p>The goal of this course is to increase the opportunity for first-year student success by teaching proven academic learning and study strategies that lead to both academic success and prepares students for professional health sciences career success. The successful student will master a collection of skills that will provide a great benefit to their studies and professional careers and enable them to become effective lifelong learners. Instructional focus includes a variety of whole-class, small group, and individual activities, such as games, role plays, presentations, group discussions, short lectures, writing assignments, reading assignments, and participation in extra-curricular and in-class activities. Course activities allow students to learn about, practice, and produce examples of goal setting, study habits, organization skills, time management, note-taking, collaborating with others, critical/creative and analytical thinking, test-taking strategies, and use of technology for completing class and homework assignments. This course also trains students in research skills by helping them effectively search for information from different sources and follow the basic scientific research process to prepare a research project.</p>			
COMP 100	Computer Skills & Information Technology	2	
<p>Computer Skills & Information Technology course introduces students to computers and their importance in society. The course covers the basic terminology in terms of hardware, software, communication and the Internet. In addition, the course has a large practical part to train the students to use the basic application software. This will enable them to use computers in a way to optimize their work and make it as professional and efficient as possible.</p>			
PHEDU 100	Health & Physical Education	2	
<p>To provide the student with the general principles and techniques developed for the measurement and evaluation of physical effort for various sports games (collective- individual) and deepen student understanding of the various dimensions of the curriculum of physical education. The course consists of two parts: First, "physical Education: the development of physical and mental abilities of students by exercise and see the effects of different exercises on the internal organs of the body and build muscle by exercise and various sports activities (collective- individual). Second, "Health education(theory): to give the information to improve Health and Health behavior according to the contents and the various university activities and Healthy nutrition, and taking into account the mental Health and how to deal with accidents, injuries and first aid.</p>			
Total:		17	

Spring

Course Code	Course	Credits	Pre-requisite
ENGL-100-2	English Language	5	ENGL-100-1
<p>This intermediate level, academic English course will help intermediate students to develop reading and writing strategies and skills needed for academic success. Students are exposed to different reading and listening texts that explore a range of academic subjects from biology to finance. Critical thinking unit approach encourages students to analyze, synthesize, apply knowledge, and develop an individual voice around a topic. This course also focuses, in addition to the four basic skills, on grammar and pronunciation. The course encourages students to think critically and succeed academically. It is a question-centered approach that provides a unique critical thinking framework for each unit. This develops key cognitive skills such as analyzing, synthesizing, and evaluating—as well as developing the language skills essential for academic success. It stimulates the reading through a selection of articles, surveys, and letters and comprehends a variety of academic texts. It encourages the students to write a variety of text types. A range of conversations in the syllabus provide opportunities for developing listening and speaking skills. The course provides language-learning strategies that help students maximize their learning and become proficient in English.</p>			
ISLC 200	Islam & Construction of the Society	2	
<p>يهدف هذه المقرر إلى حل القضايا في نطاق الأسرة، حماية الأسرة المسلمة من التفكك والنزول، التركيز على دور المسلم في تشكيل الأسرة والمجتمع، إبراز المكانة المتميزة للمرأة في الإسلام ودورها الاجتماعي والأسري، تربية الأبناء تربية دينية صالحة الأمر الذي يساعد على حفظ كيان الأسرة واستقرارها. كما يشمل المقرر مواضيع أخرى كالأزواج، دعائم الأسرة، ووسائل تقوية الروابط الاجتماعية</p>			
CHEM-100	General Chemistry	4	

This course offers focuses on the study of atomic structure of elements, quantum mechanics as well as the basic principles of chemistry and its applications in the field of health care. The students are encouraged to actively participate in the teaching and learning process so as to develop the skills to search for information, apply the knowledge, experience and skills gained in a useful way. The course also exposes the students to the realization of the importance of Chemistry and the qualitative and quantitative accuracy of experimentations.

COMM 100	Communication Skills	2
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The course is designed to help students understand the concepts and basic skills of communication with others using effective teaching strategies which encourage students' creativity and their desire to learn, practice and self-study. The students also learn to improve their communication skills with others through activities such as dialogue, forums, argument, personal interview and explanation as well as through acquiring the good listening skills needed for effective conversation. The goal of this course is to improve and enhance students' communication and help them apply what they've learning on campus to their personal lives. A course focus is on building awareness and understanding of the importance of verbal and non-verbal messages, cooperation, and the components of inter- and intra-personal communication. Instructional focus includes a variety of whole-class, small group, and individual activities, such as games, role plays, presentations, group discussions, short lectures, writing assignments, reading assignments, and participation in extra-curricular activities

BIOL 100	Biology	4
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This course deals with the aspects of general biology and introduces the properties of the living and non-living things. The course also focuses on cell structures, cell membrane, transport processes, in and out of the cells as well as cell division. Basic concepts of genetics, homeostasis and the impact of human activities on the ecosystem as well as the biosphere will also be introduced to students.

ETHS 100	Introduction To Ethical Dimensions For Health Care Professionals	1
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The course introduces the students to the basic reasons why ethics is an important part of professional life. It also describes the fundamental principles of bioethics and the duties of a health professional as well as the different ways to assess ethical issues.

Total:	18
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Yearly Total:	35
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