

Bachelor Programs QFE Alignment

Introduction

The National Qualifications Authority (NQA) has established a national framework of qualifications in order to bring coherence to the award system and relate all education and training awards to each other. The framework has a structure of ten levels with each level based on specified standards of knowledge, skills and competence. These standards define the outcomes to be achieved by learners seeking to gain awards at each level. Levels 7, 9, and 10 define the set of learning outcomes for Bachelor, Master, and Doctorate degrees respectively, which are categorised into the following three strands:

Strand	Sub-strand	Description
Knowledge (K)	Breadth	How broad is the learner's knowledge?
	Type	What characteristics and quality of knowing has the learner engaged in?
Skill (S)	Range	What is the breadth of the physical, intellectual, social and other skills acquired by the learner?
	Selectivity	How does the learner select the skills learned to address a range of problems? What is the nature of the complexity of the problems and how does the learner engage with them?
Competence	Autonomy and responsibility (AR)	How does the learner demonstrate the taking of responsibility personally and in groups? How does the learner deploy skills acquired in managing interactions with others and working on their own?
	Self-development (SD)	To what extent can the learner operate in new environments, acquire new knowledge and skills; and assimilate these to their existing body of knowledge and skills?
	Role in Context (RC)	Can the learner apply/deploy their knowledge and skills in a range of relevant contexts?

Generic Qualification Profile 7.1 (Bachelor Degree)

Knowledge	Specialised factual and theoretical knowledge and an understanding of the boundaries in a discipline, encompassing a broad and coherent body of knowledge and concepts, with substantive depth in the underlying principles and theoretical concepts. It also covers an understanding of allied knowledge and theories in related fields of work or disciplines and in the case of professional disciplines including related regulations, standards, codes, conventions as well as an understanding of critical approach to the creation and compilation of a systematic and coherent body of knowledge and concepts gained from a range of sources. Encompassed is a comprehensive understanding of critical analysis, research systems and methods and evaluative problem-solving techniques and familiarity with sources of current and new research and knowledge with integration of concepts from outside fields.
Skill	<p>Technical, creative and analytical skills to:</p> <ul style="list-style-type: none"> • solve specialised problems using evidentiary and procedural based processes in predictable and new contexts that include devising and sustaining arguments associated with a discipline • evaluate, select and apply appropriate methods, procedures or techniques in processes of investigation towards identified solutions • evaluate and implement appropriate research tools and strategies, and • present, explain and/or critique complex and unpredictable matters using highly developed advanced communication and information technology skills.
Autonomy and Responsibility	<p>Can take responsibility with conditional autonomy for:</p> <ul style="list-style-type: none"> • developing innovative and advanced approaches to evaluating complex and unpredictable procedures and processes, resources or learning • analysing the management of technical, supervisory or design processes in unpredictable, unfamiliar and varying contexts • working creatively and/or effectively as an individual, in a team leadership role, in managing contexts related to technical or professional activities, and • expressing an internalised, personal view, and accepting responsibility to society at large and to socio-cultural norms and relationships.
Role in context	<p>Can function within the specialisation of the discipline with autonomy in technical contexts and adopt para-professional roles with little guidance and take responsibility for:</p> <ul style="list-style-type: none"> • setting and assessing the achievement of group or individual outcomes • management and supervision of the outcomes of the work of others or self, and • participating in peer relationships with qualified practitioners and multiple, complex groups and identify responsibility for managing the professional development and mentoring of individuals and groups.
Self-development	<p>Can self-evaluate and take responsibility for:</p> <ul style="list-style-type: none"> • contributing to professional practice and development and/or further learning and manage learning tasks independently and professionally, in complex and sometimes unfamiliar learning contexts, or • contributing to observing ethical standards.

Bachelor of Science in Food Science

PLOS	K	S	AR	RC	SD
PLO-1: Explain the basic principles of Food Science and its multidisciplinary scope.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-2: Describe the physical, chemical, and biological properties of food and their effects on food safety and sensory and nutritional quality.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-3: Apply analytical techniques to characterize composition and to identify physical, chemical, and biological changes in foods.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-4: Explain the effects of food processing, engineering, preservation, packaging, and storage on food safety and quality.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-5: Identify the importance of food laws and regulations in ensuring safety and quality of foods.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-6: Conduct applied research, and use statistical tools in experimental design and data analysis.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-7: Apply acquired knowledge to real world situations in food systems, components, products, and processes.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-8: Apply critical thinking and continued learning to professional problems.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-9: Communicate effectively in both oral and written forms.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-10: Develop organizational, team work, and leadership skills.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
PLO-11: Demonstrate professional skills and thoughts of ethical, social, integrity and respect for diversity.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
PLO-12: Demonstrate preparedness for continued reflective practice and lifelong learning relevant to careers in food science.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Bachelor of Science in Marine Fisheries and Animal Science

PLOS	K	S	AR	RC	SD
PLO-1: Explain the concepts of marine fisheries or farm animal husbandry systems at various scales in the agro-ecological and socio-economic contexts of arid environments.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-2: Deploy creativity and profound knowledge in the areas of animal genetics, physiology, nutrition and reproduction to design and introduce novel technical and managerial strategies.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-3: Analyze existing marine fisheries or farm animal husbandry systems for their impact on the environment and adoption of tailored strategies for sustainability and animal welfare.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-4: Evaluate the relevance of different animal production systems for national and regional food security and adoption of an innovative strategic approach to diversify animal protein sources.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
PLO-5: Translate academic reports of novel research findings into practical recommendations for farmers and stakeholders of the private and public sectors, thus supporting technology transfer.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
PLO-6: Assess how the introduction of the latest technological advancements in marine fisheries or farm animal husbandry would affect system productivity, sustainability, food security and the community.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
PLO-7: Communicate professionally and effectively in oral and written forms, using academic vocabulary appropriate to the discipline of marine fisheries or animal science.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Bachelor of Science in Agricultural Resource Management

PLOS	K	S	AR	RC	SD
PLO-1: Demonstrate basic knowledge in agriculture sciences and agricultural education and extension	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-2: Apply critical thinking skills to current and future issues in agriculture and resources	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-3: Utilize economic theories and quantitative techniques for post graduate studies and careers in agricultural resources management	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
PLO-5: Utilize research methods to solve problems within the agriculture sector	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-4: Communicate effectively, both written and orally, within the agricultural and natural resource context	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
PLO-6: Identify, evaluate, and effectively disseminate agricultural information to the stakeholders	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Bachelor of Science in Horticulture

PLOS	K	S	AR	RC	SD
PLO-1: Explain the basic characteristics of horticultural plants and cultural practices in the arid environments.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-2: Produce efficiently, safe horticultural crops with an understanding of the natural resources and the environment.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-3: Use horticultural plants and plant products for functional and aesthetic purposes in the arid environment.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-4: Discuss the principles and theories of integrating basic and applied aspects of modern technologies in the production and protection of horticultural plants.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-5: Employ technical skills for managing horticultural projects and natural resources.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-6: Select horticultural plants to enhance tolerance to stresses in arid environment.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-7: Implement technologies for improving horticultural plant productivity, quality, and protection methods.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-8: Improve germplasm to develop modern breeding technologies.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-9: Apply sustainable horticultural principles and safe environmental practices.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-10: Minimize the negative impact of cultural practices on the environment.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
PLO-11: Develop skills to maintain and protect native and exotic plant species for the purposes of beautifying the environment and commercially producing horticultural crops.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
PLO-12: Explain the main characteristics of the UAE society in relation to farming and adoption of technologies as a part of the Arab World.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-13: Discuss the similarity and integration of the Arab world in terms of the environment and natural resources.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-14: Conduct research using statistical methods and data analysis to establish significance of technology applications.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-15: Demonstrate the ability to apply the knowledge learned in coursework and during the internship experience.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-16: Design, execute, and evaluate technology transfer programs.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-17: Demonstrate communication skills necessary for leadership roles, and teamwork.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-18: Demonstrate critical thinking and creativity skills in learning process and applications.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Bachelor of Veterinary Medicine

PLOS	K	S	AR	RC	SD
PLO-1: Implement appropriate health care regimen for individual animals of different species.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-2: Monitor the health and production of animals at the herd or flock level.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-3: Apply high standards of public health and food safety.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-4: Recognize veterinary diseases and the optimal treatment and prevention methods.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-5: Conduct disease epidemiological investigation and veterinary research using appropriate research methods, ethics procedures, and statistical analysis.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
PLO-6: Communicate technical information effectively with clients, fellow professionals and intended audience.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
PLO-7: Synthesize information from different resources and use information technology to find up-to-date information and manage data.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Bachelor of Accounting

PLOS	K	S	AR	RC	SD
PLO-1: Communicate effectively orally, using appropriate information and communication technologies.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-2: Communicate effectively in writing, using information and communication technologies where appropriate.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-3: Demonstrate critical thinking skills in analyzing information and deriving appropriate conclusions for accounting issues	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-5: Demonstrate autonomy, responsibility and leadership in an appropriate setting	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-7: Demonstrate ethical reasoning in relation to accounting issues	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
PLO-4: Evaluate information to accurately suggest innovative solutions to accounting problems using specialized accounting software and information technology systems.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-6: Demonstrate an ability to perform different roles effectively in a teamwork environment.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
PLO-8: Demonstrate an understanding of social awareness in relation to the accounting discipline.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-9: Demonstrate a comprehensive knowledge of key concepts across the breadth of accounting topics in preparation for future learning opportunities and professional development.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-10: Apply research skills by assessing contemporary accounting issues, collecting relevant information using appropriate technologies, and relate to allied (professional) fields where appropriate.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Bachelor of Economics

PLOS	K	S	AR	RC	SD
PLO-1: Communicate effectively orally, using technologies to support the oral presentation of information where appropriate.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-2: Communicate effectively in writing, select and use information technology where appropriate.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-7: Demonstrate ethical reasoning in relation to Economic issues.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-3: Apply appropriate technologies and techniques to the collection and analysis of data and information to derive appropriate conclusions for economic trends, indicators, and problems.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-4: Evaluate and interpret information to accurately identify economic trends, indicators, problems, and suggest solutions.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-5: Show autonomy and responsibility in their work.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-6: Apply teamwork skills and creativity in leadership and direction that are appropriate to the context and level at which they are operating.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
PLO-8: Demonstrate awareness of social responsibility and sustainability in relation to economic issues and policies.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-9: Illustrate a comprehensive knowledge of key concepts, functioning of economic markets and institutions, and theories across the breadth of economic topics.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-10: Apply appropriate economic frameworks, tools, models, and theories to research and assess contemporary issues in economics and related allied fields when appropriate.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Bachelor of Finance and Banking

PLOS	K	S	AR	RC	SD
PLO-1: Communicate effectively orally, using technologies to support the oral presentation of information where appropriate.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-2: Communicate effectively in writing, select and use information technology where appropriate.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-3: Apply appropriate technologies and techniques to the collection and analysis of information and derive appropriate conclusions for finance problems.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-4: Research, critically evaluate and interpret information to accurately identify finance problems and suggest solutions.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-5: Demonstrate autonomy and responsibility in their work.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
PLO-6: Apply teamwork skills and creativity in leadership and direction, appropriate to the context and level at which they are operating.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
PLO-7: Demonstrate ethical reasoning in relation to Finance issues.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
PLO-8: Develop an awareness of the civic responsibilities of the Finance discipline.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
PLO-9: Demonstrate a comprehensive knowledge of key concepts across the breadth of Finance topics.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-10: Demonstrate a good knowledge of financial markets and institutions from both a global and local perspective and be able to apply finance tools and concepts to real world problems.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
PLO-11: Utilize appropriate finance frameworks and theories to research and assess contemporary issues in the field and related allied fields where appropriate.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Bachelor of Business Administration

PLOS	K	S	AR	RC	SD
PLO-1: Communicate effectively orally, using technologies to support the oral presentation of information where appropriate.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-2: Communicate effectively in writing, select and use information technology where appropriate.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-3: Apply appropriate technologies and techniques to the collection and analysis of information and derive appropriate conclusions for finance problems.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-4: Research, critically evaluate and interpret information to accurately identify finance problems and suggest solutions.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-5: Demonstrate autonomy and responsibility in their work.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-6: Apply teamwork skills and creativity in leadership and direction, appropriate to the context and level at which they are operating.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
PLO-7: Demonstrate ethical reasoning in relation to business issues.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
PLO-8: Develop an awareness of the civic responsibilities of business.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Bachelor of Science in Statistics and Data Analytics

PLOS	K	S	AR	RC	SD
PLO-1: Demonstrate a comprehensive knowledge of concepts of statistics and data analytics, and the application of the concepts for problem solving using real-world data.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-2: Integrate modeling and computational skills in statistical and data analytics, for developing comprehensive solutions to data-driven problems.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-3: Effectively communicate to specialized and non-specialized audiences, orally, visually, and in writing, the results and interpretation of statistical and computational analyses.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-4: Apply teamwork skills and creativity, and demonstrate autonomy and responsibility, in undertaken tasks and projects.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
PLO-5: Demonstrate independence and ethical awareness towards issues in statistics and data analytics, such as data ownership, security and sensitivity of data, privacy concerns in data analysis, and transparency and re-productibility.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Bachelor of Education in Special Education

PLOS	K	S	AR	RC	SD
PLO-1: Recognizing and locating major concepts, theories, and research in the field of HPE (ILOs 3 and 1, CF 2, NASPE Standard 1, and AAHE 1).	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
PLO-2: Understanding the structure and functions of body systems during physical exercise (ILO 1, CF 2, NASPE Standard 1, and AAHE 1).	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
PLO-3: Critically analyzing various technology applications in HPE settings to enhance teaching, learning, and professional growth (ILO 5, CF 7).	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
PLO-4: Using various assessment techniques in HPE settings and research. (ILOs 2, 4, Skill: QFE).	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
PLO-5: Demonstrating competence in physical fitness and movement skills which can be effectively utilized in teaching (ILO 1, CF 5, and NASPE Standard 3).	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
PLO-6: Recognizing individuals with different abilities and understanding the impact of such differences on teaching and learning (ILO 1, CF 3, NASPE Standard 3, and AAHE 4).	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
PLO-7: Collaborating and communicating effectively with peers and students in school and community settings (ILO 6, CF 6, NASPE Standard 3 Advanced, and AAHE 7 & 8).	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
PLO-8: Developing creative and effective approaches to manage HPE classroom settings (ILO 5, CF 8, NASPE Standard 6, and AAHE 8).	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Bachelor of Education in Special Education

PLOS	K	S	AR	RC	SD
PLO-1: Acquire thorough knowledge of the philosophical, historical, and legal foundation of the education of exceptional children.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-2: Use multiple assessment data in making educational decisions for students with Mild/Moderate disabilities and Gifts and Talents.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-3: Locate and critically use relevant, meaningful, and evidence-based instructional and assistive technologies that will promote maximum learning and social and emotional growth in students with Mild/Moderate disabilities and Gifts and Talents.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-4: Establish a research-based responsive learning environment for students with Mild/Moderate disabilities and Gifts and Talents.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
PLO-5: Examine the cultural and social contexts in which students with exceptionalities live and learn.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-6: Assess language development and communication skills of children with exceptionalities using research-based practices.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
PLO-7: Use effective communication skills (oral and writing) and diverse collaborative models to promote the well-being of individuals with exceptionalities across a wide range of settings.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
PLO-8: Manage consistently and sensitively ethical practices and professionalism in the area of Special Education.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
PLO-9: Design research-based and appropriate learning experiences for students with Mild/Moderate disabilities and Gifts and Talents in academic subject matter content of the general curriculum.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Bachelor of Education in Early Childhood Education

PLOS	K	S	AR	RC	SD
PLO-1: Apply knowledge of child development and learning principles to provide children with healthy, respectful, and challenging learning environments.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-2: Build respectful partnerships with children's families and their communities and communicate with them effectively, both orally and in writing.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-3: Apply effective assessment strategies and tools in partnership with families and other professionals.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-4: Use a wide array of developmentally appropriate approaches and instructional strategies in partnership with families.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-5: Integrate multiple areas of knowledge in planning, implementing and evaluating developmentally appropriate and inclusive early childhood curriculum.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-6: Make decisions and take actions based on professional and ethical standards and develop reasoned and creative solutions.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
PLO-7: Develop the knowledge, skills and professional dispositions and maintain responsibility for self-development and life-long learning to promote the development and learning of young children.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
PLO-8: Apply a student-centered learning approach, by developing the student as a communicator, a thinker and a problem solver.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-9: Develop research skills necessary for integrating knowledge and concepts through effectively using information derived from a variety of sources.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Bachelor of Arts in Arabic Language and Literature

PLOS	K	S	AR	RC	SD
PLO-1: Explain the fundamentals of Arabic syntax, its rules and terminology.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-2: Compare modern linguistic theories and the resources of linguistic and syntactic heritage and their prominent figures.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-3: Produce a deep analysis of literary texts, appreciating their aesthetic qualities.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
PLO-4: Compare modern criticism theories, key sources of criticism and rhetorical heritage, and major poets and writers and the ages in which they lived.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
PLO-5: Produce an insightful and elaborate presentation of a linguistic or literary issue.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
PLO-6: Write with an error-free style, on the word, sentence and text levels.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-7: Express his/her ideas with an organized, convincing style, reflecting a deep knowledge at different oral and written assignments.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-8: Promote the concept of belonging and citizenship by participating in cultural and literary activities at the Department, College and society.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
PLO-9: Scientifically conduct research based on methodological language/literature principles individually or within groups.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Bachelor of Arts in Linguistics

PLOS	K	S	AR	RC	SD
PLO-1: Define the fields of phonetics, phonology, morphology, syntax, and semantics.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-2: Discuss raw linguistic data from a variety of naturalistic and experimental sources.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-3: Interpret linguistic data in the context of existing models of language.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-4: Analyze language change, especially as it applies to the origin and nature of dialects.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-5: Categorize complex relationships between language varieties and socio-cultural characteristics such as socioeconomic status, ethnicity, and gender.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-6: Assess the major phases in the historical and biological development of languages.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-7: Develop organizational, team work, and leadership skills.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
PLO-8: Demonstrate professional skills and thoughts of ethical, social, integrity and respect for diversity.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
PLO-9: Demonstrate effective communicate skills in written and oral format.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
PLO-10: Develop basic information literacy in general linguistics and allied disciplines.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Bachelor of Arts in Psychology

PLOS	K	S	AR	RC	SD
PLO-1: Describe key concepts, principles, and main themes in psychology.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-2: Apply scientific reasoning to interpret psychological phenomena.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-3: Conduct basic psychological research individually and in teams.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-4: Apply updated ethical standards to evaluate psychological science and practice.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-5: Demonstrate effective writing and presenting skills for different purposes.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-6: Analyze psychological information and data using variety of sources and statistical software.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
PLO-7: Communicate efficiently psychological reports and information to concerned parties.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Bachelor of Arts in Geography

PLOS	K	S	AR	RC	SD
PLO-1: Discuss physical Geography and human aspects and the interaction between them.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
PLO-2: Use Geoinformatics related software effectively.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
PLO-3: Evaluate human impact on the natural environment.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-4: Effectively communicate geographical ideas orally and in writing.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
PLO-5: Conduct research addressing local urban planning and global environmental issues.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-6: Demonstrate ethical reasoning in relation to Geography and Urban Planning issues.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-7: Develop organizational, team work and leadership skills.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Bachelor of Arts in Political Science

PLOS	K	S	AR	RC	SD
PLO-1: Define basic political science concepts.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-2: Explicate major theories of various subfields of political science.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-3: Identify essential political processes, institutions, actors, behaviors, and ideas that shape national and international contexts.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-4: Demonstrate ethical reasoning in relation to political science issues	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
PLO-5: Employ qualitative and quantitative research methods in political science analysis.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
PLO-6: Analyze public policy issues both independently and in a team	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
PLO-7: Communicate descriptive and analytical knowledge effectively in written and oral format to various audiences	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
PLO-8: Discuss the political and administrative systems of the UAE, as well as its developmental achievements	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
PLO-9: Demonstrate preparedness for continued reflective practice and lifelong learning.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Bachelor of Science in Applied Sociology and Social Data Analytics

		K	(SK)	AR	RC	SD
PLO 1	Identify the theoretical frameworks of applied sociology applicable to the main trends and contemporary social challenges	√		√	√	√
PLO 2	Design and implement research projects addressing contemporary social problems	√	√	√	√	√
PLO 3	Demonstrate ethical awareness, the ability to do ethical reflection, and the ability to apply ethical principles in social research	√	√	√	√	√
PLO 4	Collect and analyze social data employing quantitative and qualitative methodological tools	√	√	√	√	√
PLO 5	Communicate the research findings in written and oral forms to diverse audiences		√	√	√	√
PLO 6	Develop policy recommendations at different levels of expertise, including managerial solutions at organizational, municipal, regional, and national levels	√	√	√	√	√

Bachelor of Arts in English Literature

PLOS	K	S	AR	RC	SD
PLO-1: Use appropriate terminology to identify key features of literary texts, genres, periods, techniques or devices.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
PLO-2: Critique literary texts with reference to formal or aesthetic properties as well as to socio-historical rootedness and function.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
PLO-3: Communicate appropriately and successfully, orally and in writing, on specialist as well as non-specialist subject matter, in a variety of academic or non-academic contexts.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-4: Demonstrate willingness and ability to undertake further studies in literature or related disciplines, or to assume positions of responsibility in the world of work or civic engagement.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
PLO-5: Apply generic skills and competences developed in the course of the program, such as critical thinking, problem-solving or team-work, in the world of work or civic engagement.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
PLO-6: Undertake research with competent and proper use of printed as well as electronic resources, and of quantitative as well as qualitative methods.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Bachelor of Arts in Translation Studies

PLOS	K	S	AR	RC	SD
PLO-1: Demonstrate translation-related reading and writing skills in English and Arabic.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
PLO-2: Analyze the contrastive differences between English and Arabic at linguistic and cultural levels.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-3: Explain theoretical concepts of translation.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-4: Perform translation-oriented text analysis.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
PLO-5: Produce acceptable translations of different text types using different translation techniques.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
PLO-6: Revise translations as per quality parameters, i.e. accuracy of meaning, clarity of language and effectiveness of message.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-7: Conduct basic interpreting and sight translation tasks between English and Arabic in different job contexts, such as interpreting in court, hospital, police station and school.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
PLO-8: Demonstrate ethical reasoning in relation to translation issues.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-9: Work effectively both independently and within a translation team.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
PLO-10: Demonstrate preparedness for continued reflective practice of translation and lifelong learning.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-11: Conduct translation-related research projects using appropriate research methods and ethical procedures.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Bachelor of Arts in Mass Communication

PLOS	K	S	AR	RC	SD
PLO-1: Apply professional writing requirements for print, broadcast, public relations, and online media. They will also develop competence in the production and operation of convergent media.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
PLO-2: Demonstrate critical thinking abilities as applied to academic as well as professional arenas.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-3: Acquire independent learning experiences by drawing on a rich and broadly based liberal arts education through research and analysis of social issues and prescribing appropriate solutions to problems.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
PLO-4: Discuss the principles of professional and mass communication ethics and how they inform the work of the media professional in the Arab and Islamic contexts.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
PLO-5: Explain the importance of diverse perspectives in solving societal problems.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-6: Develop organizational, team work, and leadership skills.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
PLO-7: Communicate effectively in both oral and written forms with various audiences.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Bachelor of Arts in Visual Studies and Creative Industries

		K	S	AR	RC	SD
PLO 1	Explain the visual world and the art it produces in various cultural contexts.	√	√	√		√

PLO 2	Analyze, verbally and in writing, a variety of visual objects in their proper cultural and historical contexts.	√	√	√		√
PLO 3	Create visual objects using various media, such as drawing, painting, photography, graphic and 3D design/Sculpture.	√	√	√		√
PLO 4	Assess the interface between visual culture and society from the classical to contemporary period.	√	√	√	√	√
PLO 5	Demonstrate an understanding of contemporary visual art practice.	√	√	√		√
PLO 6	Contribute to artistic concepts in various sub-fields of visual studies and creative industries	√	√	√	√	√

Bachelor of Social Work

PLOS	K	S	AR	RC	SD
PLO-1: Apply theoretical knowledge gained in human behavior & social environment, social work practice, social policy and research courses to generalist social work practice.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-2: Present orally and in writing the results of using the problem solving method to case scenarios based on real life situations.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
PLO-3: Conduct bio-psycho-social assessments, needs assessments, planning, and evaluation in relation to generalist social work practice.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-4: Apply social work generalist practice theory and skills with individuals, families, groups, communities and organizational leadership in practice exercises and field practicum settings.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-5: Apply critical thinking in their interventions with individuals, families, groups, organizations, and communities in their field practicum settings.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-6: Communicate orally and in writing a research study including data analysis and the use of SPSS.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
PLO-7: Apply a research-based case study on an issue and/or problem encountered in the field.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-8: Model the professional and ethical behavior expected of entry-level social work professionals, including the use of supervision for accountability and improvement of practice.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
PLO-9: Develop self-awareness and learning practice strategies through self-study via readings, practice experiences and reflection.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Bachelor of Arts in Tourism Studies

PLOS	K	S	AR	RC	SD
PLO-1: Identify the facilities, resources, products, stakeholders and operational organizations in different sectors of the tourism industry as well as describe their structures and characteristics.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-2: Demonstrate ethical reasoning in relation to tourism issues.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
PLO-3: Identify the necessary resources of developing tourism products and analyze the factors affecting the successfulness of tourism products.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-4: Analyze the current and upcoming trends of the tourism product development in the local, regional and international level.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
PLO-5: Identify the influence of tourists and the tourism industry on cultural and heritage assets, societies and environments.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
PLO-6: Synthesize the cultural, heritage, environmental and leisure tourism resources and facilities for sustainable development of a destination.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
PLO-7: Examine materials, reports and statistics related to tourism, cultural and heritage study and sustainable development.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
PLO-8: Communicate effectively in both oral and written form to various audience.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Bachelor of Science in Computer Engineering

PLOS	K	S	AR	RC	SD
PLO-1: Identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
PLO-2: Apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
PLO-3: Communicate effectively with a range of audiences.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-4: Recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
PLO-5: Function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
PLO-6: Develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
PLO-7: Acquire and apply new knowledge as needed, using appropriate learning strategies.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Bachelor of Science in Computer Science

PLOS	K	S	AR	RC	SD
PLO-1: Analyze a complex computing problem and to apply principles of computing and other relevant disciplines to identify solutions.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-2: Design, implement, and evaluate a computing-based solution to meet a given set of computing requirements in the context of the program's discipline.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-3: Communicate effectively in a variety of professional contexts.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
PLO-4: Recognize professional responsibilities and make informed judgments in computing practice based on legal and ethical principles.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
PLO-5: Function effectively as a member or leader of a team engaged in activities appropriate to the program's discipline.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
PLO-6: Apply computer science theory and software development fundamentals to produce computing-based solutions.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Bachelor of Science in Information Security

PLOS	K	S	AR	RC	SD
PLO-1: Analyze a complex computing problem and to apply principles of computing and other relevant disciplines to identify solutions.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-2: Design, implement, and evaluate a computing-based solution to meet a given set of computing requirements in the context of the program's discipline.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-3: Communicate effectively in a variety of professional contexts.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
PLO-4: Recognize professional responsibilities and make informed judgments in computing practice based on legal and ethical principles.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
PLO-5: Function effectively as a member or leader of a team engaged in activities appropriate to the program's discipline.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
PLO-6: Apply security principles and practices to maintain operations in the presence of risks and threats.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Bachelor of Science in Information Technology

PLOS	K	S	AR	RC	SD
PLO-1: Analyze a complex computing problem, and to apply principles of computing and other relevant disciplines to identify solutions.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-2: Design, implement, and evaluate a computing-based solution to meet a given set of computing requirements in the context of the program's discipline.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-3: Communicate effectively in a variety of professional contexts.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
PLO-4: Recognize professional responsibilities and make informed judgments in computing practice based on legal and ethical principles.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
PLO-5: Function effectively as a member or leader of a team engaged in activities appropriate to the program's discipline.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
PLO-6: Identify and analyze user needs and to take them into account in the selection, creation, integration, evaluation, and administration of computing based systems.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Bachelor of Science in Dietetics

PLOS	K	S	AR	RC	SD
PLO-1: Explain the scientific basis of human nutrition and nutrition requirements in health and disease	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-2: Apply principles of medical nutrition therapy and the nutrition care process using evidence-based guidelines in a variety of clinical settings	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-3: Conduct a nutrition research project using appropriate research methods	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-4: Demonstrate leadership skills, time management, work ethics and collaborative relationships with other health professionals and support personnel to deliver	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
PLO-5: Apply activities related to planning, implementing and evaluating nutrition services to improve nutrition and health of individuals, groups and communities	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-6: Perform self-assessment for professional self-improvement by identifying knowledge and skills to acquire	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
PLO-7: Perform management functions related to safety, security and sanitation that affect employees, customers, patients, facilities and food	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Bachelor of Science in Nutritional Science

PLOS	K	S	AR	RC	SD
PLO-1: Explain scientific basis of human nutrition, nutritional requirements, nutritional epidemiology and research methods.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-2: Implement nutritional assessment, nutrient analysis of foods and dietary planning to promote health and in support of healthy individuals and communities	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
PLO-3: Describe the food chain and its impact on food choices and practices in social and behavioral contexts.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-4: Demonstrate ethical behavior and values of professional conduct, according to good clinical practices.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
PLO-5: Formulate ideas and opinions concerning food and diet.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
PLO-6: Evaluate appropriate theories and methods (dietary, research, statistical) for health promotion, education and nutrition-related investigations.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
PLO-7: Effectively perform and interpret statistical analyses for decision-making purposes in the field of nutrition.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
PLO-8: Demonstrate the ability to work efficiently and effectively in group.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-9: Communication effectively in oral and written forms with diverse audiences.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Bachelor of Science in Speech-Language Pathology

PLOS	K	S	AR	RC	SD
PLO-1: Outline the anatomical, physiological, psychological, linguistic, and cultural correlates of speech and language disorders.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-2: Determine precise clinical diagnoses for patients with speech and language disorders across the developmental and acquired spectrum.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-3: Develop ethical and effective patient-specific treatment plans through clinical reasoning and patient/client observation.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-4: Implement evidence-based treatment for persons with speech and language disorders, utilizing clinical resources and patient/client monitoring.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
PLO-5: Demonstrate high professional standards and communication skills that are effective in providing patient services, interacting with colleagues from other disciplines, educating families, and advocating for appropriate services within the health system.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Doctor of Medicine

PLOS	K	S	AR	RC	SD
PLO-1: Apply knowledge of established and evolving biomedical, clinical, epidemiological, and behavioral sciences to solve patient's medical problems.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
PLO-2: Use communication skills that are effective in the exchange of information and collaboration with patients, their families, and health professionals.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
PLO-3: Demonstrate their abilities in providing patient care that is compassionate, appropriate and effective for the treatment of health problems.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
PLO-4: Reflect on patient care, appraising scientific evidence, and to continuously improve patient care based on self-evaluation and life-long learning.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
PLO-5: Demonstrate a commitment to carrying out professional responsibilities and an adherence to ethical principles.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
PLO-6: Demonstrate an awareness of and responsiveness to the larger context and system of health care.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Bachelor of Science in Archticular Engineering

PLOS	K	S	AR	RC	SD
PLO-1: Identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-2: Apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-3: Communicate effectively with a range of audiences.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
PLO-4: Recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
PLO-5: Function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
PLO-6: Develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-7: Acquire and apply new knowledge as needed, using appropriate learning strategies	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Bachelor of Science in Chemical Engineering

PLOS	K	S	AR	RC	SD
PLO-1: Identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
PLO-2: Apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-3: Communicate effectively with a range of audiences.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-4: Recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
PLO-5: Function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
PLO-6: Develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
PLO-7: Acquire and apply new knowledge as needed, using appropriate learning strategies.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Bachelor of Science in Petroleum Engineering

PLOS	K	S	AR	RC	SD
PLO-1: Identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
PLO-2: Apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-3: Communicate effectively with a range of audiences	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-4: Recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
PLO-5: Function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
PLO-6: Develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
PLO-7: Acquire and apply new knowledge as needed, using appropriate learning strategies	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Bachelor of Science in Civil Engineering

PLOS	K	S	AR	RC	SD
PLO-1: Identify, formulate, and solve complex civil engineering problems by applying principles of engineering, science, and mathematics.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-2: Apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-3: Communicate effectively with a range of audiences.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
PLO-4: Recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of civil engineering solutions in global, economic, environmental, and societal contexts.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
PLO-5: Function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
PLO-6: Develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-7: Acquire and apply new knowledge as needed, using appropriate learning strategies.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Bachelor of Science in Communicastion Engineering

PLOS	K	S	AR	RC	SD
PLO-1: Identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-2: Apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
PLO-3: Communicate effectively with a range of audiences.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
PLO-4: Recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
PLO-5: Function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
PLO-6: Develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
PLO-7: Acquire and apply new knowledge as needed, using appropriate learning strategies.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Bachelor of Science in Electrical Engineering

PLOS	K	S	AR	RC	SD
PLO-1: Identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-2: Apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
PLO-3: Communicate effectively with a range of audiences.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
PLO-4: Recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
PLO-5: Function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
PLO-6: Develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
PLO-7: Acquire and apply new knowledge as needed, using appropriate learning strategies.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Bachelor of Science in Mechanical Engineering

PLOS	K	S	AR	RC	SD
PLO-1: Identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-2: Apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-3: Communicate effectively with a range of audiences.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
PLO-4: Recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
PLO-5: Function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
PLO-6: Develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-7: Acquire and apply new knowledge as needed, using appropriate learning strategies.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Bachelor of Science in Aerospace Engineering

PLOS	K	S	AR	RC	SD
PLO-3: Communicate effectively with a range of audiences	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-1: Identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-2: Apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
PLO-4: Recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
PLO-5: Function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
PLO-6: Develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-7: Acquire and apply new knowledge as needed, using appropriate learning strategies	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Bachelor of Law

PLOS	K	S	AR	RC	SD
PLO-1: يشرح المفاهيم والقواعد الأساسية للقانون وخاصة القانون الإماراتي	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-2: يطبق القواعد القانونية على الوقائع بصورة صحيحة	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-3: يفسر النصوص القانونية وفقاً لقواعد التفسير المعتمدة	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-4: ينجز بحثاً علمياً وفق مناهج البحث القانوني	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-5: يصوغ المذكرات وصحف الدعاوى والأحكام القضائية بلغة سليمة	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-6: يتحدث أمام جمهور بثقة ولغة سليمة	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-7: يستخدم تقنية المعلومات في إنجاز الأعمال المختلفة	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-8: يتعلم ذاتياً من خلال المستجدات العلمية والعملية في مجال القانون	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
PLO-9: يقود بإيجابية فريق عمل	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
PLO-10: يلتزم بالقواعد الأخلاقية والمهنية في أداء الأعمال الموكولة إليه	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Bachelor of Science in Biology

PLOS	K	S	AR	RC	SD
PLO-1: Explain major biological concepts.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-2: Solve and criticize practical and theoretical problems in biology.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-3: Communicate effectively in oral and written forms.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
PLO-4: Conduct safe and ethical biological lab experiments, data analysis, and interpretation of results.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
PLO-5: Demonstrate research competence including analysis of scientific literature and adherence to professional standards.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
PLO-6: Work effectively both independently and in a team.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Bachelor of Science in Chemistry

PLOS	K	S	AR	RC	SD
PLO-1: Demonstrate knowledge of major concepts, theoretical principles and experimental findings in chemistry.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-2: Conduct chemistry laboratory experiments and analyze results.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-3: Retrieve and use chemical information from scientific literature.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
PLO-4: Solve practical and theoretical problems and think critically.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-5: Communicate effectively both orally and in writing.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-6: Work effectively independently and in teams.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
PLO-7: Demonstrate compliance with safety, ethical and professional standards of chemistry.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Bachelor of Science in Biochemistry

PLOS	K	S	AR	RC	SD
PLO-1: Demonstrate knowledge of major concepts, theoretical principles and experimental findings in chemistry, biochemistry and biology.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-2: Conduct biochemistry laboratory experiments and analyze results.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-3: Retrieve and use chemical and biochemical information from scientific literature.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
PLO-4: Solve practical and theoretical problems in biochemistry and demonstrate critical thinking.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-5: Communicate effectively both orally and in writing.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-6: Work effectively independently and in teams	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
PLO-7: Conform to safety, ethical and professional standards of chemistry and biochemistry.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Bachelor of Science in Geosciences

PLOS	K	S	AR	RC	SD
PLO-1: Identify, formulate, and solve broadly-defined scientific problems by applying knowledge of geology supported by other sciences/mathematics and/or technical topics to areas related to the discipline.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-2: Formulate and design a system, process, procedure or program for geology samples and data collection to meet desired needs.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
PLO-3: Develop geology models based on field and laboratory experiments to test hypotheses, analyze and interpret data and use scientific judgment to draw conclusions	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-4: Communicate effectively with a range of audiences	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
PLO-5: Understand ethical and professional responsibilities and the impact of technical and/or scientific solutions in global, economic, environmental, and societal contexts	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
PLO-6: Work effectively on teams that establish goals, plan tasks, meet deadlines, and analyze risk and uncertainty	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Bachelor of Science in Mathematics

PLOS	K	S	AR	RC	SD
PLO-1: Identify, formulate and solve mathematical problems by applying knowledge of mathematics.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-2: Formulate or design a mathematical model, procedure or algorithm for real-life and interdisciplinary problems.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-3: Exploit data, use mathematical arguments in a clear well-organized and logical way and employ technology to assist in solving problems and to draw conclusions.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-4: Communicate mathematical ideas effectively through presentations and reports to a range of audiences.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
PLO-5: Search mathematical literature to understand ethics and professional responsibilities and the impact of mathematical solutions in different contexts.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
PLO-6: Work effectively on teams to accomplish common goals, plan tasks, meet deadlines, and analyze risk and uncertainty.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Bachelor of Science in Physics

PLOS	K	S	AR	RC	SD
PLO-1: Identify and solve scientific problems by applying knowledge of physics and mathematics.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-2: Develop and conduct experiments, analyze and interpret data to draw conclusions	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-3: Design a system, component, or process to meet desired specifications in computational and experimental physics.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLO-4: Communicate effectively in written and oral forms with a range of audiences.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
PLO-5: Recognize professional and ethical responsibilities and the impact of physics solutions in global energy and environmental concerns.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
PLO-6: Work effectively and responsibly on teams to accomplish a common goal.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>