

Gulf University Courses/Subjects Related to Sustainability

The total number of courses with sustainability embedded for courses running in 2023/24: **82**

#	Course Title	Notes [Provide the details of the number of modules (i.e. Lesson) focusing on sustainability]
1	Sustainability SUS301 (University Course in all Programs)	This course focuses on the concept and pillars of sustainability namely: environment, society, economic and governance. Students from different disciplines will be encouraged to identify sustainability challenges and engage in creative and innovative solutions towards these challenges. The course provides understanding of how to meet present human needs as individuals and communities, keeping in mind the needs of future generations.
2	Principles of Economics (ECO101A)	<ol style="list-style-type: none"> 1. The concept of sustainability, its dimensions, and components 2. Sustainable development, and its importance for developing countries. 3. The relationship between sustainable development and the knowledge economy considering the lofty vision 2023 of the Kingdom of Bahrain 4. The role of media in promoting and consolidating the concept of sustainability from the perspective of the economy of the Kingdom of Bahrain (Research) 5. (6 Hours)
3	Economy and Society (LAW123A)	<ol style="list-style-type: none"> 1. The impact of sustainable development on the economies of the Gulf Cooperation Council countries 2. The concept of sustainability, its dimensions, and components 3. Sustainable development and omnivorous food famine threatening the world. View and processors (Research report) (ASSIGNMENT) 4. Sustainable Development and the vicious cycle of Poverty, problems and solutions (Research report) 5. (4 Credit Hours)
4	Sustainability Engineering and Design (ENGI351)	The course sustainability engineering & design covers sustainability engineering, resources and energy use, renewable energy, the construction industry, and environmental impacts in sustainable development. It focuses on three sustainability elements: social (ensuring future quality of life), economic (creating value equitably), and environmental (maximizing natural energy benefits while minimizing negative impacts). Students learn life cycle design, assessment methods, and passive/active design strategies for energy conservation in built environment. (3 Credit Hours)
5	Smart and Sustainable Interiors (ENGI452)	This course enhances students' understanding of sustainability principles in interior design for the modern era. They learn to incorporate smart and sustainable design solutions that consider advanced technologies, digitalization, and engineering innovations. Topics covered include building automation, smart appliances, nanomaterials, and domotic products. The course explores alternative sustainable applications, considering factors like health, productivity, life cycle design, biomimicry, smart control systems, instrumentation, IoT, and smart materials. (3 Credit Hours)
6	Transportation within Interior Environments (ENGI373)	This course covers engineering knowledge related to transportation systems in buildings, including both horizontal and vertical

		movements/systems. It explores detailed engineering considerations for each system, such as components, standards and codes, health and safety, mechanical aspects, fabrication and installation, and monitoring technologies. The course introduces students to the development of alternative transportation systems for various interior built environments, such as residential, commercial, and healthcare settings. It addresses engineering studies related to interior flows, traffic planning and control, equipment selection, and necessary specifications for constructing and installing the system. The course focuses on solving circulation problems while considering factors like space, function, structure, users, special needs, engineering standards, safety constraints, energy-saving measures, sustainability, innovative technologies, and principles of engineering drives and traffic control. (3 Credit Hours)
7	Human Factors in Design INDE131	This course covers, the basic theories of human preferences and behaviors in outdoor and interior spaces with a focus on the consideration of these aspects while designing interior space. The course also deals with a range of topics to develop understanding and anamneses of human perceptions and cognition of interior spaces as well as attitudes of individuals and groups in various types of built environments. The role of the interior designer in developing the human lifestyle, wellbeing, safety, sustainable and healthy communities is emphasized. (3 Credit Hours)
8	Professional Practice and Ethics INDE441	This course covers professional practice and ethical considerations in the field of interior design. It addresses topics such as workplace accountability, professional relationships with colleagues and clients, responsibilities towards the community, society, and sustainability, as well as legal and administrative aspects. The course also explores lifelong learning approaches, including launching business practices, contracting, surveying, and developing business strategies. Students gain familiarity with budgeting, forecasting, estimates, tendering, purchasing, and relevant project management processes. They learn to collaborate with engineers, contractors, producers, suppliers, and other professional stakeholders. (3 Credit Hours)
9	Media Citizen and Community Development (COMM422A)	This course covers topics like the origins and development of citizen media, such as citizen-produced, civic, or participatory media. The learners would learn about citizen media forms, including blogs, vlogs, podcasts, digital storytelling, participatory videos, and community radio. This course will also focus on citizen media roles in developing communities and promoting issues such as sustainability, economic development, and social capital growth. This course will consist of both theories and practical applications. This course will develop critical thinking and civic sense in learners. By the end of this course, students will produce forms of blogs, vlogs, podcasts, digital storytelling, participatory videos, and community radio. (3 Credit Hours)
10	Media industry economy and sustainability (COM503A)	This course explores the transformation of media into an economic industry governed by macro and microeconomics. It covers sustainability concepts, economic feasibility, costs and returns, financing and planning tools, and their application in the media sector. The course also examines the impact of modern media tools on the transition to a knowledge economy, sustainable development, and building an environment-friendly economy. It focuses on the role of

		modern technologies in driving economic development towards desired goals, aligning with Bahrain's economic vision and the United Nations' sustainable development goals. The course also considers the interaction of the local economy with regional and international transformations, creating economic relationships and facilitating service and commodity exchange, and analyzes their impact on society and the environment. <i>(3 Credit Hours)</i>
11	Principles of Marketing (BUSS221)	The course can delve into consumer attitudes and behaviors towards sustainable products and how marketers can leverage this information to create more sustainable offerings. It can cover concepts such as ethical consumerism, conscious consumer decision-making, and the impact of marketing on sustainable purchasing choices. The course can explore how companies can develop marketing strategies that promote sustainability. This could include topics such as green marketing, socially responsible advertising, and sustainable product development. <i>(3 Credit Hours)</i>
12	Media Campaigns (PRL PRL487A)	This course deals with the concept of awareness campaigns in general, which encourage the public to accept important social ideas in general, and in Bahraini society in particular. Among the campaigns that were implemented within the framework of this course were: environmental preservation, sustainability, <i>rationalizing the use</i> of water resources, <i>electricity</i> and natural resources, recycling waste, promoting afforestation and agriculture in front of houses, food security, and many other awareness campaigns that have already been implemented in this course during the last 5 years and are related to sustainability issues. <i>(3 Credit Hours)</i>
13	Developmental Communication (COM303A)	This course covers development concepts, theories, and characteristics, as well as developmental communication concepts, traits, components, and theories. It explores the role of Bahraini media in promoting development plans and emphasizes media's social responsibility in raising awareness of sustainable development, enhancing cultural and political development, shaping public opinion, and supporting Bahrain's 2030 development plan. <i>(3 Credit Hours)</i>
14	Occupational Health Psychology	The industrial psychology course is concerned with the application of psychological theories and principles to organizations. It focuses on increasing efficiency, productivity, and related issues as the physical and mental well-being of employees at industrial organizations.
15	Physical Hazards and Control	Besides focusing on the basic information of the physical hazards in occupational settings. Throughout this course, the student will learn what are the different types of physical hazards. He will also learn what are the main sources and the health risks associated with these hazards in occupational settings. Additionally, he will learn how to measure exposures and implement controls to physical hazards according to local and international occupational standards and guidelines.
16	Health, Safety and Environmental Management Systems	The course introduces the principles of applying a system that implements the Health, Safety and Environmental policy. Identify the Health, Safety and Environmental Management Systems (HSEMS), Policy & Leadership, Risk Assessment, Strategic Planning, Goals & Objectives, Legal Requirements & Standards of Operation, Nonconformance Investigation & Corrective Action Awareness, Training & Competency, Audits, and Review. Demonstrates how the HSEMS can systematically identify, assess and manage the operational

		risks to employees, contractors, stakeholders, business and the environment. Explains the methodologies of HSEMS in providing ongoing identification, prioritization and control of risks and maintaining a continuous improvement for the HSE in the organization.
17	Occupational Risk Assessment	The course introduces the concepts and general principles of risk analysis, assessment, and management as required for effective occupational health and safety practice. The course discusses the qualitative risk identification methods and quantitative risk assessment methods and techniques. It also explains in a detailed approach to the risk management strategy and the process of managing risks in different workplace environments.
18	Environmental Impact Assessment	This course introduces a systematic process for predicting and evaluating significant environmental consequences of proposed actions. Its goal is to equip students with the latest knowledge and guidelines to conduct environmental impact assessments (EIA). The course covers the evolution and current status of EIA, legal frameworks, concepts, processes, and principles. It focuses on the science and technical aspects of EIA at the project level while also considering factors like resource availability and political constraints. The ultimate objective of the course is to enhance environmental protection through EIA.
19	English For Specific Purposes Writing Essentials: English for Academic Purposes	Unit (1) in English for Academic Writing has covered the topic of Renewable Energy (RE). It comes to focus on different clean resources of energy namely: solar, wind, hydropower, and biomass, geothermal and tidal energy. The main goal, here, is to inform the students of the importance of shifting from fossil fuels energy to renewable resource of energy. One reason for is the RE is more friendly to environment. The second reason is that RE provides abundant and constant sources of energy.
20	Introduction to Sharia (LAW113A)	The sustainability and environmental stewardship is been covered in this course, as Islam emphasizes the responsible use of resources and the preservation of the environment.
21	International Organizations	This course cover the topics such as sustainable development goals, environmental protection, climate change mitigation and adaptation, and the role of international organizations in promoting sustainability.
22	Ethics and Practices in Legal Profession (LAW412A)	This course covers the role of lawyers in advocating for sustainable practices.
23	Human Rights (LAW453A)	This course, contain a module on the impact of environmental degradation on the enjoyment of other human rights may be discussed.
24	Building Regulation and Legislation (LAW446A)	The course include modules on energy efficiency requirements, green building standards, environmental impact assessments, renewable energy integration, and sustainable construction practices
25	Real Estate- Planning and Development (LAW343A)	The module covered include legal requirements for sustainable site planning, green building practices, energy efficiency, renewable energy integration, sustainable land use and zoning, environmental impact assessments, and sustainable development frameworks and certifications.
26	Sustainability & Environment Legislations (LAW324A)	The course "Sustainability & Environment Legislations" is designed to provide students with an understanding of the legal frameworks and regulations related to sustainability and the environment. It explores the laws and policies that govern environmental protection, natural resource management, and sustainable development.

27	Building components and system (ENGI171)	The topics covered are: Energy-efficient building systems; Water-efficient systems; Sustainable materials and construction techniques and Indoor environmental quality
28	Modern & Contemporary Design (INDE331)	The modules in this course covers: <ul style="list-style-type: none"> • Sustainable design principles • Eco-friendly materials • Green building design • Sustainable product design • Social and cultural sustainability
29	Historical styles in Architecture & Design (INDE231)	The course on "Historical Styles in Architecture & Design" include module on vernacular architecture, historical examples of sustainable design, buildings and design elements that incorporated sustainable principles such as passive heating and cooling techniques, natural lighting, and efficient use of materials. The module will also delve into sustainable approaches to the restoration and adaptive reuse of historical structures, considering preservation, energy efficiency, and environmental impact.
30	Principles of Management	The Principles of Management course include sustainability modules focusing on sustainability practices and principles. This course aims to provide students with a comprehensive understanding of management concepts while emphasizing the importance of environmental, social, and economic sustainability.
31	Smart and sustainable interiors (ENGI452)	The course on Smart and Sustainable Interiors covers integrating smart technologies and sustainable practices into interior design projects, with an emphasis on reducing environmental impact and promoting energy efficiency.
32	Advanced Healthcare Design (INDE417)	This course, contain module on sustainability by introducing the sustainable design principles that promote environmentally friendly practices in healthcare facilities. This include strategies for energy efficiency, water conservation, use of renewable materials, and waste management. Energy-efficient equipment, waste reduction, recycling programs, and environmentally conscious procurement practices. Indoor air quality, natural lighting, acoustics, and access to nature, recognizing the impact of a sustainable and healing environment on patients and staff.
33	Color and Lighting Design (INDE213)	The module covers: Energy-efficient lighting design; Daylighting and natural lighting; Sustainable materials and finishes; Human-centric lighting etc.
34	Transportation within Interior Environments (ENGI373)	The module covers topic like: <ul style="list-style-type: none"> • Efficient transportation systems • Sustainable materials and finishes • Energy-efficient lighting and HVAC systems • Accessible and inclusive transportation design
35	Sustainability Engineering and Design (ENGI351)	The course covers sustainable design principles, renewable energy systems, materials selection, life cycle assessment, and environmental impact analysis. Students learn to apply sustainable engineering strategies, create eco-friendly solutions, and gain practical skills through case studies and hands-on projects. Ideal for professionals seeking to enhance their knowledge in sustainable practices and contribute to a greener future.

36	Light Frame Construction for Interiors (ENGI475)	The module cover: The efficient use of materials; Energy-efficient design; Recyclability and end-of-life considerations; Indoor environmental quality; Life cycle assessment and assessing the life cycle impact of light frame construction materials and processes which provide insights into their environmental footprint.
37	Sustainable Business Practices	This course aims to provide students with an understanding of how businesses can align economic success with environmental stewardship and social responsibility.
38	Business Law (BUSS202)	The module covers topics like: Environmental regulations; Corporate social responsibility (CSR); Sustainable business practices; Investor expectations
39	Diversity at Workplace (BUSS341)	The module covers topics like; Social sustainability, Environmental justice, Sustainable development goals (SDGs) and Ethical considerations.
40	Financial Reporting (ACCO342)	A Financial Reporting course contain modules on introducing sustainability reporting frameworks such as the Global Reporting Initiative (GRI) or the Sustainability Accounting Standards Board (SASB) standards. Non-financial disclosures in financial reports, addressing topics like environmental impacts, social responsibility initiatives, and governance practices. How sustainability practices can impact financial performance, examining factors such as the recognition of environmental liabilities or the evaluation of intangible assets related to social responsibility. Stakeholder analysis, highlighting the importance of identifying stakeholders interested in sustainability information, such as investors, regulators, customers, and others who consider sustainability factors in their decision-making processes.
41	Environment Accounting (ACCO345)	The course Environment Accounting focuses on the measurement, analysis, and reporting of environmental costs and impacts within an accounting framework.
42	Human Resource Management (HRMN251)	The modules of the course covers: <ul style="list-style-type: none"> • Sustainable HR practices • Corporate social responsibility (CSR) • Employee engagement and sustainability • Sustainable talent management
43	Bahrain Labor Law (LAWL352)	The module covers topics like; occupational health and safety, Employment practices, Working hours and rest periods, Wage and compensation
44	Small Business Management (BUSS301)	The module covered are, Sustainable business practices, Environmental considerations, Social responsibility, Regulatory compliance and Sustainable marketing and consumer preferences
45	Corporate Social Responsibility (HRMN338)	The course Corporate Social Responsibility (CSR) covers the voluntary actions and initiatives undertaken by companies to consider and address their impact on social, environmental, and economic aspects. Sustainability is a core principle within CSR, as it focuses on meeting present needs without compromising the ability of future generations to meet their own needs.
46	Business Ethics (BUSS201)	The modules include corporate social responsibility, environmental ethics, ethical considerations in sustainable business practices,

		stakeholder engagement, and the ethical implications of sustainable development.
47	Innovation and Entrepreneurship (ADM301)	The modules in the course include sustainable business models, social entrepreneurship, eco-innovation, sustainable product design, green technologies, sustainable supply chains, and the integration of sustainability principles into entrepreneurial ventures.
48	Graduation Projects	The graduation project in GU promotes students to take project from their field or discipline (such as law, engineering, business, or design), they are encourage to integrate sustainability considerations. Such as addressing sustainable practices, proposing environmentally friendly solutions, conducting life cycle assessments, or exploring the social and economic impacts of sustainable initiatives.
49	Emotional Intelligence (HRMN459)	The Module covers are: <ul style="list-style-type: none"> • Empathy and sustainability • Collaboration and sustainability • Leadership and sustainability • Change management and sustainability
50	Employee Engagement (HRMN453)	The module covers: Sustainable organizational culture; Corporate social responsibility; Sustainability communication and engagement and Ethical considerations.
51	Occupational Health & Safety (HRMN455)	The module covers: Environmental health and safety: Addressing the potential hazards and risks to the environment and workers' health arising from workplace activities. Sustainable workplace practices: Promoting sustainable practices within the workplace, such as waste reduction, energy efficiency, and resource conservation. Green technologies and occupational safety: Exploring the safety considerations associated with the use of green technologies and sustainable materials in the workplace. Occupational health and sustainability: Examining the impact of workplace conditions on the health of workers and the broader sustainability implications.
52	Sharia verdict and commissioning	The holistic view of Islam is founded on the notion of harmony and "natural state" (<i>fitra</i>) and in respecting balance (<i>mizan</i>) and proportion (<i>mikdar</i>) in the systems of the universe. These notions provide an ethical dimension and a mandate for all humans to respect nature and all forms of life.
53	Introduction to Islamic Jurisprudence 1	Islamic worldview represents a unique model for a transition to sustainable development by focusing on justice, rational growth and harmony between human and nature. -Islamic Sharia thinkers view the environmental challenges as an indicator for a moral and ethical crisis. Looking at the creation of human, Earth, and cosmos as signs of the Creator (<i>Kitab Manthoor</i>) is a key in Islamic values.
54	Strategic Management	Two modules: <ul style="list-style-type: none"> - Vision, Mission, Objectives - (Environmental Analysis)
55	Production Management	Green products, resource efficiency, waste reduction, energy management, sustainable supply chain practices, and the integration of environmentally friendly technologies into production processes.
56	Environmental Management	The role of law and regulations in environmental management. Concept of sustainable development via environmental law and regulation

57	Management for Sustainable Organization	<ul style="list-style-type: none"> - Resilience and Sustainability Planning - Outlining the Strategic Resilience and Sustainability - Measuring, Tracking, Observing, Scrutinizing, and Reporting the Resilience and Sustainability Outcomes and Results - Implementing a Strategic Resilience and Sustainability Plan: From Policies to Initiatives, Programs, and Projects. - Assessing the Intersection of Resilience and Sustainability - Evaluating Tools and Resources for Strategic Resilience and Sustainability Planning - Envisaging the Future of Strategic Resilience and Sustainability Planning - Reporting of Resilience and Sustainability - Engagement & Communications of Resilience and Sustainability <p>Partnering in Resilience and Sustainability.</p>
58	Ethics and Social Responsibility	<ul style="list-style-type: none"> - Corporate Governance and Ethics - Ethics and social responsibility in the context of diversity and inclusion - Sustainable business practices and strategies - Managing environmental risks and opportunities - Environmental sustainability and business: Climate change, Pollution and Resource depletion - Ethics in Supply Chain Management: Labor Standards, Child Labor and Product Safety <p>Social Entrepreneurship and Corporate Social Innovation</p>
59	Marketing Insight and Strategy	<ul style="list-style-type: none"> - Corporate Social Responsibility (CSR): Discussion on how companies can engage in ethical practices and contribute positively to society. - Sustainable Marketing: Strategies for promoting products and services that prioritize environmental and social considerations. - Green Marketing: Marketing strategies focused on environmentally friendly products and practices. - Consumer Behavior: Insights into how consumer preferences are shifting towards sustainable and ethical products. - Branding and Sustainability: How brands can build loyalty through sustainable practices and messaging. <p>Supply Chain Management: The importance of sustainability in sourcing, production, and distribution practices.</p>
60	Operation and Supply Chain Management	Sustainability and social responsibility in supply chain management
61	Digital Media Platforms	<p>Legal, governance, and societal aspects of digital platforms</p> <ul style="list-style-type: none"> - The dissemination of information and its impact in the context of elections and crises (e.g. the COVID-19 pandemic). <p>Social media influencers, the regulation of advertising, and consumer protection of vulnerable consumers. - Data protection policies and regulations.</p>
62	Digital Marketing	<ul style="list-style-type: none"> - Green Digital Marketing: Strategies for promoting eco-friendly products and practices online. - Ethical Marketing: Examining ethical considerations in digital marketing practices, including transparency and honesty.

		Social Media for Sustainability: Utilizing social media platforms to raise awareness about sustainability initiatives and engage consumers.
63	Managing Digital Transformation	<ul style="list-style-type: none"> - The impact of digital transformation on organizations - Digital transformation and its impact on the workforce - Digital transformation and its impact on the economy <p>The future of digital transformation and its impact on society and the world.</p>
64	Fostering and Guiding Strategic Innovation	<ul style="list-style-type: none"> - Innovation in Sustainable Business: Leveraging Social and Environmental Responsibility for Innovation <p>Innovation and Entrepreneurship: Turning Innovative Ideas into Successful Ventures</p>
65	Sustainability and Environmental Legislation	This course is entirely dedicated to sustainability topics, focusing on the legal frameworks for environmental protection and sustainable development at both the national and international levels.
66	Labor Law	Covers social security provisions , benefiting various categories of workers, aligning with SDG 8 (Decent Work and Economic Growth) and SDG 10 (Reduced Inequalities) .
67	Business Management	Discusses Business Ethics and Corporate Social Responsibility (CSR) , which touches on sustainability in business practices, aligned with SDG 12 (Responsible Consumption and Production) .
68	Land Law	Addresses land registration and associated rights , focusing on the sustainable management of land resources, contributing to SDG 15 (Life on Land) .
69	Real Estate Investment	Focuses on Analysis and Evaluation of Real Estate Investments , considering legal and sustainability aspects, aligned with SDG 11 (Sustainable Cities and Communities) .
70	Economy and Society	Directly covers Sustainable Development , its dimensions, and its importance for developing countries, contributing to SDG 1 (No Poverty) , SDG 8 (Decent Work and Economic Growth) , and SDG 10 (Reduced Inequalities) .
71	Communication Arts and Culture	Students will discuss and present sustainable digital media practices such as: eco-friendly media practices - responsible social media use - media support of sustainable initiatives - digital advertising - sustainable journalism.
72	Multimedia and Graphics	In the final project of this course students can create an eco-friendly visual identity for a sustainable product or service, using sustainable design principles and messaging.
73	Interactive media	In this course students activate a social media platform and create content. I encourage students to create stories that promote sustainability, environmental awareness, and social justice. I also teach them how to create a website and prototype apps. They can design a website or an app for a sustainable purposes.
74	Media production for PR	The theme of projects and assignments this term is tourism. I will ask students to create media that not only promotes tourism but also contributes to a more sustainable future. Additionally, I stopped

		asking them to print their flyers and magazines. Instead present them in digital mock-ups.
75	Media Campaign	During the selection of final project topics, students are engaged in discussions about SDGs and their various aspects, as well as the importance of conducting awareness campaigns on these topics. Every semester, a number of students choose subjects related to SDGs
76	The art of persuasion and influencing	During the selection of topics for final projects, students are guided to choose subjects that align with SDGs goals due to their importance in society. Usually, some students select some projects that are consistent with these goals.
77	Digital Entrepreneur	To remain competitive in today's digital world, businesses need to move fast. Digital Entrepreneurship module will focus on issues related to creating and doing business in the Digital Era. Main emphasis of the module is on practical aspects of digital entrepreneurship, including digital entrepreneurship skills, tools, practices and processes.
78	Professional Practice for the Creative Industries	This module will focus on developing students' commercial awareness within the context of the creative industries through the use of academic and practitioner sources. Students will be provided with the opportunity to evaluate the interface between academic sources and application in practice, through research and networking activities.
79	Sustainability_and_MCTPREP	aligning with SDG 8
80	Entrepreneurship in Social Media	The course explores innovation and creativity associated with digital entrepreneurship. Through a speaker series, students are introduced to important concepts and ideas from thought leaders and innovators at the intersection of social media and technology. This course provides a theoretical and practical understanding of business topics related to all social media fields. In addition, the students learn the art of freelancing, networking, negotiating, and other topics designed to assist in developing their careers. The course also focuses on an entrepreneurial strategy that deals extensively with the particular dynamics of new industries, such as those characterized by social media. The course covers topics such as developing business models that maintain revenue streams, build values, engage with continuous research and development, and aspire to grow through accessing global markets.
81	Sustainability Engineering and Design	This course introduces sustainability engineering, resources & energy use, renewable energy, construction industry, environmental impacts and their implication in sustainable development. The course focuses on the sustainability elements in terms of social: to ensure same or greater quality of life benefits for the future as the current generation, economic: to create value of the project with taking decision in most equitable and fiscally concern, and environment: to create and maintain ecosystem with maximum benefit of natural sources of energy such as daylighting, natural ventilation, and solar energy to

		minimize the negative impacts on the natural environment in terms of consumption of energy, water, materials, and land. This course supports students to apply life cycle design process, life cycle assessment methods, passive and active design strategies that response to the approach of energy conservation in the built environment.
82	Smart and Sustainable Interiors Course	This course advances student's awareness of principles and concepts of sustainability within the context of interior design for the 21st century. Students will integrate smart and sustainable design solution to ensure sustainable built environment considering advanced technologies, digitalization and engineering innovations; such building automation ,smart appliances, nano-materials and domotic products. Alternative sustainability applications will be explored in light of broad range of factors and projects contributing to a sustainable society such as health, productivity, life . cycles, biomimicry, smart control systems and instrumentation, IOT, smart material etc.

Description:

Above is a list of the courses that have had changes approved by Higher Education Council, Bahrain and Curriculum Refresh programme which aims to embed sustainability into all course and module content offered by the University.

The list also includes courses with sustainability already embedded, and those that include the Sustainability in Practice Certificate as part of the core curriculum.

Total number of courses with sustainability embedded for courses running in 2023/24: **82**

Additional evidence link (i.e., for videos, more images, or other files that are not included in this file)

<https://www.gulfuniversity.edu.bh/colleges/communication-and-media-technologies/bachelor-in-mass-communications/>

<https://www.gulfuniversity.edu.bh/colleges/communication-and-media-technologies/master-in-mass-communications/>

<https://www.gulfuniversity.edu.bh/colleges/engineering/bachelor-in-interior-design-engineering/>

<https://www.gulfuniversity.edu.bh/colleges/engineering/bachelor-in-mechanical-engineering/>

<https://www.gulfuniversity.edu.bh/colleges/engineering/bachelor-in-electrical-and-electronic-engineering/>

<https://www.gulfuniversity.edu.bh/colleges/administrative-and-financial-science/bachelor-in-human-resources-management/>

<https://www.gulfuniversity.edu.bh/colleges/law/bachelor-in-law/>

<https://www.gulfuniversity.edu.bh/colleges/administrative-and-financial-science/bachelor-in-accounting-and-finance/>