




A Strategic Framework for Aligning Undergraduate and Postgraduate Courses with the Sustainable Development Goals

October 2024









Purpose and Framework for Aligning Courses with SDG

Higher education institutions play a vital role in advancing the SDGs by preparing students for their careers and as contributors to sustainable development. This framework aligns undergraduate course learning outcomes with the SDGs by integrating these goals into course content and assessments. The goal is to equip students with the skills and knowledge needed to promote the SDGs and raise awareness of their practical applications. MCBS is reviewing course syllabi to embed sustainability concepts across disciplines, ensuring all students are prepared to contribute to sustainable development in their academic and professional journeys.






Mapping Sustainable Development Goals with Academic Departments

	<p>Graduates can develop economic policies and business strategies to reduce poverty and promote economic opportunities.</p>
	<p>Graduates will be capable of designing supply chain solutions to improve food distribution and minimize waste, managing food security policies, as well as developing technology solutions to enhance agricultural productivity and food distribution.</p>
	<p>Graduates will have the skills to effectively manage healthcare organizations and devise strategies aimed at enhancing community health services. They will be equipped with the knowledge to develop and supervise public health policies and programs.</p>
	<p>Graduates from each program can contribute to improve the educational system by developing educational programs and policies that promote equal access and ensure high-quality learning opportunities.</p>
	<p>Graduates will promote gender diversity and equality within organizations. They will implement and advocate for gender equality policies at local, national, or international levels.</p>
	<p>Graduates will be capable of managing public water resources and sanitation projects, as well as utilizing technology to supervise and enhance water distribution systems.</p>

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	<p>Graduates can contribute to the design and implementation of smart energy management systems. They can develop sustainable business strategies and manage projects for renewable energy adoption.</p>
	<p>Graduates will be able to create strategies for sustainable economic growth and job creation, implement policies to support employment and decent work.</p>
	<p>Graduates will be able to build technological infrastructure to support innovation and industrial growth, utilize data models to drive innovation in infrastructure planning, and lead organizational change and innovation management.</p>
	<p>Graduates can promote business practices, such as equal pay policies, diverse hiring practices, and corporate social responsibility programs that support communities, and they can create technology solutions that improve access to essential services for disadvantaged groups.</p>
	<p>Graduates can design and implement smart city technologies that enhance the efficiency of infrastructure, and work in real estate development firms, promoting sustainable business practices in housing.</p>
	<p>Graduates will be able to implementing sustainable business models this includes sustainable supply chains, minimizing the use of raw materials, and adopting circular economy principles, such as recycling, reusing, and reducing waste.</p>
	<p>Graduates can contribute by integrating climate change awareness and action into their respective majors, whether through data analysis, policy development, sustainable business practices, or technology innovations.</p>

	<p>Graduates can advocate for sustainable land management within organizations, ensuring that companies adopt practices that minimize environmental impact.</p>
	<p>Graduates play a crucial role in promoting justice and building strong institutions by ensuring that legal frameworks are fair, transparent, and accessible.</p>
	<p>Graduates from any department can contribute to this goal by building partnerships that promote knowledge sharing, joint research, and cross-sector collaboration.</p>



**SUSTAINABLE
DEVELOPMENT GOALS**

Steps for Aligning Courses with the SDGs

1. Ensure that all course syllabi are aligned with OQF



2. Verify that the main topics outlined in the course description are clearly reflected in the course objectives and accurately translated into the intended learning outcomes.



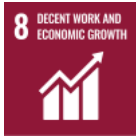

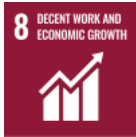


3. Evaluate each course's learning outcomes to identify how they connect to and support the Sustainable Development Goals

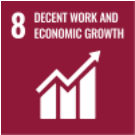






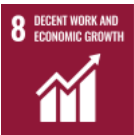



4. Align the relevant learning outcome with the corresponding SDG to create a direct connection between course content and sustainable development themes.

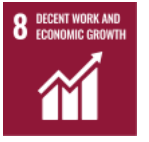


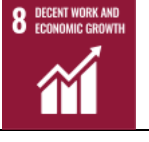
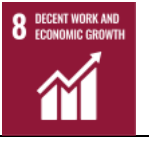


5. Identify which assessment tools, such as assignments, projects, or exams, best measure the learning outcomes linked to the SDGs.






Course Code	Course Title	CLO	Aligning with the SDG's	Direct SDG
ACT 140	Fundamentals of Financial Accounting	Calculate the cost of goods sold and closing inventory using inventory cost flow methods.	Related to SDG 8 , this foundational knowledge enables students to make informed financial decisions that affect a company's resource allocation, contributing to overall economic productivity.	
ACT 145	Managerial Accounting	Prepare operational and financial budgets to execute budgetary control and determine variances from standard costs.	<p>Related to SDG 12, students can analyze the variances from standard costs to identify where performance does not meet budgeted expectations. This helps evaluate how efficiently operations run and reveals areas of waste or inefficiency in production.</p> <p>Related to SDG 8, by learning how to create budgets and analyze performance, students can help businesses operate more efficiently. This means companies can produce more with the same resources, which increases productivity.</p>	 
ACT 340A	Financial Accounting and Reporting I	Apply relevant IFRS Accounting Standards in relation to accounting for impairments of assets and inventories and agriculture.	Related to SDG 12 , through the application of IFRS standards, students learn to manage resources and reduce waste. This promotes sustainable practices in agriculture and encourages effective inventory management.	
ACT 340B	Financial Accounting and Reporting II	Interpret the results of financial statement analysis of single entities and groups.	Related to SDG 8 , interpreting financial statements helps students enhance decision-making skills that lead to improved business strategies and sustainable growth. Their analysis helps identify strengths and weaknesses and fostering transparency. This contributes to financial stability and attracts investment, and support economic activity.	






Course Code	Course Title	CLO	Aligning with the SDG's	Direct SDG
ACT 341	Financial Accounting and Reporting III	Interpret the measurement and disclosure principles for retirement benefit plan reports	Related to SDG 8 , by interpreting the measurement and disclosure principles for retirement benefit plans, students ensure that companies provide transparent information about employee benefits. This transparency promotes trust and accountability, encouraging businesses to offer fair and sustainable retirement options.	
ACT 342	Advanced Financial Accounting	Translate foreign currency in the consolidation of financial statements.	Related to SDG 10 , learning to translate foreign currencies helps students better understand international financial reporting, supporting businesses in navigating global markets, fostering economic ties between countries, and reducing disparities.	
ACT 343	Accounting for Governmental and Non-Profit Organizations	Collaborate with other students in comparing the accounting procedures for profit-making enterprises with governmental and not-for-profit enterprises.	<p>Related to SDG 16, collaborating to compare accounting procedures helps students understand how different organizations operate and the importance of transparency in both profit and non-profit sectors. This fosters accountability and ethical practices, which are crucial for good governance.</p> <p>Related to SDG 17, emphasizing the importance of partnerships, collaboration, and resource mobilization among profit-making, governmental, and non-profit entities is crucial to achieve sustainable development goals.</p>	 





Course Code	Course Title	CLO	Aligning with the SDG's	Direct SDG
ACT 344	Computer Applications in Accounting	Generate financial statements for a service-based and merchandising company using accounting software.	Related to SDG 9 , students can enhance their understanding of how technology improves financial reporting and business operations by using accounting software to generate financial statements for service-based and merchandising companies. This use of technology supports the development of resilient infrastructure and fosters innovation in accounting practices.	
ACT 345	Cost Accounting	Apply appropriate decision-making techniques to facilitate business decisions involving the risks and uncertainty inherent in business, and scarce business resources.	<p>Related to SDG 8, when students apply decision-making techniques to navigate risks, uncertainties, and scarce resources in business, they improve their ability to make informed choices that support sustainable economic growth.</p> <p>Related to SDG 12, when students apply decision-making techniques to manage risks in business while taking scarce resources into account, they learn to promote sustainable consumption and production practices. This knowledge encourages responsible resource use and waste reduction in business operations.</p>	 
ACT 351	Advanced Managerial Accounting	1-Analyze the financial and non-financial performance of private, public, and not-for-profit organizations, appreciating the problems of controlling divisionalised businesses and the importance of allowing for sustainability and external aspects.	Related to SDG 12 , ensuring sustainable financial management practices in organizations contributes to responsible resource use, efficiency, and long-term economic sustainability.	
ARA 110	Arabic for Native Speakers	Acquire the skills to read simple texts on familiar topics and understand the main ideas.	Related to SDG 4 , students enhance their literacy and abilities by acquiring the skills to read simple texts on familiar topics and understand the main ideas.	

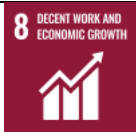


AVIA 111	Introduction to Aviation Management	Understand the basic principles of aviation economics, including airline pricing, cost structures, and financial management within aviation organizations.	Related to SDG 8 , students will understand the basic principles of aviation economics, including airline pricing, cost structures, and financial management and will gain insights into efficient business practices that promote sustainable economic growth in the aviation industry.	
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Course Code	Course Title	CLO	Aligning with the SDG's	Direct SDG
AVIA 120	Introduction to Airline Management	Evaluate marketing strategies and their application within the airline industry	Related to SDG 8 , students develop critical skills in promoting business growth and sustainability by evaluating marketing strategies and their application within the airline industry.	
AVIA 207	Introduction to Air Transportation	Analyze the economic impact of the air transportation industry on regions, nations, and the global economy.	Related to SDG 8 , by analyzing the economic impact of the air transportation industry on regions, nations, and the global economy, students gain insights into how aviation contributes to economic growth and job creation.	
AVIA 208	Economics of Air Transportation	Identify international standards of aviation slot management.	Related to SDG 9 , students learn about the efficient use of airport resources and infrastructure by identifying international standards of aviation slot management.	
AVIA 218	Airport Planning and Design	Assess and propose design solutions for airport elements, considering safety, efficiency, and sustainability.	Related to SDG 9 , students will contribute in building resilient infrastructure and enhance innovation in the aviation sector by proposing design solutions for airport elements.	





Course Code	Course Title	CLO	Aligning with the SDG's	Direct SDG
AVIA 305	Introduction to Meteorology	Demonstrate the application of weather-related information in aviation decision-making.	Related to SDG 13 , by applying weather-related information in aviation decision-making students can learn to integrate climate and weather data into operational strategies.	
AVIA 318	Airports and the Environment	Students will gain insights into the global standards and strategies established by ICAO to address the environmental impacts of aviation, including greenhouse gas emissions, noise pollution, and sustainable aviation practices.	Related to SDG 13 , by gaining insights into the global standards to address the environmental impacts of aviation students will learn how to mitigate environmental issues such as greenhouse gas emissions and noise pollution.	
AVIA 320	Airport Marketing	Planning and implementing major projects such as terminal expansions, runway upgrades, and new facilities to accommodate future growth and enhance operational capacity.	Related to SDG 9 , students contribute to building resilient infrastructure in the aviation sector by proposing design solutions for airport elements.	
AVIA 321	Airport Marketing	Forming long-term alliances with airlines, stakeholders, and businesses to secure routes, increase traffic, and foster mutual benefits.	Related to SDG 9 , strengthening partnerships in the aviation sector contributes to sustainable infrastructure and innovation in airport operations.	
AVIA 322	Airport Marketing	Developing and integrating sustainability plans, including environmental policies, energy-efficient practices, and sustainable aviation fuels, to address future regulatory and environmental challenges.	Related to SDG 7 , students contribute to the design and implementation of smart energy management systems. They can develop sustainable business strategies, manage projects for renewable energy adoption, and implement corporate energy policies to promote responsible energy use within organizations.	


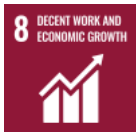
AVIA 323	Airport Marketing	Establishing the airport's position in the global market through branding, service diversification, and targeted investments to attract international airlines and passengers.	Related to SDG 9 , students contribute to building resilient infrastructure and enhance innovation in the aviation sector by proposing design solutions for airport elements.	
AVIA 324	Airport Marketing	Investing in advanced technologies for automation, data management, and customer service enhancements to stay competitive and improve operational efficiency over the long term.	Related to SDG 9 , students contribute to integration of technology in building resilient and advanced infrastructure and enhance innovation and automation, in the aviation sector.	
AVIA 349	Special Topics in Aviation Management Airport Privatization	Evaluate the effectiveness of different privatization models in airport management	Related to SDG 9 , students contribute to building resilient infrastructure and enhancing innovation in the aviation sector.	
BLAW 4311	Translation (English to Arabic)	Compose and draft legal documents pertaining to conveyancing.	Related to SDG 4 and SDG 16 , this course supports quality education by providing students with essential translation skills.	 




Course Code	Course Title	CLO	Aligning with the SDG's	Direct SDG
BHSM 3306	Environmental Compliance	<p>Formulate strategies to identify and mitigate the sources of pollution through a clear understanding of Environmental Cycles</p> <p>Develop an integrated and comprehensive perspective of the concepts and theories comprising Environmental Pollution, Causes and Mitigation for Sustainable Environment Development</p>	Related to SDG 13 , by formulating strategies to identify and mitigate pollution sources students contribute to climate action and the reduction of environmental degradation.	
BHSM 3309	Fire and Safety Emergency Management	<p>Explain the sources of fuel for each element of fire triangle</p> <p>Explaining the sources of fuel for each element of the fire triangle involves identifying materials that contribute to fire. This includes combustible substances (fuel), heat sources (ignition), and oxygen, which together sustain and spread flames.</p>	<p>Related to SDG 11, students contribute to understanding how fire safety plays a crucial role in promoting sustainable cities and communities.</p> <p>Effective insurance policies can help mitigate risks associated with urban living, such as property damage from natural accidents.</p>	
BHSM 3307	Legal Environments of Health and Safety	Identify and understand the sources and origins of Omani law	Related to SDG 16 , students gain insights into the legal frameworks that govern health and safety standards in Oman.	
BLAW 3305	Omani Business Laws	Exhibit an awareness of ethical considerations influencing business practices in Oman	Related to SDG 16 , students promote ethical business conduct and responsible governance by exhibiting an awareness of ethical considerations influencing business practices in Oman. This understanding helps foster transparency and accountability and contributes to just and peaceful societies.	



			Related to SDG 8 , this knowledge encourages sustainable economic growth by ensuring businesses operate ethically and responsibly, leading to improved labor practices and decent work opportunities.	
BLAW 4313	Introduction to Cyber Laws	Apply legal reasoning to analyze and solve e-commerce business to consumer related legal issues including identifying opportunities and challenges for businesses operating in the digital realm.	Related to SDG 9 , this knowledge empowers students to identify opportunities and challenges for businesses operating in the digital realm, encouraging innovation and the development of resilient infrastructure that enhances economic growth and sustainability in the digital economy.	
BLAW 4314	Company Law	Interpret and apply some of the main statutory rules and provisions in the statute to corporate behavior in the context of disclosure, capital raising, insolvency, ethics and sustainability.	Related to SDG 9 , this knowledge empowers students to interpret and identify opportunities and challenges for businesses operating in the digital realm, encouraging the application of statute rules when raising capital and ensuring practices follow ethical and sustainable practices while doing so.	





Course Code	Course Title	CLO	Aligning with the SDG's	Direct SDG
BLAW 4316	Property Law	Explain the basic concepts of property law, such as property, ownership.	Related to SDG 16 , By explaining the basic concepts of property law, such as property and ownership, students enhance their understanding of legal rights and responsibilities. This knowledge promotes justice and transparency in property, contributing to just and peaceful societies.	
BLAW 4319	Corporate Governance and Regulations	CLO 4 Apply corporate governance best practices and principles to foster ethical business practices, sustainability, and long-term success.	Related to SDG 16 , collaborating to compare accounting procedures helps students understand how different organizations operate and the importance of transparency in both profit and non-profit sectors. This fosters accountability and ethical practices, which are crucial for good governance.	


BTLM 2304	Logistics Management	Integrate logistics management strategies with other functional strategies	Related to SDG 9 , students contribute to building resilient infrastructure and fostering innovation within organizations by integrating logistics management strategies with other functional strategies. This approach enhances operational efficiency, reduces costs, and promotes sustainable industrialization.	
BTLM 3309	Supply Chain Management	Understand and demonstrate the application of sustainable supply chain practices aligned with economic, social, and environmental considerations.	Related to SDG 12 , when students apply decision-making techniques to manage risks in business while taking scarce resources into account, they learn to promote sustainable consumption and production practices. This knowledge encourages responsible resource use and waste reduction in business operations.	
BTLM 4315	Research Analysis and Writing	Evaluate professional codes of conduct, ethics, and sustainability principles to inform decision-making processes.	Related to SDG 9 , students contribute to integration of ethical codes of conduct and application of sustainable principles in the process of decision-making involving building resilient and advanced infrastructure and fostering innovation and automation, in the transport and logistics sector. This understanding promotes competitive but sustainable industrialization by ensuring that the transport and logistics industry meets modern demands while minimizing environmental impact over the long term.	
BTLM 4317	Transportation Safety	Evaluate professional codes of conduct, ethics, and sustainability principles to inform decision-making processes.	Related to SDG 9 , students contribute to integration of ethical codes of conduct and application of sustainable principles in the process of decision-making involving building resilient and advanced infrastructure. This understanding promotes competitive but sustainable industrialization by ensuring that the transport and logistics industry meets modern demands while minimizing environmental impact over the long term.	





BTLM 4318	Quality Management	Understand and analyze the Seven Tools of Quality to address quality-related issues	Related to SDG 9 , students can enhance operational efficiency and promote innovation in processes by understanding and analyzing the Seven Tools of Quality. This helps them address quality-related issues effectively, contributing to the development of resilient infrastructure and fostering sustainable industrial practices.	
BUS 391	Strategic Management	Formulate strategies based on the analysis of the external and internal business environment	Related to SDG 8 , by formulating strategies based on analyzing the external and internal business environment students contribute to sustained economic growth and decent work opportunities.	

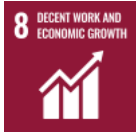



Course Code	Course Title	CLO	Aligning with the SDG's	Direct SDG
BUS 301	Research Methods	Select the appropriate research methodology and data analysis techniques	Related to SDG 4 , students enhance their research skills by selecting appropriate research methodologies and data analysis techniques, which are essential for producing quality education and promoting lifelong learning.	
COSC 1301	Object Oriented Programming I	Recognize fundamental programming control structures, arrays, strings, and exception handling.	Related to SDG 4 , by understanding fundamental programming control structures, arrays, strings, and exception handling students develop essential programming skills that contribute to quality education.	
COSC 2301	Object Oriented Programming II	Use an integrated development environment to write, compile, run, and test complex object-oriented Java programs	Related to SDG 9 , this learning outcome supports the development of resilient infrastructure by equipping students with advanced programming skills essential for innovation in software development.	

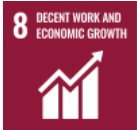
COSC 2320	Database Management System	Implement the database systems using functions, triggers, and procedures with effective security measures for real word problems	Related to SDG 9 , by implementing database systems using functions, triggers, and procedures students contribute to the development of resilient infrastructure.	
COM 040	Intercultural Communications	Demonstrate the ability to work independently to develop communication styles suited for business settings	Related to SDG 10 , this learning outcome supports reduced inequalities by promoting awareness and appreciation of cultural differences.	




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COM 030	Interpersonal Communication	Use appropriate emotional and cultural skills in written and oral communication	Related to SDG 4 , by using appropriate emotional and cultural skills in written and oral communication, students enhance their communication skills.	
COSC 2325	Data Communication and Networks	Implement the network topologies, switching and routing concepts on different network layers.	Related to SDG 9 , by implementing network topologies, switching, and routing concepts across different network layers students contribute to the development of resilient infrastructure.	
COSC 2350	System Programming and Tools	Develop basic skills to write c program using system calls.	Related to SDG 4 , by learning to write C programs using system calls students can enhance their programming and technical skills.	
COSC 4354	Introduction to Digital Image Processing	Define image transformations and image enhancement techniques	Related to SDG 4 , students learn important skills in digital image processing through the definition of image transformations and image enhancement techniques.	



CPT 170	Programming with Visual Basic	Independently explore different approaches for designing event-driven programs using online resources	Related to SDG 4 , by understanding image transformations and enhancement techniques students acquire valuable skills in digital image processing.	
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Course Code	Course Title	CLO	Aligning with the SDG's	Direct SDG
ECON 110	Principle of Microeconomics	Independently research a contemporary economic scenario and apply microeconomic concepts	Related to SDG 8 , by independently researching contemporary economic scenarios and applying microeconomic concepts students enhance their understanding of economic situations and market dynamics.	
CPT 220	Programming & Data Structures	Implement given problems using various data structure algorithms	Related to SDG 4 , by implementing problems using various data structure algorithms, students develop analytical and problem-solving skills that are essential for computing and software development.	
CPT 381	Topics in Computer Science	Analyze and explore selected topics in computer science	Related to SDG 9 , this learning outcome promotes the development of resilient infrastructure by fostering innovation and the exploration of emerging technologies.	
CPT 382	Computer Science Project I	Identify current trends in computing industry and select appropriate project topic	Related to SDG 4 , by recognizing current trends in the computing industry students can improve their research and analytical skills.	




Course Code	Course Title	CLO	Aligning with the SDG's	Direct SDG
ECON 120	Principle of Macroeconomics	Independently write a reflection paper on the current Omani economic scenario	Related to SDG 8 , students independently write a reflection paper on the current Omani economic scenario to enhance their understanding of macroeconomic principles.	
ECON 200	Oman and AGCC Economy	Collaborate to prepare a research report comparing GCC economies with other regional economic blocs	Related to SDG 17 , students collaborate to prepare a research report that compares GCC economies with other regional economic blocs.	
ECON 250	Mathematical Economics	Evaluate and interpret economic models using mathematical techniques	Related to SDG 4 , by evaluating and interpreting economic models using mathematical techniques students enhance their analytical and problem-solving skills.	
ECON 265	Economic Statistics	Apply the analysis of variance (ANOVA) using statistical software in a given data	Related to SDG 4 , students enhance their statistical and analytical skills by applying the analysis of variance (ANOVA) using statistical software on given data, which is crucial for quality education.	

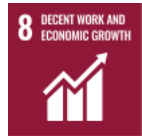
Course Code	Course Title	CLO	Aligning with the SDG's	Direct SDG
ECON 305	Economic Development	Evaluate the domestic economic development situation and propose solutions to address key issues	Related to SDG 8 , by assessing the domestic economic development situation and suggesting solutions to address critical issues students promote sustainable development and effective economic strategies.	





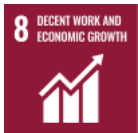
ECON 307	The Business Firm - History Theory & Policy	Evaluate the importance of ethics and CSR for modern firms, society and the national economy	Related to SDG 16 , evaluation of ethics and CSR importance for modern firms, society, and the national economy provides insights into how ethical practices contribute to trust and accountability in business.	
ECON 330	International Economics	Apply concepts and tools in analysis of modern international trade and finance issues and their applications (including trade restrictions, foreign investment, international trading systems and groupings, and balance of payments and exchange rates).	Related to SDG 17 , by applying concepts and tools to analyze modern international trade and finance issues, students gain insights into the importance of collaboration among countries.	
ECON 351	Intermediate Economic Theory - Microeconomics	Independently investigate and report the challenges in economic development of countries at local and global scenarios	Related to SDG 1 , students enhance their understanding of poverty by independently investigating and reporting the challenges in the economic development of countries at local and global levels.	





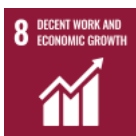
Course Code	Course Title	CLO	Aligning with the SDG's	Direct SDG
ECON 360	Natural Resource Economics	Develop skills to address optimization and sustainability issues in natural resource management	Related to SDG 12 , by developing skills to address optimization and sustainability issues in natural resource management students can enhance their ability to promote responsible consumption and production patterns.	
EDU 132	Personal Health	Recognize the consequences of certain diseases and how to prevent its occurrence	Related to SDG 3 , by recognizing the consequences of certain diseases and understanding how to prevent their occurrence students enhance their awareness of health and well-being.	

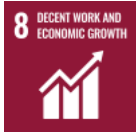
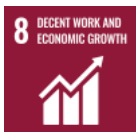
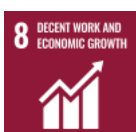

ENG 101	English Composition I	Independently apply linguistic and referencing skills in a given assignment	Related to SDG 4 , by independently applying linguistic and referencing skills in assignments, which are essential for quality education students enhance their communication abilities.	
ENG 102	English Composition II	Write reports using appropriate linguistic and research formatting	Related to SDG 4 , by writing reports using appropriate linguistic and research formatting, which are essential for quality education students enhance their communication skills.	

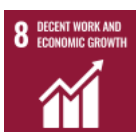
Course Code	Course Title	CLO	Aligning with the SDG's	Direct SDG
ENG 105	Introduction to Public Speaking	Prepare the content, delivery, and evaluation of a speech using cognitive and analytical skills	Related to SDG 4 , students enhance their communication abilities by preparing, delivering, and evaluating speeches using cognitive skills.	
ENG 106	Introduction to Public Speaking (Commercial Law)	Understand and appreciate audience diversity with cultural humility	Related to SDG 10 , students enhance their ability to communicate effectively across different cultural contexts by understanding and appreciating audience diversity with cultural humility.	
ENG 120	Introduction to Literature	Apply critical thinking skills that promote continuous learning and reflection in both academic and real-world scenarios	Related to SDG 4 , by applying critical thinking skills that encourage ongoing learning and reflection in academic and real-world situations students can improve their ability to analyze and interpret different forms of literature.	





ECON 220	Money and Banking	Independently research the economic implications of regulating interest rates and foreign exchange	Related to SDG 8 , by independently researching the economic implications of regulating interest rates and foreign exchange students gain insights into how these regulations impact economic growth and stability.	
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Course Code	Course Title	CLO	Aligning with the SDG's	Direct SDG
ECON 235	Islamic Economy and Banking	Describe the historical development of Islamic banking & finance with reference to the region and within Omani context as well.	Related to SDG 8 , students gain insights into how the historical development of Islamic banking and finance within the Omani context contributes to sustainable economic growth.	
ENG 212	Business Writing	Review business correspondence based on values, ethics, and professional codes of conduct	Related to SDG 16 , students enhance their understanding of the importance of integrity and accountability in communication by reviewing business correspondence based on values, ethics, and professional codes of conduct.	
ENG 213	Technical Writing	Use appropriate communication skills to write reports, job letters, and project specifications for diverse audiences	Related to SDG 4 , by using appropriate communication skills to write reports, job letters, and project specifications for diverse audiences students enhance their ability to convey information clearly and effectively.	
ENG 250	Critical Reading	Demonstrate the ability to participate in debates, discussions, and exchange of viewpoints with peers	Related to SDG 4 , students enhance their critical thinking and analytical skills by demonstrating their ability to participate in debates, discussions, and the exchange of viewpoints with peers.	
ENT 201 A	Entrepreneurship: Creativity and Innovation	Develop a clear appreciation of innovation and entrepreneurship and their impact on the economy	Related to SDG 8 , by understanding innovation and entrepreneurship and their impact on the economy students understand how these elements drive economic growth.	



Course Code	Course Title	CLO	Aligning with the SDG's	Direct SDG
ESBM 2303	Business Correspondence	Collaborate for exploring and application of new knowledge to address emerging trends, advancements, and opportunities in transportation and logistics.	Related to SDG 9 , by working together to explore and apply new knowledge to address emerging trends in transportation and logistics students contribute to the development of strong infrastructure.	
ESBM 4311	Introduction to Information System	Role of Information System in Transport and Logistics	Related to SDG 9 , by understanding the role of information systems in transport and logistics students gain insights into how technology enhances operational efficiency and effectiveness within these sectors.	
FIN 204	Financial Management	Independently research corporate finance functions for a given case in the context of Oman	Related to SDG 8 , students enhance their understanding of financial management by independently researching corporate finance functions for a given case in the context of Oman.	
FIN 205	Investment Management and Portfolio Analysis	Apply advanced understanding of values and ethics in asset valuations	Related to SDG 16 , by applying an advanced understanding of values and ethics in asset valuations students can contribute to promoting transparency and accountability in investment management.	
FIN 334	Investments	Explain the benefits of diversification by holding an optimal mix of assets in a portfolio	Related to SDG 8 , by explaining the benefits of diversification through holding an optimal mix of assets in a portfolio, students enhance their understanding of investment strategies that promote sustained economic growth.	





Course Code	Course Title	CLO	Aligning with the SDG's	Direct SDG
FIN 338	Practice of Personal Financial Planning	Analyze and evaluate various investment alternatives and strategies and match them with specific client needs and objectives.	Related to SDG 8 , by analyzing and evaluating various investment alternatives and strategies to match them with specific client needs and objectives students enhance their understanding of personal financial management	
FIN 350	Financial Policies / Advanced Financial Management	Using spreadsheets, conduct a capital budgeting analysis of a sample project or venture	Related to SDG 8 , by using spreadsheets to conduct a capital budgeting analysis of a sample project or venture students enhance their understanding of financial decision-making processes for sustained economic growth	
FIN 356	Commercial Bank Management	Apply various tools for managing and hedging against risk in the dynamic banking sector	Related to SDG 8 , students enhance their understanding of financial stability and banking practices by applying various tools for managing and hedging against risk in the dynamic banking sector.	
FIN 360	Principles of Insurance	Analyze the standard features of liability, auto, and household insurance	Related to SDG 11 , students contribute to understanding how insurance plays a crucial role in promoting sustainable cities and communities by analyzing the standard features of liability, auto, and household insurance.	


Course Code	Course Title	CLO	Aligning with the SDG's	Direct SDG
FIN 380	International Finance	Manage foreign currency exposure for multinational corporations	Related to SDG 8 , students enhance their understanding of international financial markets and risk management strategies by learning to manage foreign currency exposure for multinational corporations.	



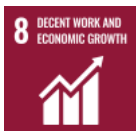

HERT 102	Heritage Tourism and Resources in Oman	Evaluate and analyze the tourism industry in Oman	Related to SDG 8 , by evaluating and analyzing the tourism industry in Oman, students gain insights into its economic impact and potential for growth.	
HIST 100	History of Islamic Science	Analyze the contexts that led to the rise of Islamic science and their impact on scientific progress	Related to SDG 4 , students enhance their understanding of the historical development of knowledge by analyzing the contexts that led to the rise of Islamic science and their impact on scientific progress.	
ICT 101	Fundamentals of Information Technology	Acquire competence through the study of modern trends in information technology	Related to SDG 4 , students improve their digital literacy and technical skills by studying the latest trends in information technology. These skills are crucial for receiving a quality education and prepare students for the continuously changing job market.	
ICT 130	Introduction to Operating System and Networking	Identify the types of networks, their applications, and network topology	Related to SDG 9 , by identifying the types of networks, students enhance their understanding of network infrastructure.	


Course Code	Course Title	CLO	Aligning with the SDG's	Direct SDG
ICT 205	Software Engineering	Interpret coding guidelines, software verification and validation processes, and documentation and maintenance activities	Related to SDG 9 , students can improve their understanding of best practices in software development by interpreting coding guidelines, software verification and validation processes, and documentation and maintenance activities.	
ISEC 2340	Principles of Information Security	Prepare a Business Continuity and Disaster Recovery Plan for a small organization	Related to SDG 9 , students enhance their understanding of risk management by preparing a business continuity and disaster recovery plan for a small organization.	


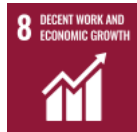
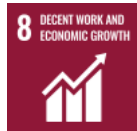

ISEC 3310	Network Security	Understand the core foundations of ethics in network security	Related to SDG 16 , by understanding the core foundations of ethics in network security students enhance their awareness of the importance of integrity and responsible behavior.	
ISEC 3340	Application Security	Develop Secure coding and development practices	Related to SDG 16 , students help build trust in digital systems by ensuring that software is secure, which is crucial for maintaining social stability and justice.	





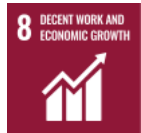
Course Code	Course Title	CLO	Aligning with the SDG's	Direct SDG
ISEC 3372	Ethical Hacking and Security	Gain knowledge of the tools, techniques, and ethical issues in ethical hacking, along with understanding ethical responsibilities	Related to SDG 16 , by learning about the tools, techniques, and ethical considerations involved in ethical hacking students promote peace and strengthen institutions.	
ISEC 4340	Business Continuity and Operations Security	Analyze common organizational risks and threats to business system continuity	Related to SDG 9 , by analyzing common organizational risks and threats to business system continuity students contribute to developing resilient infrastructure.	
ISYS 2310	IT Infrastructure	Evaluate emerging technologies based on various business requirements	Related to SDG 9 , by evaluating emerging technologies based on various business requirements students contribute to developing resilient infrastructure.	
ISYS 4310	IS Strategy, Management and Acquisition	Analyze the key strategic issues facing managers in deploying and exploiting enterprise information technology and systems	Related to SDG 9 , students contribute to developing resilient infrastructure by analyzing the critical strategic issues facing managers in deploying enterprise information technology and systems.	

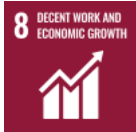

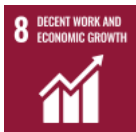


MAN 210	Management and Organizational Behavior	Evaluate the factors that impact organizational performance	Related to SDG 8 , by evaluating the factors that impact organizational performance students gain insights into how to enhance productivity and create decent work opportunities.	
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Course code	Course Title	CLO	Aligning with the SDG's	Direct SDG
LOM 252	Introduction to Operations Management	Recognize critical areas of operations and establish priorities for problem-solving to effectively achieve organizational goals in the context of Omani businesses	Related to SDG 8 , by recognizing critical areas of operations students enhance their ability to improve organizational efficiency and effectiveness.	
MAN 309	Human Resource Management	Evaluate legal and ethical challenges in HRM practices locally and globally	Related to SDG 8 , students enhance their understanding of creating fair work environments by evaluating local and global legal and ethical challenges in human resource management practices. This knowledge prepares them to navigate HR complexities, ensuring that organizations support employee engagement and productivity.	
MAN 317	International Management	Practice basic research skills to investigate issues within international management concepts and effectively communicate the results	Related to SDG 8 , students develop a better understanding of global business dynamics and practice basic research skills to investigate issues within international management concepts, fostering sustainable economic growth.	
MAN 319	Employee Training and Development	Evaluate various training methods to design an effective training program	Related to SDG 8 , by evaluating various training methods to design an effective training program students enhance their understanding of improving employee skills and performance.	


			Related to SDG 4 , this process also promotes quality education in the workplace, fostering a culture of continuous learning and professional development.	
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Course Code	Course Title	CLO	Aligning with the SDG's	Direct SDG
MAR 301	Consumer Behavior	Analyze the consumer decision-making process and post-purchase behavior	Related to SDG 12 , by analyzing the consumer decision-making process and post-purchase behavior students gain insights into sustainable consumption patterns.	
MAN 392	Entrepreneurship/Small Business Management	Analyze the business environment of Oman and identify opportunities	Related to SDG 8 , by analyzing Oman's business environment and identifying opportunities, students gain insights into the factors that drive economic growth and entrepreneurship.	
MAR 206	Basic Marketing	Collaborate to evaluate local and global marketing situations and formulate strategies	Related to SDG 8 , by collaborating to evaluate local and global marketing situations and formulate strategies students enhance their understanding of market dynamics and consumer behavior.	
MAR 270	Management of Promotion	Design advertising solutions using creative processes	Related to SDG 9 , by designing advertising solutions using creative processes, students contribute to developing infrastructure in the marketing industry and promoting innovative approaches that help businesses effectively reach their target audiences and adapt to changing market dynamics.	


Course Code	Course Title	CLO	Aligning with the SDG's	Direct SDG
MAR 316	International Marketing	Assess expansion opportunities in global markets within a given sector	Related to SDG 8 , students enhance their understanding of international business dynamics and market potential by assessing expansion opportunities in global markets within a given sector.	
MAT 035	Trigonometry	Obtain a broad understanding of the techniques of differentiation and integration of trigonometric functions for problem-solving	Related to SDG 4 , by understanding the techniques of differentiation and integration of trigonometric functions students enhance their mathematical skills and abilities.	
MAT 100	Basic Calculus	Interpret the results of marginal analysis and optimization, and apply integration in business and economics	<p>Related to SDG 4, by interpreting the results of marginal analysis and applying integration in business and economics, students enhance their analytical skills.</p> <p>Related to SDG 8, by interpreting the results of marginal analysis and optimization and applying integration in business and economics students gain essential skills for making informed business decisions.</p>	 
MAT 105	Basic Probability and Statistics	Independently identify different approaches to solve business-related problems using probability and statistics	Related to SDG 8 , students enhance their analytical skills by independently identifying different approaches to solving business-related problems using probability and statistics.	



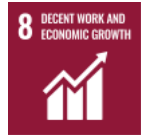


Course Code	Course Title	CLO	Aligning with the SDG's	Direct SDG
MAT 132	Applied Statistics	Perform estimation and statistical hypothesis testing	Related to SDG 8 , students gain essential skills for analyzing data in business contexts by performing estimation and statistical hypothesis testing.	
MAT 175	Calculus II	Use appropriate techniques to evaluate indeterminate forms and improper integrals	Related to SDG 4 , by using appropriate techniques to evaluate indeterminate forms and improper integrals students enhance their mathematical abilities.	
MAT 323	Numerical Analysis I	Demonstrate the ability to solve standard numerical problems using computer software both individually and collaboratively	Related to SDG 8 , students develop essential skills that enhance their ability to solve standard numerical problems using computer software.	
MAT 80	Analytical Geometry & Calculus I	Demonstrate the mathematical formulation of maximization and minimization problems using differential calculus	Related to SDG 4 , skills by demonstrating the mathematical formulation of maximization and minimization problems using differential calculus students enhance their analytical and problem-solving.	
MIS 310	Information System Design	Analyze project management techniques for the successful completion of information system projects	Related to SDG 8 , students enhance their understanding of managing resources by analyzing project management techniques to complete information system projects successfully.	



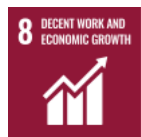
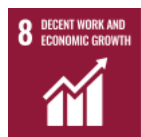
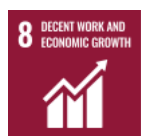
Course Code	Course Title	CLO	Aligning with the SDG's	Direct SDG
PHIL 154	Business Ethics	Apply established concepts and theories of ethics and ethical principles in business	Related to SDG 16 , by applying established concepts and theories of ethics and ethical principles in business students promote peace, justice, and strong institutions.	
PHIL 160	Formal Logic	Effectively communicate logical analyses and arguments through written and verbal means	Related to SDG 4 , students enhance their communication skills by effectively communicating logical analyses and arguments through written and verbal means.	
PHIL 258	Ethics & Computers	Articulate ethical concerns related to computer usage in various scenarios; including the emerging technologies.	Related to SDG 16 , students promote peace, justice, and strong institutions by identifying and discussing ethical concerns associated with computer usage in various scenarios, including emerging technologies.	
POLSCI 140	Public Administration	Compare the Omani administrative system viz a viz other major administrative systems by using a range of cognitive and technical skills.	Related to SDG 1 , by fostering effective governance and implementing policies that address poverty students contribute to achieving it.	






Course Code	Course Title	CLO	Aligning with the SDG's	Direct SDG
SOC 10	Introduction to Sociology	Define the outcomes and implications of cultural and social changes in terms of race, gender, and age	Related to SDG 5 , by defining the outcomes and implications of cultural and social changes students promote gender equality.	


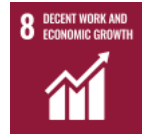



			Related to SDG 1 and SDG 2 by exploring how these changes impact access to resources and opportunities for different demographic groups.	 
PSYCH 003	Introduction to Psychology	Apply concepts and theories regarding mental processes in everyday life situations	Related to SDG 3 , by applying concepts and theories regarding mental processes students enhance their understanding of mental health and well-being.	
SOC 140	Critical Thinking	Explore the role of moral judgment in decision-making processes, gaining knowledge about ethical considerations and principles.	Related to SDG 16 , by exploring the role of moral judgment in decision-making processes students gain valuable insights into ethical considerations and principles.	
MAR 275	Marketing Research	Evaluate the scope of marketing research in the global and local context	Related to SDG 9 , by evaluating the scope of marketing research in both global and local contexts students enhance their understanding of market dynamics and consumer behavior.	

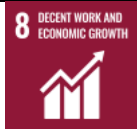
Course Code	Course Title	CLO	Aligning with the SDG's	Direct SDG
SOSD 1000	Introduction to Sustainable Development	Develop and propose solutions to address local economic, social, and environmental issues.	Related to SDG 17 , this SDG emphasizes the importance of collaboration and partnerships in achieving all the other SDGs, making it a central focus of sustainable development.	






STAT 2310	Regression Analysis	Demonstrate ability to carry out statistical tests of hypotheses about regression parameters for simple as well as multiple linear regression models	Related to SDG 4 , this SDG emphasizes the importance of analytical and quantitative skills, which are critical for decision-making and scientific understanding.	
STAT 2350	Probability Theory	Be able to calculate the probabilities of events using permutations, combinations, and conditional probability.	Related to SDG 4 , learning to calculate the probabilities of events using permutations, combinations, and conditional probability enhances students' quantitative reasoning and analytical skills.	
STAT 3370	Non-Parametric Statistics	Demonstrate ability to solve problems of non-parametric statistical inference	Related to SDG 8 , proficiency in non-parametric statistics is valuable for data analysis in various industries, helping in informed decision-making and promoting economic growth.	
STAT 4360	Applied Multivariate data Analysis	Demonstrate multivariate analysis techniques by organizing and visualizing data, calculating distance metrics, and applying these techniques to real-world scenarios.	Related to SDG 8 , proficiency in multivariate analysis is highly valuable in various industries, enhancing data-driven decision-making and promoting economic growth through informed business strategies.	
MAR 315	Marketing Management	Develop desirable skills in analyzing marketing strategies of existing and new firms, modifying existing strategies, and development new strategies and tactics	Related to SDG 8 , by developing skills in analyzing marketing strategies of existing and new firms students enhance their ability to contribute to business growth and economic development.	






Course Code	Course Title	CLO	Aligning with the SDG's	Direct SDG
STAT 2310	Regression Analysis	Demonstrate ability to carry out statistical tests of hypotheses about regression parameters for simple as well as multiple linear regression models	Related to SDG 4 , the course emphasizes the importance of analytical and quantitative skills, which are critical for enhancing informed decision-making and scientific understanding.	
STAT 2350	Probability Theory	Be able to calculate the probabilities of events using permutations, combinations, and conditional probability.	Related to SDG 4 , learning to calculate the probabilities of events using permutations, combinations, and conditional probability enhances students' quantitative reasoning and analytical skills.	
STAT 3370	Non-Parametric Statistics	Demonstrate ability to solve problems of non-parametric statistical inference	Related to SDG 8 , proficiency in non-parametric statistics is valuable for data analysis in various industries, helping in informed decision-making and promoting economic growth.	
STAT 4360	Applied Multivariate data Analysis	Demonstrate multivariate analysis techniques by organizing and visualizing data, calculating distance metrics, and applying these techniques to real-world scenarios.	Related to SDG 8 , proficiency in multivariate analysis is highly valuable in various industries, enhancing decision-making and promoting economic growth through informed business strategies.	
MAR 315	Marketing Management	Develop desirable skills in analyzing marketing strategies of existing and new firms, modifying existing strategies, and development new strategies and tactics	Related to SDG 8 , by developing skills in analyzing marketing strategies of existing and new firms students enhance their ability to contribute to business growth and economic development	





Course Code	Course Title	CLO	Aligning with the SDG's	Direct SDG
BIO 100	General Biology	Recall the fundamental principles of biology.	Related to SDG 4 , this course equips students with foundational knowledge of biology, fostering scientific literacy and promoting lifelong.	
ENG 140	World Literature	Introduce students to the cultural and literary history, issues and concepts of the ancient and post-modern world.	Related to SDG 4 , exploring world literature allows students to understand cultural and literary history across various periods, from ancient to post-modern times.	
ENG 112	Topics in Writing	Identify a topic of research, collect data, organize, analyze and interpret the data collected.	Related to SDG 4 , identifying research topics and collecting, organizing, analyzing, and interpreting data helps students develop critical research and analytical skills.	
ENG 220	Introduction to Literary Studies	Representative works and genres from different periods in literary history	Related to SDG 4 , studying representative works and genres from various periods in literary history enables students to develop a deeper understanding of cultural diversity and historical context.	
ARA 100	Elementary Arabic for Native Speakers	Learn the basics of Arabic with a focus on form, meaning and use in both spoken and written contexts.	Related to SDG 4 , learning the basics of Arabic with an emphasis on form, meaning, and use in both spoken and written contexts strengthens students' language skills and cultural understanding.	


Course Code	Course Title	CLO	Aligning with the SDG's	Direct SDG
HIST 101	History of Oman and the Modern Omani Society	Evaluate how the history of Oman and its culture contributes to academics and the economy of Oman	<p>Related to SDG 4, evaluating how Oman's history and culture contribute to academics allows students to critically examine the influence of cultural heritage on educational development.</p> <p>Related to SDG 8, analyzing the contributions of Oman's history and culture to the economy enables students to assess how cultural preservation can drive sustainable economic growth.</p>	 
PSYCH 160	Social Psychology	Apply the principles of social psychology to improve well-being and mental health in daily life situations.	Related to SDG 3 , applying the principles of social psychology enables students to enhance well-being and mental health in everyday situations.	
SOC 1311	Social Change	Learn sociological theories on social development and movements, including the phenomenal force of globalization in this contemporary era.	Related to SDG 10 , studying sociological theories on social development and movements, including the impact of globalization on societal change, equips students to critically analyze and address inequalities.	
POLSCI 1820	Global issues	Understand the inter-connectedness of these issues their social, economic and environmental and political impacts.	Related to SDG 13 , understanding the interconnectedness of social, economic, environmental, and political issues is essential for addressing climate change and promoting sustainability.	
HUMN 2100	Introduction to Islamic Economics,	Evaluate the impact of Islamic economic principles on global markets.	Related to SDG 8 , studying the impact of Islamic economic principles on global markets allows students to understand how ethical and sustainable financial practices	




	Banking, and Finance		promote inclusive economic growth and productive employment.	
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Course Code	Course Title	CLO	Aligning with the SDG's	Direct SDG
HIST 100	History of Islamic Science	Examine modernity, postmodernity, globalization, acculturation, and their impact on Muslim identity, roles, and sustainability.	Related to SDG 4 , examining modernity, postmodernity, globalization, and acculturation provides students with critical insights into their effects on Muslim identity, roles, and sustainability.	
HIST 250	Islam in the Modern World	Prepare for ethical leadership in addressing challenges like gender equality, environmental sustainability, and interfaith dialogue through Islamic lenses.	Related to SDG 16 , this course equips students with ethical leadership skills to address challenges such as gender equality, environmental sustainability, and interfaith dialogue from an Islamic perspective.	
CPT 182	Programming in C	Develop C programs for simple applications using structured programming, arrays, strings, and pointers.	Related to SDG 9 , by learning to design C programs using structured programming techniques, arrays, strings, and pointers, students contribute to fostering innovation and technological development.	
CPT 278	Design & Analysis of Algorithm	Applying various algorithm design strategies to solve complex problems efficiently.	Related to SDG 9 , by applying various algorithm design strategies to solve complex problems efficiently, students contribute to fostering innovation and technological advancement.	
CPT 275	Advance programming techniques	Exploring the use of shell scripting to solve problems	Related to SDG 9 , by exploring the use of shell scripting to solve problems, students enhance innovation. This skill is essential for optimizing technological processes and supporting sustainable industrial practices.	


Course Code	Course Title	CLO	Aligning with the SDG's	Direct SDG
CPT 312	Mobile computing	Collaborate effectively in a team to design, and present a functional mobile application, demonstrating project management and teamwork skills.	Related to SDG 9 , by collaborating to design and present functional mobile applications, students contribute to innovation.	
CPT 325	Programming languages	Enhance problem solving skills by solving complex programming language related problems.	Related to SDG 4 , students enhance their problem-solving skills by tackling complex programming challenges. This promotes lifelong learning and fosters technical proficiency.	
CPT 328	Programming translation techniques	Design syntax directed translation schemes for a given context free grammar.	Related to SDG 9 , by designing syntax-directed translation schemes for context-free grammar, students contribute to the development of efficient computational systems.	
CPT 376	Operating systems	Compare and contrast various disk scheduling algorithms.	Related to SDG 9 , by comparing and contrasting various disk scheduling algorithms, students contribute to optimizing system performance.	
CPT 381	Topics in computer science	Demonstrate the ability to critique and review work	Related to SDG 4 , by demonstrating the ability to critique and review work, students develop critical thinking and evaluation skills. These are essential for fostering lifelong learning and advancing quality education in the field of computer science.	





Course Code	Course Title	CLO	Aligning with the SDG's	Direct SDG
CPT 383	Computer science project II	Collaborate effectively within a team to analyze and refine project ideas. Understand and consider ethical, societal, and environmental impacts when developing a sustainable technology solutions.	Related to SDG 4 , by collaborating effectively within a team to analyze and refine project ideas, students enhance their communication, teamwork, and problem-solving skills.	
ICT 128	Web application techniques	Design web page using html	Related to SDG 9 , by designing web pages using HTML, students contribute to building resilient digital infrastructure and promoting innovation in the development of accessible, user-friendly web applications.	
ISEC 3330	Risk management and compliance	Examine various risk mitigation plans as POAM and develop it	Related to SDG 16 , by examining and developing various risk mitigation plans such as POAMs, students contribute to strengthening institutional frameworks.	
ISEC 3350	Unix administration	Design a virtualization system and repair common boot issue.	Related to SDG 9 , by designing a virtualization system and repairing common boot issues, students contribute to building resilient infrastructure.	





Course Code	Course Title	CLO	Aligning with the SDG's	Direct SDG
ISEC 3360	Cryptography authentication	Define, implement and evaluate a cryptographic system	Related to SDG 9 , by defining, implementing, and evaluating a cryptographic system, students contribute to building secure and resilient technological infrastructures.	





ISEC 4320	Security architecture and control	Demonstrate the ability to communicate scientific information effectively	Related to SDG 16 , by demonstrating the ability to communicate scientific information effectively, students contribute to promoting transparency, accountability, and trust in the field of security architecture and control.	
ISEC 4326	Information assurance and security	Evaluate security management and information assurance practices	Related to SDG 16 , by evaluating security management and information assurance practices, students contribute to promoting peace, justice, and strong institutions.	
ISEC 4321	Introduction to computer malware	Evaluate and demonstrate a critical and systematic understanding of malicious software, malicious code implementation and the methods of detecting software vulnerabilities.	Related to SDG 16 , by evaluating and demonstrating a critical understanding of malicious software, its implementation, and methods of detecting vulnerabilities, students support the promotion of peace, justice, and strong institutions.	





Course Code	Course Title	CLO	Aligning with the SDG's	Direct SDG
COSC 1300	Computer Applications in Business	Search the different HTML tags independently to design a webpage.	Related to SDG 4 , by independently exploring and utilizing HTML tags to design a webpage, students enhance their digital literacy and problem-solving skills.	
ICT 250	Project Application	Implement the proposed solution based on the identified problem statement using appropriate tools and techniques.	Related to SDG 9 , by implementing proposed solutions based on identified problem statements using appropriate tools and techniques, students contribute to fostering innovation and building resilient infrastructure.	
MAT 245	Linear Algebra	Define how to associate matrices to linear maps and find the rank, kernel, and image of linear maps.	Related to SDG 4 , by defining how to associate matrices with linear maps and determining the rank, kernel, and image of these maps, students acquire foundational mathematical skills that enhance problem-solving and critical thinking abilities.	





MIS 110	Introduction to Management Information Systems	Implement understanding of planning and development of information systems	Related to SDG 9 , by understanding and implementing the planning and development of information systems, students contribute to building resilient infrastructure and fostering innovation. This knowledge equips them to design systems that support sustainable industrial growth and effective organizational operations.	
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Course Code	Course Title	CLO	Aligning with the SDG's	Direct SDG
MIS 215	Information System Analysis	Demonstrate the concept of system analysis and acquire the skill to adopt a suitable model.	Related to SDG 9 , by demonstrating the concept of system analysis and acquiring the skill to adopt suitable models, students contribute to building resilient infrastructure and fostering innovation	
MIS 280	Electronic Business Strategy	Recognize the key management issues associated with implementing E-Business strategies	Related to SDG 9 , by recognizing the key management issues associated with implementing E-Business strategies, students contribute to building resilient infrastructure and fostering innovation.	
MIS 285	Project Management & Practice	Apply appropriate techniques to assess quality and communication in project management.	Related to SDG 9 , by applying appropriate techniques to assess quality and communication in project management, students contribute to building resilient infrastructure and fostering innovation.	
MIS 320	Information System Project	implement the proposed solution based on the identified problem statement using appropriate tools and techniques.	Related to SDG 9 , by implementing the proposed solution based on the identified problem statement using appropriate tools and techniques, students contribute to building resilient infrastructure, fostering innovation, and promoting sustainable industrialization.	





Course Code	Course Title	CLO	Aligning with the SDG's	Direct SDG
PHY 1	How Things Work	Independently manage the Physics assignment and collectively manage the Physics project as team work.	Related to SDG 4 , by independently managing the Physics assignment and collaboratively managing the Physics project as a team, students develop critical problem-solving and teamwork skills. This approach enhances their understanding of scientific concepts and fosters a collaborative learning environment, contributing to quality education and skill development.	
PHYS 1401	Physics I	Apply relevant concepts, principles to solve the conceptual applications of Motion in 1D, vectors, Projectile Motion, Laws of motion, Work-energy and power, and Uniform circular motion.	Related to SDG 4 , by applying relevant concepts and principles to solve problems in areas such as motion in 1D, vectors, projectile motion, laws of motion, work-energy and power, and uniform circular motion, students deepen their understanding of physics. This knowledge enhances their analytical skills, contributing to quality education and the development of scientific and technical expertise.	
PHYS 2401	Physics II	Apply relevant concepts, principles to solve the numerical applications of Electrostatics and Current Electricity.	Related to SDG 4 , by applying relevant concepts and principles to solve numerical problems in electrostatics and current electricity, students enhance their problem-solving skills and deepen their understanding of physics.	
STAT 2320	Statistical Software and Data Analysis	Effectively present findings from data analysis through Python-generated visualizations and summaries.	Related to SDG 4 , by effectively presenting findings from data analysis through Python-generated visualizations and summaries, students strengthen their analytical and communication skills. This supports quality education by equipping them with the necessary tools to understand and present complex data, fostering critical thinking and informed decision-making.	





Course Code	Course Title	CLO	Aligning with the SDG's	Direct SDG
STAT 3330	Analysis of Variance	Set up and perform one-way and two-way ANOVA and Interpret the results from ANOVA output.	Related to SDG 4 , by setting up and performing one-way and two-way ANOVA and interpreting the results, students enhance their ability to apply statistical methods to analyze data.	
STAT 3340	Introduction to Bayesian Data Analysis	Demonstrate ability to Bayesian estimation and hypotheses testing using SPSS and/or R.	Related to SDG 4 , by demonstrating the ability to perform Bayesian estimation and hypothesis testing using SPSS, students develop advanced data analysis skills.	
STAT 3360	Statistical Inference	Obtain p-values for various statistical tests under Normal, Chi-square, T- and F- distributions using SPSS and or excel.	Related to SDG 9 , students acquire statistical analysis skills that drive innovation and support industry practices. By performing statistical tests and interpreting results, they contribute to data-driven decision-making, helping advance technological innovation and enhance infrastructure development.	
STAT 4330	Categorical data analysis	Interpret the estimates of the logistic and loglinear model parameters.	Related to SDG 4 , students enhance their analytical skills by interpreting model parameters, which contributes to a deeper understanding of data analysis techniques. This knowledge helps improve education systems by promoting evidence-based decision-making and fostering critical thinking among students.	






Course Code	Course Title	CLO	Aligning with the SDG's	Direct SDG
STAT 4371	Time Series Analysis	Examine and conduct statistical tests of stationary and non-stationary time series.	Related to SDG 4 , students gain the ability to examine and conduct statistical tests on stationary and non-stationary time series, enhancing their capacity to analyze data trends.	
MAT 255	Discrete Mathematics	Represent graphs by different methods. Examine if the graph is connected, has Euler or Hamilton paths or planar graph.	Related to SDG 4 , students develop the ability to represent and analyze graphs using various methods, including examining properties like connectivity and paths.	
MIS 224	Managerial Applications of Object-Oriented Programming I	Understand the principles of the object-oriented model and its implementation in the C++ language.	Related to SDG 9 , this course focuses on understanding the principles of the object-oriented model and its application in C++. These skills contribute to building resilient infrastructure and promoting innovation in technology.	
MIS 225	Managerial Applications of Object – Oriented Programming II	Utilize advanced error handling techniques, including custom exceptions, to create robust C++ applications that handle runtime errors gracefully.	Related to SDG 4 , this course enhances students' technical skills in error handling and robust C++ programming, supporting quality education and equipping them with essential skills for the digital economy.	





Course Code	Course Title	CLO	Aligning with the SDG's	Direct SDG
MIS 304	The Management of Information System	Implement team-building skills to gain competitive advantage using Information Systems.	Related to SDG 4 , this course fosters the development of team-building skills essential for effectively leveraging Information Systems, enhancing learning outcomes, and preparing students for success in the digital world.	 4 QUALITY EDUCATION
MATH 2311	Calculus III	Demonstrate understanding of vector functions and calculus of vector function	Related to SDG 9 , students develop a strong understanding of vector functions and calculus, which is essential for advancing engineering, technology, and innovation.	 9 INDUSTRY, INNOVATION AND INFRASTRUCTURE
ISYS 2301	Enterprise Architecture and Systems	Demonstrate the use of ERP software (e.g., SAP) to execute key processes such as procurement, and perform a gap analysis to assess system alignment with business needs.	Related to SDG 8 , students develop skills in using ERP software to manage key business processes such as procurement and perform gap analysis.	 8 DECENT WORK AND ECONOMIC GROWTH
ISYS 4270	Information System Project I	Understand and consider ethical, societal, and environmental impacts when developing technology solutions	Related to SDG 16 , students contribute to promoting peace, justice, and strong institutions by understanding the ethical, societal, and environmental impacts when developing technology solutions.	 16 PEACE, JUSTICE AND STRONG INSTITUTIONS

Course Code	Course Title	CLO	Aligning with the SDG's	Direct SDG
ISYS 4380	Information System Project II	<p>Analyze and interpret results to evaluate the effectiveness of the implemented solution.</p> <p>Understand and consider ethical, societal, and environmental impacts when developing a sustainable technology solutions.</p>	Related to SDG 4 , students enhance quality education by analyzing and interpreting results to evaluate the effectiveness of implemented solutions.	
COSC 1330	Computer Architecture and Organization	Analyze the functions of basic processing unit, Parallel processing and pipelining	Related to SDG 9 , learning the key concepts of computer architecture enables students to contribute to the creation of efficient computing systems, driving innovation and improving infrastructure in various industries, with a significant impact on the technology sector.	
ISEC 4330	Computer Forensics	Analyze network traffic to detect security breaches and investigate network-based incidents.	Related to SDG 16 , analyzing network traffic to detect security breaches equips students to safeguard the integrity and security of digital systems, promoting accountability and enhancing institutions' ability to prevent cybercrimes.	
ISEC 4389	Information Security Capstone Project I	Produce a preliminary project report that documents the problem statement, requirement analysis, and design	Related to SDG 4 , producing a comprehensive project report that includes key elements such as problem statements, requirement analysis, and design fosters students' research, analytical, and documentation skills.	

Course Code	Course Title	CLO	Aligning with the SDG's	Direct SDG
ISEC 4399	Information Security Capstone Project II	Produce a comprehensive and well-structured project report that documents all aspects of the project, including analysis, design, implementation, and evaluation.	Related to SDG 4 , documenting every phase of an information security project enhances students' critical thinking and communication skills.	
ISEC 4351	The Investigative Process for Computer Forensics	Conduct digital investigations that conform to accepted professional standards and are based on the investigative process: identification, preservation, examination, analysis, and reporting	Related to SDG 4 , conducting digital investigations in line with professional standards enhances students' investigative and analytical skills.	
ISEC 4359	Special Topics in Information Security	Critically assess and evaluate contemporary and emerging issues in Information Security, applying theoretical knowledge to real-world scenarios	Related to SDG 9 , assessing and evaluating emerging issues in information security enhances students' ability to strengthen the resilience and sustainability of technology infrastructure.	
STAT 2340	Basic Sampling Theory	Demonstrate the ability to derive the statistical properties of estimators.	Related to SDG 4 , developing essential skills in statistical analysis enhances students' ability to advance education and research.	





Course Code	Course Title	CLO	Aligning with the SDG's	Direct SDG
STAT 2360	Statistical Quality Control and Management	Demonstrate ability to design appropriate single, double, and multiple sampling plans to assess quality of goods supplied in lots from producers to customers.	Related to SDG 9 , designing effective sampling plans enhances students' ability to contribute to quality control in manufacturing and industry.	 9 INDUSTRY, INNOVATION AND INFRASTRUCTURE
STAT 4365	Introduction to Mathematical Statistics	Explain the fundamentals of statistical inference and develop the ability to formulate the hypothesis of interest	Related to SDG 4 , equipping students with the fundamental knowledge of statistical inference and hypothesis formulation enhances their analytical thinking and research skills.	 4 QUALITY EDUCATION
MAT 365	Introduction to Group Theory	Demonstrate an understanding of Cosets and Lagrange's Theorem and Compute factor groups and prove theorems related to them.	Related to SDG 9 , developing advanced mathematical skills enhances students' ability to drive innovation in industries such as technology, engineering, and data science.	 9 INDUSTRY, INNOVATION AND INFRASTRUCTURE
COSC 4342	Introduction to Data Mining	Acquiring sufficient competency to select the proper clustering algorithms in terms of security and speed	Related to SDG 4 , developing critical skills in data mining enhances students' ability to select appropriate clustering algorithms.	 4 QUALITY EDUCATION



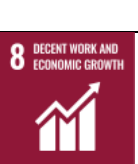


Course Code	Course Title	CLO	Aligning with the SDG's	Direct SDG
MATH 4300	Mathematical Statistics I	Explain the fundamentals of statistical inference and develop the ability to formulate the hypothesis of interest	Related to SDG 4 , mastering statistical inference and hypothesis formulation enhances students' critical thinking and data literacy.	
COSC 4340	Introduction to Machine Learning	Select and evaluate models using appropriate performance metrics.	Related to SDG 4 , assessing and choosing machine learning models effectively enhances students' data literacy and analytical skills.	
COSC 4390	Introduction to Deep Learning	Understanding how CNN works theoretically and the corresponding libraries in python for Convolutional Neural Network.	Related to SDG 4 , understanding and applying advanced AI techniques in deep learning enhances students' technical skills.	
MATH 4305	Exploratory Data Analysis with R	Apply appropriate visualizations to different data types.	Related to SDG 4 , interpreting and communicating data insights effectively enhances students' data literacy.	
COSC 4320	Introduction to Evolutionary Computation	Obtaining the ability to develop a proper Genetic Algorithm depending to the problem	Related to SDG 9 , applying advanced computational techniques like Genetic Algorithms enhances students' ability to solve complex real-world problems.	






Course Code	Course Title	CLO	Aligning with the SDG's	Direct SDG
COSC 4300	Introduction to Artificial Intelligence	Applying uninformed non-intelligent and informed intelligent search algorithms on tree/graph search space.	Related to SDG 9 , implementing AI algorithms enhances students' ability to promote innovation.	
ITEC 1360	Introduction to Operating Systems	Identify the types of networks, applications of network, and network topology.	Related to SDG 9 , enhancing understanding of network systems strengthens students' ability to develop resilient infrastructure.	
ITEC 1328	Web Application Techniques	Design web pages using of style sheets.	Related to SDG 4 , designing and developing web pages enhances students' digital literacy and web development skills.	
ITEC 1301	Fundamentals of Information Technology	Find the emerging technologies suitable for IT-related business problems.	Related to SDG 9 , identifying emerging technologies to solve IT-related business challenges enhances students' ability to foster innovation.	






Integrating SDGs into Postgraduate Courses






Program: Master in Information Technology






Course Code	Course Title	CLO	Aligning with the SDG's	Direct SDG
ITEC 5330	Advanced Database Management	Design, develop, and optimize scalable and secure database systems by applying advanced methodologies, ensuring robustness and high-performance standards.	Related to SDG 4 , designing and optimizing scalable and secure database systems enhances students' ability to apply advanced methodologies in real-world scenarios.	 4 QUALITY EDUCATION
ITEC 5310	Information Technology Management	Evaluate the application of Business Intelligence (BI) tools, data analytics, and decision-support systems to enhance data-driven decision-making and organizational performance	Related to SDG 4 , evaluating the application of Business Intelligence (BI) tools, data analytics, and decision-support systems enhances students' ability to apply technology for informed decision-making.	 4 QUALITY EDUCATION
ITEC 5335	Analysis in Software Development Methodologies	Conduct critical risk assessments and mitigation strategies for IT projects, evaluating technical, financial, cybersecurity, and operational risks through predictive analytics and decision-making models.	Related to SDG 9 , conducting critical risk assessments and mitigation strategies for IT projects enhances students' ability to develop resilient and innovative technological solutions.	 9 INDUSTRY, INNOVATION AND INFRASTRUCTURE
ITEC 5338	Web Development Application	Implement authentication, authorization, and data protection mechanisms in ASP.NET applications, ensuring compliance with security standards such as OWASP, GDPR, and secure coding practices.	Related to SDG 9 , implementing authentication, authorization, and data protection mechanisms enhances students' ability to develop secure and high-performing web applications.	 9 INDUSTRY, INNOVATION AND INFRASTRUCTURE

Course Code	Course Title	CLO	Aligning with the SDG's	Direct SDG
ITEC 5340	Data Communication and Network	Design advanced protocol-based architectures tailored to application-specific scenarios, integrating intelligent networking solutions to meet performance and security requirements	Related to SDG 9 , designing advanced protocol-based architectures enhances students' ability to develop innovative and intelligent networking solutions.	 9 INDUSTRY, INNOVATION AND INFRASTRUCTURE
ITEC 5350	Information Security	Assess emerging cybersecurity challenges and evaluate security frameworks to propose effective strategies for strengthening information security in organizations	Related to SDG 16 , proposing effective strategies for strengthening information security supports students' capacity to protect data integrity, privacy, and organizational security.	 16 PEACE, JUSTICE AND STRONG INSTITUTIONS
ITEC 5370	Project Management	Formulate and implement comprehensive stakeholder management strategies, ensuring alignment of project objectives with business goals and stakeholder expectations	Related to SDG 8 , aligning project objectives with business goals and stakeholder expectations strengthens students' capacity to drive organizational efficiency and economic productivity.	 8 DECENT WORK AND ECONOMIC GROWTH
ITEC 5375	Project Risk Control and Quality Management	Critically assess and optimize quality management processes, applying industry best practices to ensure compliance, efficiency, and continuous improvement in project outcomes	Related to SDG 9 , critically assessing and optimizing quality management processes enhances students' ability to implement industry best practices that improve project efficiency and innovation.	 9 INDUSTRY, INNOVATION AND INFRASTRUCTURE
ITEC 5377	Agile Project Management	Develop and apply advanced Agile estimation techniques, including story points, velocity tracking, and backlog prioritization, to optimize project planning and forecasting.	Related to SDG 9 , developing and applying advanced Agile estimation techniques enhances students' ability to improve project planning and execution efficiency.	 9 INDUSTRY, INNOVATION AND INFRASTRUCTURE






Course Code	Course Title	CLO	Aligning with the SDG's	Direct SDG
ITEC 5390	Capstone project	Demonstrate ethical integrity and adherence to professional standards by conducting research and project development in compliance with ethical guidelines, data security regulations, and best practices in IT and digital innovation.	Related to SDG 16 , conducting research and project development in compliance with ethical guidelines and data security regulations strengthens students' capacity to promote transparency, accountability, and trust in digital environments.	 16 PEACE, JUSTICE AND STRONG INSTITUTIONS
ITEC 5342	Internet Protocols	Evaluate the performance of transport protocols, such as TCP and its variants, for fairness, reliability and congestion control.	Related to SDG 9 , evaluating the performance of transport protocols enhances students' ability to develop efficient and resilient network infrastructure.	 9 INDUSTRY, INNOVATION AND INFRASTRUCTURE
ITEC 5343	Wireless Networking	Implement wireless network security and discuss the special network services required by converged applications including QoS	Related to SDG 9 , implementing wireless network security and optimizing special network services enhances students' ability to develop resilient and high-performance communication infrastructure.	 9 INDUSTRY, INNOVATION AND INFRASTRUCTURE
ITEC 5354	Networking Services	Simulate a capacity planning model for dimensioning services	Related to SDG 9 , simulating a capacity planning model enhances students' ability to optimize networking services for scalability and efficiency.	 9 INDUSTRY, INNOVATION AND INFRASTRUCTURE
ITEC 5346	Network and Internet Security	Apply firewall, Intrusion Detection System and VPN	Related to SDG 16 , implementing security measures strengthens students' capacity to safeguard data integrity, privacy, and institutional security.	 16 PEACE, JUSTICE AND STRONG INSTITUTIONS






Course Code	Course Title	CLO	Aligning with the SDG's	Direct SDG
ITEC 5351	Ethical Hacking and Network Defense	Evaluate cyber threats, attack vectors, and defense mechanisms to formulate effective strategies for securing organizational networks and critical infrastructures.	Related to SDG 9 , evaluating cyber threats, attack vectors, and defense mechanisms enhances students' ability to develop secure and resilient digital infrastructure.	 9 INDUSTRY, INNOVATION AND INFRASTRUCTURE
ITEC 5352	Application Security	Perform penetration testing on an authorized website using advanced cybersecurity tools to evaluate security threats and mitigation strategies	Related to SDG 9 , performing penetration testing using advanced cybersecurity tools enhances students' ability to strengthen digital infrastructure and develop secure applications.	 9 INDUSTRY, INNOVATION AND INFRASTRUCTURE
ITEC 5353	Security Architecture and Control	Design secure system architectures integrating best practices, risk mitigation techniques, and industry-standard security frameworks	Related to SDG 9 , designing secure system architectures enhances students' ability to develop resilient and innovative digital infrastructure.	 9 INDUSTRY, INNOVATION AND INFRASTRUCTURE
ITEC 5354	Cryptography and Security Mechanisms	Evaluate cryptographic protocols and authentication mechanisms to identify potential vulnerabilities and recommend secure implementations.	Related to SDG 9 , evaluating cryptographic protocols and authentication mechanisms enhances students' ability to develop secure and resilient digital infrastructure.	 9 INDUSTRY, INNOVATION AND INFRASTRUCTURE
ITEC 5355	Computer Forensics and investigations	Create clear, accurate, and professional forensic reports to document and effectively communicate investigative findings.	Related to SDG 16 , creating clear, accurate, and professional forensic reports enhances students' ability to support justice and strong institutions through digital investigations.	 16 PEACE, JUSTICE AND STRONG INSTITUTIONS






Course Code	Course Title	CLO	Aligning with the SDG's	Direct SDG
ITEC 5360	Enterprise Resource Planning	Acquire experience in using ERP software that can be applied in further coursework	Related to SDG 9 , acquiring experience in using ERP software enhances students' ability to optimize business processes and improve organizational efficiency through digital innovation.	 9 INDUSTRY, INNOVATION AND INFRASTRUCTURE
ITEC 5363	Business Intelligence	Analyze data to generate information and knowledge that lead to informed decisions for businesses	Related to SDG 9 , analyzing data to generate information and knowledge enhances students' ability to leverage technology for data-driven decision-making.	 9 INDUSTRY, INNOVATION AND INFRASTRUCTURE
ITEC 5365	ABAP Programming	Develop knowledge and skills needed to work with ABAP Data Dictionary and the ABAP Workbench.	Related to SDG 9 , developing knowledge and skills in ABAP Data Dictionary and ABAP Workbench enhances students' ability to contribute to innovative and efficient enterprise software solutions.	 9 INDUSTRY, INNOVATION AND INFRASTRUCTURE
ITEC 5366	SAP Human Capital Management	Explain the HR payroll process and modify payroll to the specific requirement of your enterprise.	Related to SDG 8 , explaining the HR payroll process and customizing it for enterprise needs enhances students' ability to improve workforce management and operational efficiency.	 8 DECENT WORK AND ECONOMIC GROWTH
ITEC 5367	ERP: Customer Relationship Management	Perform customer-based analyses to understand how data can be used to support marketing decisions and strategy.	Related to SDG 8 , utilizing data to support marketing decisions strengthens students' capacity to enhance business performance and market competitiveness.	 8 DECENT WORK AND ECONOMIC GROWTH

Course Code	Course Title	CLO	Aligning with the SDG's	Direct SDG
ITEC 5371	Project Management Life Cycle	Identify tools and techniques for planning and tracking a project.	Related to SDG 9 , identifying tools and techniques for planning and tracking a project enhances students' ability to develop efficient and resilient project management processes.	 9 INDUSTRY, INNOVATION AND INFRASTRUCTURE
ITEC 5380	Graduate Seminar	Understand issues in ethics and professionalism in Information Technology.	Related to SDG 16 , understanding issues in ethics and professionalism in Information Technology enhances students' ability to promote integrity, transparency, and accountability in the digital world.	 16 PEACE, JUSTICE AND STRONG INSTITUTIONS
ITEC 5373	Project Scheduling and Cost Control	Explain the various cost control and management, using standard tools of cost and schedule variance analysis	Related to SDG 9 , explaining cost control and management using standard tools enhances students' ability to optimize project efficiency and resource allocation.	 9 INDUSTRY, INNOVATION AND INFRASTRUCTURE
ITEC 5376	Research Methods in Computing	Identify assumptions, constraints, limitations and premises of different research approaches and methods	Related to SDG 4 , understanding research methodologies strengthens students' critical thinking and problem-solving skills.	 4 QUALITY EDUCATION
ITEC 5337	Software Application Development	Develop Android applications incorporating data storage solutions such as SQLite, shared Preferences, and Firebase to ensure efficient backend integration and data management	Related to SDG 9 , developing Android applications with efficient data storage solutions enhances students' ability to create innovative and scalable digital solutions.	 9 INDUSTRY, INNOVATION AND INFRASTRUCTURE



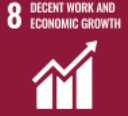


Program: Master in Commercial Law


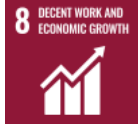

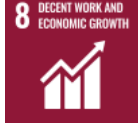

Course Code	Course Title	CLO	Aligning with the SDG's	Direct SDG
MCL 001	Commercial Law in the GCC	Examine the jurisdictional issues in terms of electronic commerce and dispute resolution.	Related to SDG 16 , examining jurisdictional issues in electronic commerce and dispute resolution enhances students' ability to promote strong legal frameworks and governance in the digital economy.	
MCL 002	Research Methodology and Legal Writing	Develop an understanding of the ethical dimensions of conducting research.	Related to SDG 16 , developing an understanding of the ethical dimensions of conducting research enhances students' ability to promote integrity, transparency, and accountability in legal and academic studies.	
MCL 003	Employment and Labor Law & Policy	Examine the Social security law with respects to private employment sector.	Related to SDG 8 , examining social security law in the context of the private employment sector enhances students' ability to understand labor rights and protections.	
MCL 004	Information Technology Law	Critically assess the arguments of different interest groups in respect of the role of law in information technologies.	Related to SDG 16 , critically assessing the arguments of different interest groups regarding the role of law in information technologies enhances students' ability to promote justice, transparency, and accountability in the digital space.	
MCL 005	Advanced Intellectual Property Law	Analyze the contemporary issues involved in patent protection and exceptions to patent rights.	Related to SDG 16 , evaluating patent laws and exceptions strengthens students' capacity to contribute to just and transparent legal systems.	



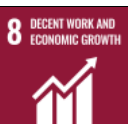


Course Code	Course Title	CLO	Aligning with the SDG's	Direct SDG
MCL 006	Competition and Consumer Law	Apply and analyze the legal situations to deal with legal problems and opportunities.	Related to SDG 16 , applying and analyzing legal situations to address competition and consumer law issues enhances students' ability to promote justice, transparency, and fair market practices.	 16 PEACE, JUSTICE AND STRONG INSTITUTIONS
MCL 007	Corporate Law	Interpret and apply the statutory rules governing corporate behavior in the context of governance, mergers, acquisitions, insolvency, ethics and sustainability.	Related to SDG 16 , interpreting and applying statutory rules governing corporate behavior enhances students' ability to promote transparency, accountability, and ethical business practices.	 16 PEACE, JUSTICE AND STRONG INSTITUTIONS
MCL 110	International Business Law	Develop analytical and research skills to enhance problem solving abilities.	Related to SDG 16 , developing analytical and research skills enhances students' ability to address legal challenges in international business, promoting justice, transparency, and strong institutions.	 16 PEACE, JUSTICE AND STRONG INSTITUTIONS
MCL 120	Commercial Dispute Resolution	Comprehend the elements of Online Dispute Resolution (ODR) and its advantages over other means of dispute resolution	Related to SDG 16 , comprehending the elements of Online Dispute Resolution (ODR) enhances students' ability to promote access to justice, transparency, and efficient conflict resolution.	 16 PEACE, JUSTICE AND STRONG INSTITUTIONS
MCL 130	GCC Oil and Gas Law	Analyze the contemporary issues in the energy market relating to various issues which includes economic growth, and safety tax.	Related to SDG 7 , analyzing contemporary issues in the energy market enhances students' ability to understand sustainable energy policies and regulatory frameworks.	 7 AFFORDABLE AND CLEAN ENERGY




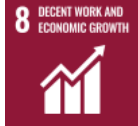

Course Code	Course Title	CLO	Aligning with the SDG's	Direct SDG
MCL 140	Banking & Finance Law	Analyze and evaluate information relating to the regulation of banking/financial products and services in conjunction with contentious matters which arise.	Related to SDG 16 , analyzing and evaluating banking and finance regulations enhances students' ability to promote transparency, accountability, and strong financial institutions.	 16 PEACE, JUSTICE AND STRONG INSTITUTIONS
MCL 150	Law of Insurance	Understand the common features of liability, auto and household insurance.	Related to SDG 16 , analyzing insurance law strengthens students' capacity to contribute to just and transparent legal systems.	 16 PEACE, JUSTICE AND STRONG INSTITUTIONS
MCL 160	Construction and Real Estate Law	Analyze the contemporary issues relating to construction and real estate transactions	Related to SDG 11 , analyzing contemporary issues in construction and real estate transactions enhances students' ability to support sustainable urban development and responsible land use.	 11 SUSTAINABLE CITIES AND COMMUNITIES
MCL 170	CSR & Governance	Understand the corporate governance best practices, principles and recommendations to achieve appropriate business practice.	Related to SDG 16 , understanding corporate governance best practices enhances students' ability to promote transparency, accountability, and ethical decision-making in business.	 16 PEACE, JUSTICE AND STRONG INSTITUTIONS
MCL 210	Final Project / Dissertation	Apply knowledge gained from the literature review to prepare a research paper commensurate with the senior status	Related to SDG 4 , applying knowledge from the literature review to prepare a research paper enhances students' ability to engage in lifelong learning and critical thinking.	 4 QUALITY EDUCATION

Program: Master in Business Administration/ Master in Public Administration – Arabic



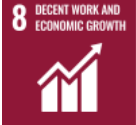
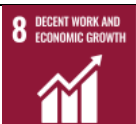

Course Code	Course Title	CLO	Aligning with the SDG's	Direct SDG
MBA 201	Administrative Practices	Develop the ability to apply knowledge and skills related to administrative practices to enhance processes and ensure the proper use of reports.	Related to SDG 8 , applying knowledge of administrative practices enhances students' ability to improve workplace efficiency and organizational performance.	
MBA 202	Business Ethics	Develop the ability to apply knowledge and skills related to individual and organizational values and their impact on ethical discipline.	Related to SDG 16 , understanding business ethics enhances students' ability to promote integrity, accountability, and transparency in organizations.	
MBA 203	Human Resource Management	Develop the ability to apply knowledge and skills related to human resource management and understand their practical implementation in the workplace.	Related to SDG 8 , applying human resource management principles enhances students' ability to create fair and productive workplaces.	
MBA 204	Principles of Management	Analyze and understand public management practices.	Related to SDG 16 , analyzing public management practices enhances students' ability to contribute to effective, accountable, and transparent institutions.	
MBA 502	Work Environment	Identify investment opportunities in the business sector	Related to SDG 8 , identifying investment opportunities in the business sector enhances students' ability to contribute to economic growth and entrepreneurship.	



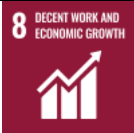
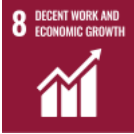

Course Code	Course Title	CLO	Aligning with the SDG's	Direct SDG
MBA 503	Marketing Management	Introduce students to the importance of marketing management at the level of organizations, units, and activities.	Related to SDG 9 , understanding the importance of marketing management equips students with the knowledge to drive business innovation and sustainable industrial growth.	 9 INDUSTRY, INNOVATION AND INFRASTRUCTURE
MBA 504	Strategic Management	Equip students with analytical, deductive, and reasoning skills to connect real-world data, derive conclusions, and apply them in strategic analysis and planning.	Related to SDG 8 , developing strategic analysis and planning skills enhances students' ability to contribute to sustainable economic growth and employment.	 8 DECENT WORK AND ECONOMIC GROWTH
MBA 505	Project and Operations Management	Equip students with the ability to use analytical and operational planning tools and apply them to specific real-world cases.	Related to SDG 9 , developing skills in analytical and operational planning enhances students' ability to optimize industrial processes and improve efficiency.	 9 INDUSTRY, INNOVATION AND INFRASTRUCTURE
MBA 506	Managerial Economics	Enable students to achieve a high level of independence in identifying project objectives, benefits, and characteristics.	Related to SDG 8 , fostering independence in project evaluation enhances students' ability to contribute to economic growth and productivity.	 8 DECENT WORK AND ECONOMIC GROWTH
MBA 507	Financial and Managerial Accounting	Develop skills in financial data analysis, evaluating accounting issues, and applying critical thinking to problem-solving.	Related to SDG 8 , developing financial analysis and critical thinking skills enhances students' ability to make informed economic and managerial decisions.	 8 DECENT WORK AND ECONOMIC GROWTH




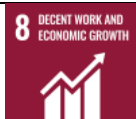
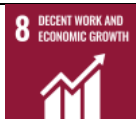
Course Code	Course Title	CLO	Aligning with the SDG's	Direct SDG
MBA 523	Project Management and Planning	Enable students to analyze and manage project risks.	Related to SDG 9 , analyzing and managing project risks enhances students' ability to develop resilient and sustainable project strategies.	 9 INDUSTRY, INNOVATION AND INFRASTRUCTURE
MPA 502	Information Systems Management and E-Governance	Enable students to effectively apply information systems management and e-governance to ensure quality operations in organizations.	Related to SDG 16 , applying information systems management and e-governance enhances transparency, accountability, and institutional efficiency.	 16 PEACE, JUSTICE AND STRONG INSTITUTIONS
MPA 506	Financial Management and Public Budgeting	Evaluate investment projects using financial and accounting methods under conditions of certainty and risk.	Related to SDG 8 , evaluating investment projects using financial and accounting methods contributes to sustainable economic growth by ensuring effective resource allocation, risk management, and financial stability in business and public sectors.	 8 DECENT WORK AND ECONOMIC GROWTH
MPA 508	Leadership and Strategic Management	Equip students with the ability to use strategic analysis and planning tools and apply them to specific real-world cases.	Related to SDG 9 , equipping students with strategic analysis and planning skills fosters innovation, sustainable industrial growth, and resilient infrastructure by enhancing decision-making and long-term business sustainability.	 9 INDUSTRY, INNOVATION AND INFRASTRUCTURE
MPA 551	Enterprise Resource Planning	Demonstrate the ability to handle challenges associated with implementing enterprise resource planning (ERP) systems in government environments.	Related to SDG 16 , effectively managing ERP implementation in government institutions enhances transparency, accountability, and institutional efficiency, contributing to strong and resilient public institutions.	 16 PEACE, JUSTICE AND STRONG INSTITUTIONS


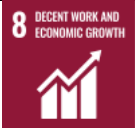



Course Code	Course Title	CLO	Aligning with the SDG's	Direct SDG
MPA 553	Information Management and Decision Support	Understand the role of information systems in the decision-support process.	Related to SDG 9 , strengthening the role of information systems in decision-making supports innovation and the development of resilient infrastructure, enhancing productivity and efficiency in organizations.	 9 INDUSTRY, INNOVATION AND INFRASTRUCTURE
MPA 555	Decision Making and Problem Solving	Introduce students to the use of tools and techniques for problem-solving and decision-making.	Related to SDG 4 , equipping students with critical thinking and decision-making skills contributes to quality education by fostering analytical abilities essential for personal and professional development.	 4 QUALITY EDUCATION
MPA 522	International Models in Public Administration	Enable students to analyze public sector structuring models at the regional and global levels.	Related to SDG 4 , Analyzing international models in public administration enhances students' knowledge and critical thinking, and fostering quality education.	 4 QUALITY EDUCATION
MPA 526	Economic Development	Introduce students to the concept of economic planning, its fundamentals, methods, and objectives.	Related to SDG 8 , understanding economic planning fundamentals equips students with the knowledge to contribute to sustainable economic development, fostering productive employment and inclusive growth.	 8 DECENT WORK AND ECONOMIC GROWTH
MPA 527	Public Institution Management	Introduce students to the concept, types, and fundamentals of public institution management	Related to SDG 16 , understanding public institution management supports the development of effective, accountable, and transparent institutions, promoting good governance and strong public sector administration.	 16 PEACE, JUSTICE AND STRONG INSTITUTIONS


Ph.D. Program

Course Title	CLO	Aligning with the SDG's	Direct SDG
Artificial Intelligence: Implications for Business Strategy	Design and develop a road map for the strategic implementation of AI technologies in a business context	Related to SDG 9 , designing and developing a roadmap for the strategic implementation of AI technologies enhances students' ability to foster innovation and support sustainable industrial growth.	
Professional Writing	Summarize large volumes of information, validating the study design, analysis the results and preparing summaries of studies	Related to SDG 4 , summarizing large volumes of information, validating study designs, and analyzing results enhances students' ability to develop critical thinking and effective communication skills.	
Studies in Organizational Analysis and Behavior	To develop an intellectual understanding of the conceptual frameworks and models relevant for organizational analysis and behaviour	Related to SDG 8 , developing an intellectual understanding of organizational analysis and behavior enhances students' ability to foster productive and inclusive workplaces.	
Studies in Management Theories and Practice	Demonstrate an understanding of the key theories underlying management theory and business strategy, and how they apply to various forms of research, methodologies, and topics.	Related to SDG 8 , demonstrating an understanding of key management theories and business strategies enhances students' ability to contribute to sustainable economic growth and effective organizational leadership.	
Strategic Thinking, Decision Making and Innovation	Learn how to structure the solution, understanding key similarities and finding differences with diagnostic maps	Related to SDG 9 , learning to structure solutions and analyze key similarities and differences using diagnostic maps enhances students' ability to drive innovation and strategic decision-making.	

Course Title	CLO	Aligning with the SDG's	Direct SDG
Advanced studies in management I: translate research into practice	Critically analyze literature, research methodology, findings and effectively communicate the outcomes succinctly that is appropriate to the research community.	Related to SDG 4 , critically analyzing literature, research methodology, and findings enhances students' ability to engage in lifelong learning and contribute to high-quality education.	
Advanced studies in management II: knowledge dissemination in publishing	Employ effective oral and written presentation technique to disseminate knowledge to non-specialists, government bodies, stakeholders, and public.	Related to SDG 4 , employing effective oral and written presentation techniques enhances students' ability to communicate knowledge clearly and inclusively.	
Intelligent Business Analytic	Design and implement appropriate analytical strategies and tools for solving a real-world business problem	Related to SDG 8 , designing and implementing analytical strategies and tools enhances students' ability to support data-driven decision-making for sustainable economic growth.	
International Trade	Demonstrate an understanding of key legal concepts essential for the success of international operations.	Related to SDG 8 , demonstrating an understanding of key legal concepts in international trade enhances students' ability to support fair and sustainable global business practices.	
Pedagogical Strategies	The importance of the main pedagogical theories for higher education	Related to SDG 4 , understanding the importance of main pedagogical theories for higher education enhances students' ability to develop effective teaching and learning strategies.	

Course Title	CLO	Aligning with the SDG's	Direct SDG
Basics of Research Methods	Evaluate and critically analyse the published research.	Related to SDG 4 , evaluating and critically analyzing published research enhances students' ability to engage in high-quality education and lifelong learning.	 4 QUALITY EDUCATION
Research Methods and Design – I	Analyse different forms of research data, classification of information and segregating data based on the nature.	Related to SDG 4 , analyzing different forms of research data and classifying information enhances students' ability to develop critical thinking and research skills.	 4 QUALITY EDUCATION
Research Methods and Design -II	Utilize different types of probes to gather more insightful qualitative data through individual interviews and focus group discussions.	Related to SDG 4 , utilizing different types of probes to gather qualitative data enhances students' ability to conduct in-depth research and critical analysis.	 4 QUALITY EDUCATION
Entrepreneurship and Innovation	The ability to identify the need for further knowledge in the field of Innovation, Entrepreneurship and Management of Intellectual Capital.	Related to SDG 8 , identifying the need for further knowledge in innovation, entrepreneurship, and intellectual capital management enhances students' ability to drive economic growth and job creation.	 8 DECENT WORK AND ECONOMIC GROWTH
Organizational Excellence and Performance Management	Understand and apply different approaches to leadership into critical frameworks necessary to enhance and sustain organizational performance and excellence	Related to SDG 8 , understanding and applying different leadership approaches to enhance organizational performance strengthens students' ability to drive economic growth and productivity.	 8 DECENT WORK AND ECONOMIC GROWTH

Course Title	CLO	Aligning with the SDG's	Direct SDG
Transportation and Logistics	Conduct business case analyses in the field of transportation and logistics to aid in decision-making.	Related to SDG 9 , conducting business case analyses in transportation and logistics enhances students' ability to develop efficient and sustainable infrastructure.	 9 INDUSTRY, INNOVATION AND INFRASTRUCTURE
Advanced Topics in Financial and Managerial Accounting	Assess managerial accounting decision-making techniques	Related to SDG 8 , assessing managerial accounting decision-making techniques enhances students' ability to contribute to sustainable economic growth and business efficiency.	 8 DECENT WORK AND ECONOMIC GROWTH
Global Issues in Business and Management	Examine and analyse business cases in the field of global business and management.	Related to SDG 8 , examining and analyzing business cases in global business and management enhances students' ability to foster sustainable economic growth and employment.	 8 DECENT WORK AND ECONOMIC GROWTH
Aviation and Airport Management	Demonstrate highly developed written and oral communication skills needed by effective business professionals.	Related to SDG 8 , developing strong written and oral communication skills enhances students' ability to contribute to economic growth and employment in the aviation industry.	 8 DECENT WORK AND ECONOMIC GROWTH
Digital Marketing	Understand the measurement and metrics related to digital marketing campaigns	Related to SDG 8 , understanding measurement and metrics in digital marketing enhances students' ability to drive business growth and innovation in the digital economy.	 8 DECENT WORK AND ECONOMIC GROWTH



This report provides a framework for embedding the SDGs into postgraduate and undergraduate courses, equipping students with the skills and knowledge to address sustainability challenges.

