**Sustainability courses**

**College: College of Business and Economics**

**Department: industrial management**

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| course number | Course name | C.H | **Related to sustainability** (social, environmental, cultural, economic) |
| 14120417 | Strategic management | 3 | Social , economic |
| 14120419 | Quality control | 3 | economic |
| 14120310  | Industrial regulation and occupational safety | 3 | social |
| 14160304 | Industrial Marketing Research | 3 | Social , economic |
| 14120313 | Total Quality Management | 3 | Social , economic , environmental  |
| 14120314 | Production operations management | 3 | economic , environmental |
| 14120424 | Design and manufacturing methods | 3 | economic , environmental |

**Total Quality Management**

This course addresses the definition of quality and then addresses the concept of total quality and its philosophy based on continuous improvement of quality and productivity, so that organizations can compete globally. The relationship between quality and competition, how to focus on the internal and external customer, relative comparison, the process of decision-making, problem-solving, continuous improvement and other important topics related to total quality, as well as clarifying the strong relationship between total quality, effective leadership, total participation of employees and the delegation process as essential pillars for the success of total quality.

**Industrial regulation and occupational safety**

This course deals with a comprehensive introduction to the concepts of occupational safety, occupational health and human factors, in addition to several other related concepts such as occupational classification, occupational description, OSHA. This course also defines the different types of accidents in the work environment, and their effects on the life of the individual, the facility and society alike. The course also covers the rules, methods and equipment of proper work, and deals with the process of identifying, treating and preventing hazards. The course also discusses one of the most important relevant modern sciences, ergonomics, and reviews its importance and some of the practical applications used in it.

**Quality control**

This course deals with the following topics: acceptance samples, process analysis methods, and quality systems, an introduction to total quality management, the use of advanced statistical methods in quality control (such as design of experiments), the Tagushi Method and Six-Sigma.

**Design and manufacturing methods**

This course contains the basics of work methods and measurements, the use and application of the principles of design and analysis of work systems, an introduction to the impact of the human factor on business design and analysis, a study of standard time measurement methods, a focus on the impact of the physical factor on the cost of work, a detailed study of flexible manufacturing systems and materials selection processes And appropriate manufacturing processes and design for manufacturing and design to reduce the use of materials, and an introduction to green manufacturing (Environment Friendly Manufacturing), “exact” and accurate manufacturing systems and how to deal with cost accounting in these systems.

**Industrial Marketing Research**

This course includes: the nature and concept of marketing research, marketing information systems, marketing research procedures and steps, research plan design, data collection methods, measurement methods and methods, types of statistical samples, data analysis and presentation of results and recommendations. As well as the concept of industrial marketing, industrial marketing strategies, industrial market features.

**Production operations management**

The course addresses an introduction to production operations management, analysis of strategic operations and plans related to operations, demand forecasting, production capacity, uses of waiting theory, locating facilities, internal arrangement, information systems, operations management, job design, determining production standards, quality control and work standards, with a focus on the use of Mathematical and statistical methods in it.

**Strategic management**

This course aims to give the students a comprehensive understanding of the issues and techniques of Strategic management. In addition, enhance students' skills in creating competitive advantages to businesses. Further, Develop students’ skills in strategy design, implementation and evaluation. This course includes concepts of strategic management, SWOT analysis, Strategy formulation, Strategy implementation, and type of strategies. Many techniques will be used to deliver the course including, case studies, conducting research, homework, presentations, teamwork and lectures.

**Department: Logistics Management**

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| course number | Course name | C.H | **Related to sustainability** (social, environmental, cultural, economic) |
| 14190201 | Supply Chain Management | 3 | social |
| 14120314 | Production Operations Management | 3 | Environmental , economic |
| 14120316 | Strategic management | 3 | Economic , social |
| 14120313  | Total Quality Management | 3 | Economic , social , Environmental  |
| 14190303 | Export and Import Management | 3 | economic |
| 14190407 | Supply Chain Performance Measurement | 3 | economic |
| 14190402 | Green and Reverse logistics | 3 | environmental |
| 14170401 | E-customer relationship management | 3 | Economic |
| 14190406 | Humanitarian logistics | 3 | social |

**Total Quality Management**

This course will help students understand total quality concept and techniques for managing, controlling, and improving quality. This course exposes participants to contemporary knowledge and techniques of TQM. This would in turn enable the participant to articulate and implement quality improvement processes in the workplace, in line with the philosophy of Total Quality Management.

**Production operations management**

The course addresses an introduction to production operations management, analysis of strategic operations and plans related to operations, demand forecasting, production capacity, uses of waiting theory, locating facilities, internal arrangement, information systems, operations management, job design, determining production standards, quality control and work standards, with a focus on the use of Mathematical and statistical methods in it.

**Strategic management**

This course aims to give the students a comprehensive understanding of the issues and techniques of Strategic management. In addition, enhance students' skills in creating competitive advantages to businesses. Further, Develop students’ skills in strategy design, implementation and evaluation. This course includes concepts of strategic management, SWOT analysis, Strategy formulation, Strategy implementation, and type of strategies. Many techniques will be used to deliver the course including, case studies, conducting research, homework, presentations, teamwork and lectures.

**Supply Chain Management**

Supply chain management extends the study of logistics beyond the boundaries of a single organization, and places particular emphasis on the interfaces between the 'chain' or 'network' of enterprises engaged in moving products, services, and information, from suppliers through intermediaries to end users/ consumers. The course focuses on developing a supply chain strategy, something which many organizations still do not have in place even today. Channel relationships between processors, manufacturers, and distributors will also be reviewed, particularly as leading organizations are now openly embracing more collaborative behavior for mutual benefit.

**Humanitarian logistics**

Logistics is one of the most critical components to successful humanitarian assistance, characterized by the efficient and effective delivery of the right assistance to the right beneficiaries at the right time. This course aims to get students acquainted with the fundamental concepts of disaster management. It will provide students with a framework for understanding logistical aspects of humanitarian assistance, explore the ways that logistics can support humanitarian intervention, and give students an opportunity to develop methods for improving the delivery of humanitarian aid. This course will also prepare students for roles ranging from planning, managing, implementing and controlling the flow and storage of goods, material, cost and information along the entire emergency supply chain for the purpose of relief and alleviating the suffering of people in places with disasters. Here. the integration of academia with participants’ past field experience provides practical implications of the evolving humanitarian institutional environment, skills necessary to apply best practices in the field, and knowledge of the supply chain in assistance deliverance.

**E-customer relationship management**

This course aims at introducing applications related to E- Customer Relationship Management that enable business organizations to attract, satisfy and retain customers while ensuring reasonable profitability. Topics include Customer Relationship Management theories, interaction between business strategy, organizational structure, value chain and customer relationships, measurement and management of customer satisfaction and profitability, use of analytical tools in customer relationship management and best practices for companies with extensive experience in this field.

**Supply Chain Performance Measurement**

The overall aim of the course is to develop student’s competencies in managing performance in supply chains. Performance management is concerned with how managers in the supply chains can use different types of management accounting technologies to make strategic oriented design decisions and control their supply chains. Specifically, and resting firmly on an economic rational, operations management, supply chain management and performance management theory as well as on social and organizational theories, students will be able to discuss, measure, use and respond to multiple dimensions of supply chain and network performance as well as to critically evaluate the technologies designed to manage them.

The topics will be covered in the course includes outcome driven supply chains and dimensions of performance, performance management theory and practice, supply chain performance management frameworks, measurement and management of supply chain risk and sustainability, and new topics and research opportunities in supply chains performance management.

**Green and reverse Logistics**

This course aims to enhance students’ knowledge in the major green logistics principles, practices, and its environmental impact on logistical operations from lean production to reverse logistics. It introduces students to the basic concepts of green logistics practices including an analysis of a green applications and carbon footprint credits for companies. This course encompasses a discussion in the role of regulations concerning product take back policies, life cycle assessment, international environmental standard such as ISO 14000, and the impact of legislations and policies on logistics practices and reverse logistics network design. Closed-Loop Supply Chains (CLSC) may offer companies a unique opportunity to improve their profits on one hand and to serve societal responsibility on the other hand. The management of CLSC differs in a number of ways exploring supply chains management in general.

**Export and Import Management**

This course gives attention to the knowledge, skills and insights needed to manage imports and exports either in a comprehensive trading company or in a department of a company that depends on sourcing or exporting to achieve its strategic objectives. This course covers the major facets of the import-export transactions and procedures required to successfully do business overseas. The focus is on practical applications, ranging from understanding the objectives of parties involved in importing and exporting to basics of letters of credit, packaging, and transporting shipments. The course discusses cross-cultural differences, role of banks and freight forwarders, foreign currency management, and documents used in international trade

**Department: Accounting information system**

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| **course name** | **Course number** | **C.H** | **Related to sustainability (social, environmental, cultural, economic)** |
| Auditing | 14130322 | 3 | Economic, Environmental, Social |
| Accounting for Nonprofit Entities | 14130418 | 3 | Social, Economic |
| International Accounting Standards | 14130435 | 3 | Environmental, Economic, Social, cultural |

**International Accounting Standards (14130435)**

This course discusses the International Accounting Standards (IAS) on the one hand and the International Financial Reporting Standards (IFRS) on the other hand. In the first place, it considers the conceptual framework for financial reporting issued by the International Accounting Standards Board (IASB) in theory and in practice. This course deals with IAS/IFRS in terms of their origins and definitions, and linking them with what was studied in the principles of accounting, intermediate accounting, advanced accounting, etc. Furthermore, this course, also, identifies the objectives, scopes, and definitions of these standards. In addition, it illustrates the related provisions concerning the preparation and presentation of financial reporting, under these standards.

 **Auditing (14130322)**

The course is designed to provide in-depth study of auditing principles, concepts, and practices as it applies mainly to business and investors. Further, it will provide the student with a working knowledge of auditing procedures and techniques, standards, ethics and legal environment, statistical audit tools as well as audit reports.

**Accounting for Governmental and Nonprofit Entities (14130418)**

 The course discusses the governmental accounting system and its basis, cash basis, obligations and modified accrual basis. It also deals with the governmental budget and its significance under the Palestinian Authority, how to control funds, and finally, the issuance of financial reports and final statements

**Department: Computerized Banking & Financial Science**

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| course number | Course name | C.H | **Related to sustainability** (social, environmental, cultural, economic) |
| 14110415 | Corporate Governance  | 3 | Social , economic |
| 14110311 | Local Business Legal Environment | 3 | Social , economic |
| 14110412 | Commercial Law | 3 | Social , economic |
| 14110419 | Corporate Governance | 3 | Social , economic |
| 14140307 | Economic Feasibility and Projects Evaluation | 3 | Economic |
| 14110312 | Financial Markets | 3 | Economic |

**Corporate Governance (14110415)**

This course aims to be acquainted with the concept of governance, its principles, the international environment for its development, as well as the local environment through the corporate governance code in Palestine. It also sheds light on the element of internal and external control and risk management, as well as identifying the role of governance in social responsibility. The course contains various practical experiences.

**Local Business Legal Environment (14110311)**

In this course ‎students study ‎the nature and ‎development ‎of Local business legal environment, ‎ Laws implemented locally in Business, accounting and management on the public and private sectors. Including ‎the definition of ‎commercial ‎companies, their ‎types, and their ‎dissolution. The ‎course also ‎provides tackles ‎banks in terms ‎of their ‎definition, and ‎their role in ‎economy. In addition, the ‎course talks about Palestine Monetary Authority and The Palestine Capital Market Authority.

**Commercial Law (14110412)**

This course aims to introduce the student to the history of the emergence and development of commercial law, commercial legislation and its sources, business and its types, and criteria for differentiating between them in commercial and civil businesses (land and sea business), operations of commercial papers, merchant and shop terms and their characteristics, merchant duties, commercial address, commercial register, contracts and their provisions, and agency. Commission and brokerage.

**Economic Feasibility and Projects Evaluation (14140307)**

This course introduces the student to the different forms of investment and the decision making process for the case of a certain-type, probable-type and unknown future-type investments. It also covers studying the market, economic feasibility criteria, technical matters, site selection criteria within industrial zones in addition to assessing the efficiency of economic activities.

**Financial and money markets (14110312)**

The objective of this course is to introduce the student to the concept of financial and monetary markets, their structure and operating environment, then the evaluation of securities and a comprehensive look at the concept of the efficiency of financial markets and companies specialized in the financial market

**Department: Business administration and e-commerce**

**Department: Business administration and e-commerce**

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| course number | Course name | C.H | **Related to sustainability** (social, environmental, cultural, economic) |
| 14160481 | *E- Supply Chain Management & Logistic Services* | 3 | social |
| 14120314 | Production and Operations Management | 3 | environmental |
| 14120316 | Strategic Management | 3 | economic |
| 14120428  | International Business Administration | 3 | economic |
| 14170401 | Electronic Relationship Management | 3 | Social |
| 14170405 | Ethical and Legal Issues for E-Business | 3 | social |

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| **Prerequisite** | **Credit Hours** | **Course Number** | **Course Name** |
| *Electronic Management* | *3* | *14160481* | *E- Supply Chain Management & Logistic Services* |
| This course deals with the study of supply chain management, which extends beyond the borders of organizations and focuses mainly on the interactions between organizations and the chain of companies involved in the transfer of products, services, and information through to suppliers and intermediaries’ final consumers. This course focuses on developing a supply chain strategy and building distinguished relationships between manufacturers and logistical distribution channels. These are emerging issues for industrial and commercial organizations that adopt cooperative behavior based on achieving mutual benefit. This course also deals with the study of the role of information technology in improving the efficiency of logistics services operations for industrial and service organizations and addressing some contemporary logistics such as reverse services and their suppliers. |

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| Prerequisite | **Credit Hours** | **Course Number** | **Course Name** |
| Principles of Administration+ English 2 | (3) | 14120316 | Strategic Management |
| This course addresses the concepts and basics of strategic management and how to formulate the organization's mission and strategic objectives. It deals with strategic management processes that include analyzing the organization's external and internal environment using strategic analysis. It also discusses alternatives and strategic options, their implementation and control. |
| Prerequisite | **Credit Hours** | **Course Number** | **Course Name** |
| E-Commerce | (3) | 14120428  | International Business Administration |
| This course explain the topics of global developments and management and the concept of international business management and its activities, strategies for expansion in international markets.It also includes the definition of foreign trade theories and the General Agreements on Tariffs and Trade (GATT), the World Trade Organization (WTO), and a review of the international business environment such as economic, financial, political, legal and cultural. It shows its foundations in financial management, human resources management, planning strategy for choosing the host country, leading to a review of ISO international standards systems, and the philosophy of total quality management. |

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| Prerequisite | **Credit Hours** | **Course Number** | **Course Name** |
| Computer Networks + Database Systems | (3) | 14170403  | Electronic Monitoring and Control  |
| This course explains the importance of monitoring and auditing electronic information systems by understanding and taking into account the information systems environment and evaluating the adequacy of data processing processes, policies, procedures and controls, the efficiency of effective control procedures, and their reasonableness of cost, taking into account the existing risks and determining the reliability of the assets used in data processing. And protect them from risks by examining general control procedures and control procedures for applications. |

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| **Prerequisite** | **Credit Hours** | **Course Number** | **Course Name** |
| Principles of Administration | (3) | 14120314 | [Production and Operations Management](https://onlinelibrary.wiley.com/journal/19375956) |
| The course talking about the introduction to production operations management, analysis of strategic operations and plans related to operations, forecasting of demand, production capacity, uses waiting for theory, locating facilities, internal arrangement, information systems, operations management, job design, defining production standards, quality control and work standards with a focus on the use of methods. Mathematical and statistical at that. |

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| **Prerequisite** | **Credit Hours** | **Course Number** | **Course Name** |
| 14130203+14150404 | 3 | 14170405 | Ethical and Legal Issues for E-Business |
| This course introduces students to the legal environment of E-business. Topics include such as: the application of business law concepts to solving e-business issues and problems, contemporary legal issues related to e-business management, e-business behaviors, social responsibility and legal aspects of e-business problems. |