

Syrian Arab Republic	 الجامعة الافتراضية السورية SYRIAN VIRTUAL UNIVERSITY	الجمهورية العربية السورية
Ministry of Higher Education and Scientific Research		وزارة التعليم العالي والبحث العلمي
Syrian Virtual University		الجامعة الافتراضية السورية

Course Description: Feasibility Studies

1- Basic Information:

Course Name	Feasibility Studies
Course ID	BAC607
Contact Hours (Registered Sessions)	٢٤
Contact Hours (Synchronized Sessions)	٢٤
Mid Term Exam	-
Exam	75 min
Registered Sessions Work Load	٤٨
Synchronized Session Work Load	٢٤
Credit Hours	٥
Course Level	٦

2- Pre-Requisites:

Course	ID
Decision Theory	BQM603
Administrative Accounting	BAC506
Macroeconomics	BEC403
Corporate Social Responsibility and Business Ethics	BMN508
Business Law	GBL401

3- Course General Objectives:

The course aims to provide students with concepts and knowledge to help them in preparing integrated feasibility studies for projects , and to determine their validity and choose those that can achieve the highest economic and social benefit. The course also provides the student with an explanation of the methods that can be relied upon in estimating the demand when studying projects from the marketing point of view, and the course also helps the student in the process of estimating project costs and the extent to which it can be implemented technically. The course provides the student with techniques that can be used in assessing the financial feasibility of projects in conditions of certainty and uncertainty. The course also helps provide standards and methods that the student can rely on when studying projects from legal, administrative, environmental and social aspects.

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4- Intended Learning Outcomes (ILO):

Code	Intended Learning Outcomes
ILO1	Defining the concept of the feasibility study and its importance for the individual, projects and society, identifying the difficulties and problems they face, and distinguishing between the components of the preliminary and detailed feasibility studies.
ILO2	Applying legal, administrative, environmental and social evaluation criteria for investment projects .
ILO3	Applying demand forecasting methods when studying the marketing feasibility of investment projects.
ILO4	Determine the technical viability of the project and estimate its investment and operational costs.
ILO5	Evaluation of potential sources of financing for investment projects and the comparison between them.
ILO6	Applying methods of assessing the financial viability of projects in conditions of certainty, risk and uncertainty.

5- Course Syllabus (٢٤ hours of total Recorded Sessions, ٢٤ hours of total synchronized sessions)

- **RS:** Recorded Sessions; **SS:** Synchronized Sessions;

ILO	Course Syllabus	RS	SS	Type	Additional Notes
ILO1	Introduction to the economic feasibility study: 1-The concept and forms of the economic project. 2-The concept of investment and its types. 3-Definition of feasibility studies and their characteristics. 4-The importance of feasibility studies. 5-Objectives of feasibility studies. 6-Requirements for feasibility studies. 7-Types of feasibility studies. 8-Problems and difficulties of feasibility studies.	2	2	<input type="checkbox"/> Exercises <input type="checkbox"/> Assignments	Show examples of preliminary and detailed feasibility studies
ILO2	Legal and environmental feasibility study: 1-Potential legal forms for investment projects	2	2	<input type="checkbox"/> Exercises <input type="checkbox"/> Assignments	Show examples of legal, administrative and environmental feasibility studies

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	<p>2-Determinants of choosing the legal form of the proposed investment project</p> <p>3-The difference in the legal procedures used to register the project according to the difference in the legal form of the project</p> <p>4-Examples of the legal procedures and conditions that must be met to carry out the investment project</p> <p>5-Definition of the environmental feasibility study and its importance.</p> <p>6-Determine the nature of the relationship between the project and the surrounding environment.</p> <p>7-The role of environmental analysis in the differentiation process between investment projects.</p> <p>8-Methods for determining the benefits and costs of environmental analysis.</p> <p>9-Administrative feasibility study for the investment project.</p>				
ILO3	<p>Marketing feasibility study:</p> <p>1-Concept of the marketing feasibility study.</p> <p>2-The importance of the marketing feasibility study.</p> <p>3-Steps for the marketing feasibility study.</p> <p>4-Determine the factors affecting the quantity of demand and supply.</p> <p>5-Sources of gathering marketing data.</p> <p>6-The methods used in estimating the request.</p>	2	2	<input type="checkbox"/> Exercises <input type="checkbox"/> Assignments <input type="checkbox"/> Seminars	View examples of marketing feasibility studies
ILO4	<p>Technical feasibility study:</p> <p>1-The concept of technical feasibility study and its importance</p> <p>2-Components of the technical feasibility study</p>	2	2	<input type="checkbox"/> Exercises <input type="checkbox"/> Assignments <input type="checkbox"/> Seminars	Show examples of technical feasibility studies

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	<p>3-Estimating the production capacity of the project.</p> <p>4 - Determine the optimal size of the project.</p> <p>5 - Choose the project site.</p> <p>6-Determine the production technology.</p> <p>7-Determine production methods.</p> <p>8-Determine and select the machines required for the project.</p> <p>9-Preparing the internal arrangement of the project.</p> <p>10 - Determine the project's needs of personnel, supplies and equipment.</p>				
ILO4	<p>Financial feasibility study:</p> <p>1-The concept of a financial feasibility study.</p> <p>2-The importance of the financial feasibility study.</p> <p>3-Steps for a financial feasibility study.</p> <p>4-Estimating cash outflows related to investment costs,</p> <p>5-An estimate of the initial net working capital</p> <p>6-Estimating operating costs.</p> <p>7-Estimating the cash inflows.</p> <p>8-Factors to be taken into consideration when estimating cash flows.</p>	2	2	<input type="checkbox"/> Exercises <input type="checkbox"/> Assignments <input type="checkbox"/> Seminars	View cost estimation examples
ILO5	<p>Project financing sources and its cost:</p> <p>1-Short-term sources of financing and their cost.</p> <p>2-Medium-term sources of financing and their cost</p> <p>3-Long-term sources of financing and their cost.</p> <p>4-Weighted average cost.</p> <p>5-Selecting the optimal financing structure.</p>	2	2	<input type="checkbox"/> Exercises <input type="checkbox"/> Assignments <input type="checkbox"/> Seminars	Do exercises before the session

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	6-Factors affecting the selection of the optimal financing structure.				
ILO6	<p>Methods of assessing financial feasibility in condition of certainty</p> <p>1-The concept of certainty .</p> <p>2-The methods used in assessing the financial feasibility under the verification.</p> <p>3-Average return accounting method.</p> <p>4-Payback period method.</p> <p>5-The net present value method.</p> <p>6-Profitability guide method.</p> <p>7-The internal rate of return method.</p> <p>8-Comparing and comparing the methods used in evaluating financial feasibility.</p>	2	2	<input type="checkbox"/> Exercises <input type="checkbox"/> Assignments <input type="checkbox"/> Seminars	Do exercises before the session
ILO6	<p>Methods of assessing financial viability in conditions of risk and uncertainty:</p> <p>1-The concept of risk and uncertainty.</p> <p>2-The methods used in assessing financial feasibility in conditions of risk and uncertainty.</p> <p>2-The revenue power of the investment project.</p> <p>3-Break-even point.</p> <p>4-Analyzing the sensitivity of investment projects</p> <p>5-Decision Tree.</p>	2	2	<input type="checkbox"/> Exercises <input type="checkbox"/> Assignments <input type="checkbox"/> Seminars	Do exercises before the session
ILO2	<p>Social feasibility study:</p> <p>1-The concept of the social profitability of the project.</p> <p>2-The objectives of the social feasibility study of the project.</p> <p>3-The differences between social profitability and financial profitability.</p> <p>4-The stages of the project's social feasibility study.</p>	2	2	<input type="checkbox"/> Exercises <input type="checkbox"/> Assignments <input type="checkbox"/> Seminars	Presenting practical cases about the social feasibility study

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5-Criteria used in evaluating the project's social profitability.				
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6- Assessment Criteria (Related to ILOs)

ISC	Interactive Synchronized Collaboration	Ex	Exams	Rpt	Reports
PF2F	Presentations and Face-to-Face Assessments	PW	Practice Work		

ILO Code	ILO	Intended Results	Assessment Type				
			ISC	PW	Ex	PF2F	Rpt
ILO1	Defining the concept of the feasibility study and its importance for the individual, projects and society, identifying the difficulties and problems they face, and distinguishing between the components of the preliminary and detailed feasibility studies.	Remember vocabulary of scientific content by answering direct questions while others are deductive. Distinguish the similarities and differences between the initial and detailed feasibility studies and the services provided by each			×		
ILO2	Applying legal, administrative, environmental and social evaluation criteria for investment projects .	Answer the questions raised in the online session Presenting a practical case for an environmental and social feasibility study for an investment project	×	×	×		

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ILO3	Applying demand forecasting methods when studying the marketing feasibility of investment projects.	Answer the questions raised in the online session. Presenting a practical case about the marketing feasibility study of an investment project.	×	×	×		
ILO4	Determine the technical viability of the project and estimate its investment and operational costs.	Answer the questions raised in the online session. Presenting a practical case about the technical feasibility study for an investment project.	×	×	×		
ILO5	Evaluation of potential sources of financing for investment projects and the comparison between them.	Remember the student the vocabulary of the scientific content. Evaluating short, medium and long-term financing sources for a Syrian company	×	×	×		
ILO6	Applying methods of assessing the financial viability of projects in conditions of certainty, risk and uncertainty.	Remember the student the vocabulary of the scientific content. Presenting a practical case in which methods of evaluating the financial viability of an investment project are used.	×	×	×		

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7- Practice Tools:

Tool Name	Description
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8- Main References

1-Masanga . ndalahwa , a practical guide to write a feasibility study , NMM printer , 2020 , ٢-عشوش . محمد ايمن عبد اللطيف ، الأصول العلمية لدراسة مشاريع جدوى الاستثمار ، جامعة القاهرة ، ٢٠١٦ . ٣-كداوي . طلال ، تقييم القرارات الاستثمارية ، جامعة الموصل ، ٢٠٠٧

9- Additional References

1- Almuhammad . Saeed , Economic feasibility study preparation and analysis , Sultan Qaboos university – academic publication and outreach department , 2019 . 2 - Evaluation model , Unido independent individual division , united nation , industrial development organization , 2018 . ٣ – شاكر . نبيل عبد السلام ، دراسات الجدوى الاقتصادية وتقييم المشروعات الجديدة ، دار القلم ، ٢٠٠٦ ٤ – فايد . عادل طه ، دراسات الجدوى – التقويم المحاسبي والاقتصادي للمشروعات ، المنظمة العربية للتنمية الإدارية . ٢٠١١ ٥ – الاشوح . زينب . دراسة الجدوى الاقتصادية وتقييم المشروعات ، دار الكتب المصرية ، ٢٠١٦
