

Course Description

ACC 631 - Managerial Accounting Seminars (3
Cr)

This seminar aims to the advanced study of problems related to the evaluation of the production of accounting information for the purpose of planning, control and decision making in organizations. More emphasis is placed on the quantitative and behavioral aspects and the different approaches to conducting research in the areas of production and use of managerial accounting information.

ACC 641 – Auditing seminars (3
Cr)

This seminar aims to the study of the auditing philosophy, with a deep analysis of the studies that examine the professional, quantitative and behavioral issues encountered in the different phases of the auditing process. Emphasis is placed on the recent trends in auditing research in general.

ACC 651 - Philosophy & History of Accounting (3
Cr)

This seminar aims to the in-depth study of the philosophy of science of financial accounting. The seminar includes an analytical study of the history of accounting and the development of accounting thought. The seminar also includes a study of the accounting philosophy and theorization approaches.

ACC 661 - Financial Accounting Seminars (3
Cr)

This seminar aims to addressing the problems of the production of accounting information at both the micro and macro levels, with the study of theories that interpret the role of accounting information in decision making. This seminar aims also to the study of the different approaches to studying the behavior of decision makers in selecting and using financial accounting information.

ACC 671 - Seminars in Zakat and Tax Accounting (3
Cr)

This seminar aims to the in-depth study of accounting problems related to Zakat and tax accounting. The seminar includes both philosophical and practical aspects, with the study of the different approaches to research in the areas of Zakat and tax accounting.

ACC 681 - Seminar in Accounting Information Systems (3
Cr)

This seminar aims to the advanced study of the problems related to the design and management of accounting information systems. Emphasis is placed on issues related to the security of accounting information, accounting database management, and the accounting problems associated with the activities of electronic commerce.

BUS 511 - Organizational Behavior (3
Cr)

The purpose of this course is to introduce the students to advanced behavioral concepts and theories, and to develop their analytical skills in diagnosing, analyzing and solving behavioral problems in work situations. The course consists of two main parts: at the micro level it focuses on the individual and group behavioral processes. At the macro level, it deals with aspects of the internal organizational environment as they affect group and individual behavior and performance. Experiential learning is emphasized through the use of exercises and analysis of cases.

BUS 521 - Financial Management (3
Cr)

This course provides a comprehensive treatment of finance. Relying on a valuation framework, which is the central and unifying theme, it covers environment in financial management, valuation, capital investment analysis, working capital management, long-term financing and dividends, financial statement analysis and tools of planning and control, and additional topics in financial management.

BUS 524 - Financial Institutions and Markets (3
Cr)

This course provides an overall view of the financing process and the role of financial markets. It covers the supply and demand of loanable funds, the money and capital markets, level and structure of interest rates, forecasting financial flows and interest rates, the nature of government monetary and fiscal policies and their effects on macroeconomic variables.

BUS 525 - Corporate Finance (3
Cr)

This course places the student in the decision maker's role regarding key elements of managerial finance through an intensive analysis, by means of case study, of financial problems related to financial planning, asset management, cost of capital, capital structure, capital budgeting, long-term financing, and dividend policies.

BUS 528 - Advanced Topics in Finance & investment (3
Cr)

This course will cover various topics in finance. It could cover some or more than the following topics: risk management, business valuation, options and futures, creative

financing techniques and recent issues in financial management.

BUS 551 - International Business Management (3
Cr)

This course is divided into two parts. The first part provides the students with an intensive study of changing economic, political, and cultural environment in which the business conducts its affairs internationally. The second part of the course encompasses the specific problems with which international businessman must deal, such as marketing, community relationships, organization, financial management, operating policies, and the ways in which these problems may be approached.

BUS 561 - Management Information Systems (3
Cr)

The course aims at providing a detailed study of the nature, characteristics and role of management information in decision making at the corporate level as well as the functional and sub-systems of the firm. The course also discusses elements of integrated management information systems (MIS), strategies of establishing management information systems, and the problems and issues which may restrict the effective use of MIS within business firms. The course also aims at developing student's skills in the use of management information systems in decision making through the utilization of cases and projects.

BUS 571 - Operations Management (3
Cr)

This course provides a study in implementing operations management responsibilities in the best economic way. It deals with planning, organizing, and controlling (quantity and quality) of the operations management. Also, it includes, operations economics, plant location and equipments, materials handling, automation, plant layout, productivity improvement, work methods, production research and development, and tools of quantitative analysis. Quantitative and qualitative case analyses are used.

BUS 597 - Strategic Management (3
Cr)

The primary objective of this course is to help the student develop a perspective of the top manager's functions and responsibilities from a conceptual as well as an operating standpoint. The focus of the course is on strategy formulation and implementation in business firms. The case method is the predominant mode of instruction. Cases are drawn from firms of various sizes and industries.

BUS 601 – Behavioral Science Foundations (3
Cr)

The emphasis of this course is on the foundations of scientific inquiry into the

behavioral sciences, such as psychology, anthropology and sociology. Current research methods and theory development will be thoroughly discussed. Also, the various schools of thought underlying the behavioral sciences will be reviewed and discussed.

BUS 698 – Seminar in Advanced Research Design (3
Cr)

This course discusses advanced research techniques and designs and their applications to business problems. The course includes review of business literature to identify strengths and weaknesses of popular research methods and analytical techniques. The main goal is to provide a forum that assists the student with the development of a dissertation proposal. Specific objectives include developing the student's ability to: 1) acquire advanced research techniques in business administration, 2) identify a research area of interest, 3) conduct a literature search, 4) form research questions and operational hypotheses, 5) develop a research design, and 6) delineate a data analysis and interpretation plan. Prerequisite: BUS 598 and passing all courses of 1st and 2nd years successfully.

ECO 501 – Microeconomic Theory (3
Cr)

This course addresses the advanced consumer theory, advanced theory of the firm, production and cost functions, the market theory, the factor market, and general equilibrium and welfare.

ECO 502 – Macroeconomic Theory (3
Cr)

This course addresses consumption theories, investment theories, the money market, inflation, productivity and the Philips curve, rational expectations models, and economic growth models.

ECO 511 – Monetary Theory (3
Cr)

This subject examines the Classical and Modern theories of money. It also deals with the role of money in economic growth and international economics and evaluates alternative monetary policies in achieving various economic goals.

ECO 512 – public Finance (3
Cr)

An advanced treatment of government expenditure, taxation and public debt. The subject also discusses the a government budget and its uses and evaluates alternative fiscal policies in achieving various economic objectives.

ECO 540 – Mathematical Economics (3
Cr)

This course addresses the revealed preference and consumer theory, the production functions, monopoly and monopsony, oligopoly, linear programming and input – output models, Pareto optimality monopolies, intertemporal optimization, optimal accumulation of capital, optimal growth, Turnpike theorems, and capital models with non-homogenous capital goods.

ECO 541 – Econometrics (3
Cr)

This course addresses the advanced treatment of the general linear model and estimation problems, stochastic regressors, lagged variables, specialized topics, dummy variables, non-linear regression, time series models, simultaneous equation models, and the analysis and use of Econometric models.

IS 533 – Advanced Topics in Database (3
Cr)

This course addresses Database Systems: Semantic data modeling, Object-oriented databases, Query optimization, Semantic Integrity, Distributed Databases (DDB), Data fragmentation and distributed transparency, Distributed query processing, Concurrency control methods: Serializability in a DDB and the two-phase locking method, Concurrency control based on timestamp, The two-phase COMMIT protocol, Recovery management.

IS 537 – Artificial Intelligence and Knowledge-Based Systems (3
Cr)

This course addresses Artificial Intelligence (AI): problem solving concepts, Knowledge-based systems (KBS) defined, KBS domain of application, Problem formulation and state space search, Knowledge representation: Rules, semantic nets, and frames, Knowledge acquisition techniques, Deduction with formal logic, Rule-based systems, Inexact reasoning, Expert systems (ES) Development, Building a business ES: A case study.

IS 540 – Management of Project Program (3
Cr)

This course addresses Preparing for Project: Project financial analysis and risk evaluation, Procurement models, Proposal strategies, technical management and cost proposal, Project planning, Managing the project design effort and team: Preparing the system design, functional, and program specification; Technical quality assurance, Managing the project's implementation and acceptance phases, Post-completion analysis, Advanced project management techniques, Software quality assurance and control, Software metrics.

IS 562 – Modeling and Simulation in Decision-Making (3

Cr)

This course addresses Principles of simulation: Model building, Handling time in models, Models attributes and parameters, Simulation languages and systems, Business application: Finance, Inventory, Simulation of human decision-making AI and simulation, corporate simulation models and case studies.

STA 534 – Experimental Designs

(3

Cr)

This course addresses basic principles, completely randomized and randomized complete block designs, Latin square designs. Factorial experiments, Confounding and fractional replications, Grouping of experimental units and stratification of variance, Split-Unit designs, non-orthogonal designs, cross-over designs, response surface designs.

STA 578– Applied Multivariable Analysis

(3

Cr)

This course addresses the multivariate normal distribution; estimation of the mean vector and the covariance matrix. The distribution of the sample covariance matrix and the sample generalized variance. Techniques for analyzing multivariate data. Emphasis on MANOVA and tests on the structure of the dispersion matrix. Topics will include discriminate, factor, profile, and cluster analysis. Data analysis will be done using relevant computer packages.