

**National University Sudan  
Faculty of Graduate Studies and Scientific Research  
Faculty of Administrative Sciences**



**Master of Business Administration  
(MBA)  
Project Management**



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**Introduction**

Success in business, not like ever before, requires an innovative thinking and apt skills to comply with the imperatives and conditions of the era of knowledge, globalization and international trade. This implies an involvement of highly qualified personnel in business vis-à-vis:

- Business Administration General
- Projects Management
- Human Resource Management
- Financial Management
- Hospital Management
- Entrepreneurship
- Marketing

For this the National University offers a program in business administration (MBA) coping with community needs as due to graduate self-employment in light of the limited and rare government job opportunities. The MBA program also targets bridging the gap in university teachers, and researchers in business administration.

**General objectives**

- Provide training opportunities at master level in management for university staff and for seekers of professionalism.
- Familiarize the potential candidacy of the program with concepts and principles of management
- Empower the business sector in Sudan with qualified personnel in management
- Prepare the Sudanese industry for competitive globalization and international trade.

**Specific objectives**

The program qualifies the candidates to:

- Communicate professionally to bridge diverse perspectives, cultures, and disciplines in project management.
- Analyze ethical implications in project management.
- Apply quantitative problem-solving methods in project management.
- Assess global opportunities and challenges facing project management growth.
- Behave and collaborate as a project manager.

### Expected learning outcomes

Upon completion of the program, successful candidates should be able to:

- Understand the essential elements of a project management foundation.
- Describe the concepts of project life cycle phases and project management process groups.
- Understand and describe all project management processes and applications.

### Admission requirements

- Applicant must satisfy the general regulations set by the faculty of graduate studies and scientific research of the National University for registration for master degrees.
- Eligible candidates are:
  - (a) Holders of B.Sc. with grade good minimum
  - (b) Holders of B.Sc. with grade pass plus a Postgraduate Diploma.
  - (c) Holders of B.Sc. with grade pass plus three years of experience at least.

### Study Program

#### Semester One

Code	Course	Credit hours	Contact hours	
			Lectures	Seminars
ACC-511	Cost and Management Accounting	3(2+1)	2	2
MAR-512	Marketing Management	3(2+1)	2	2
MIS-513	Management Information Systems	3(2+1)	2	2
FIN-514	Financial Management	3(2+1)	2	2
MOB-515	Organizational Behavior	3(2+1)	2	2

**Semester Two**

Code	Course	Credit Hours	Contact hours	
			Lectures	Seminars
MHR-521	Human Resources Management	3(2+1)	2	2
PRO-522	Project Management	3(2+1)	2	2
ETP-523	Business Ethics and Social Responsibility	3(2+1)	2	2
MAG-524	Production and Operation Management	3(2+1)	2	2
MEP-525	Entrepreneurship	3(2+1)	2	2

**Semester Three**

(Three Elective Courses+PRO-531 Strategic Management and PRO -537 Research Paper)

Code	Course	Credit Hours	Contact hours	
			Lectures	Seminars
PRO-531	Strategic Management	3(2+1)	2	2
PRO-532	Project Management Information Systems	3(2+1)	2	2
PRO-533	Total Quality Management	3(2+1)	2	2
PRO-534	Project Planning and Scheduling	3(2+1)	2	2
PRO-535	Supply Chain Management	3(2+1)	2	2
PRO-536	Projects Feasibility Study	3(2+1)	2	2
PRO-537	Research Paper	3(0+3)	0	6

**Courses Contents****ACC-511 Cost and Management Accounting**

Introduction; Management accounting and financial accounting; Cost and volume-profit analysis; Break-even analysis for multiple products; Budgeting and budgetary control; Departmental budgets; Capital budgeting; Standard costing; Pricing of products and services; Management accounting and business decisions

**MAR-512 Marketing Management**

Market determination; Customer value and satisfaction; Product planning and development; Strategic marketing decisions; Marketing of services; Branding packaging and labeling; Product policy; Pricing; Channels of distribution and promotion; Wholesaling and retailing.

### **MIS-513 Management Information Systems**

Concepts of information systems; Managers information needs; Types of information systems: Planning and development; Tools and methods of building information systems, Information systems success and failures; Privacy and security of information systems; Ethical and social aspects related to information systems; Information systems departments (ISD).

### **FIN-514 Financial Management**

Introduction; Financial management Objectives; Financial management environment; Interest rates and required rate of returns; Financial statements: taxes, depreciation and cash flow; Risk and rates of return; Future and present value; Ordinary annuity; Annuity due and perpetuity; Effective annual interest rate (EAR); Cost of capital; Payback period; Net present value(NPV); Internal rate of return (IRR); Modified internal rate of return (MIRR); Payback period; Net present value internal rate of return (IRR); Modified internal rate of return (MIRR); Cash flow estimation and risk analysis; Capital structure and leverage; Financial statement analysis; Distributions to shareholders: Dividends and share repurchases.

### **MOB-515 Organizational Behavior**

Introduction; Individual behavior: Personality and values; Individual perception and learning; Motivation and rewards; Decision making; Decision making and ethics, Ethics and conflicts, Negotiations; Communication in teams and with organizations.

### **MHR-521 Human Recourses Management**

Introduction; HRM planning; Job design cycle; Recruitment and selection; Performance management system; Employees counseling; Development programs; Motivation; Compensation; Turnover program; Global HRM.

### **PRO-522 Project Management**

Introduction; Information system project environment; ISPM features; ISPM conflicts; Project communication; Alternate organization structures; Requirement analysis; Software development standards; Project applications.

### **ETP- 523 Business Ethics and Social Responsibility**

Introduction; Business ethics; Ethics in business; Good life as the goal of ethics; Finding ethics in business; Business values; Ethics and legal professionals; Trust and truth; Advertising and consumer manipulation; Competition and self-control.

### **MAG-524 Production Operation Management**

Introduction; Location planning; Capacity planning; Facilities layout; Inventory control; Materials required for planning; Project control with PERT/CPM; Behavioral issues in operations management; International issues in operations management; Service operations management; Quality management

### **MEP-525 Entrepreneurship**

Introduction; Entrepreneurial process; Entrepreneurship and creativity; Entrepreneurial assessment; Starting own business; Business plan development; Business plan writing; Presenting business plan; Business problem-solving for Entrepreneur; Marketing plan development; Customer service for new business start up; Basic website development; Advanced website development; Entrepreneurship in practice; Applications: Introduction to eBay®; Developing business opportunities and plans; Taking innovation to market; Financing entrepreneurial operations.

### **PRO-531 Strategic Management**

Introducing; Leading strategically; Examining internal context of strategy; Exploring external environment: Macro and industry dynamics; Crafting business strategy; Crafting business strategy for dynamic contexts; Looking at international strategies; Alliances and cooperative strategies; Employing strategy implementation levers; Employing strategy implementation levers; Strategic management; Internal context of strategy; Exploring external environment; Macro and industry dynamics; Crafting and dynamic business strategy; International strategies; Alliances and cooperative strategies; Implementation of strategies.

### **PRO-532 Project Management Information Systems**

Introduction; Program and project portfolio management; Project integration management; Project scope management; Projects and team: people, organizations and roles; Managing agreements and documents; Standard and custom reports; Guiding collaboration with policies and workflow diagrams; Information for common understanding prerequisites for collaboration; Cheapest and most reliable way to document and communicate information; Armor for defense against political or legal attacks; A window into project; Improving performance with report cards; Challenges to implementation.

### **PRO-533 Total Quality Management**

Basics of total management; Evolution of quality; Foundations for total quality management; Total quality management (TQM) culture; Preparing for total quality management; Quality problems; Quality certification; TQM performance.

### **PRO-534 Project Planning and Scheduling**

Introduction; Bases for project schedule; Project objectives and scope; Project milestones and budget; Basic network diagramming; Cornerstones of project management; Phases of project management; Scheduling front end; Project resources availability; Critical path; Project schedule tools; Expanded network diagramming; Bar chart; Assignments.

### **PRO-535 Supply Chain Management**

Introduction; Supply chain management within organizations; Nature of firms; Evolution of supply chain; Role of supply chain management within fortune 500 companies; Design and development of a supply chain network; Measuring and analyzing the value and efficiency of domestic and global supply chains networks; Planning for supply and demand within a supply chain; Economic effect of supply chains within corporate America; Barriers of overall supply chains; Coordination within a supply chain: BMW case; Pricing and revenue management in a supply chain; Major barriers facing supply chains networks in North America.

**PRO-536 Projects Feasibility Studies**

Introduction; Definition of entrepreneurship; Feasibility analysis process, Opportunity recognition and entrepreneurial research; Creation of ideas-preliminary model; Identify your industry; Market types; Financial research; Competitive analysis; Venture structure and the future; Group presentations.

**PRO-537 Research Paper:** Publish a paper in a refereed scientific journal.

**Human resources and facilities**

**Teaching staff:** One professor

Five associate professors

Five assistant professors

**Facilities:** Four lecture rooms: 200 seats

Two computer labs: 150 seats

National University main library: 400 seats

E-library: 250 seats

**Duration of program:** Three semesters: 15 weeks each

**Teaching modules**

Lectures; Seminars and Presentations; Case studies; Group research; Assignments;

Report writing, Guest speaks.

**Teaching language:** English

## **Examinations regulations**

- Abide by the examinations rules of the general regulations of the graduate studies of the National University-Sudan.
- A student scoring less than 60% in any subject should sit for a supplementary examination.
- A student failing any supplementary examination should repeat the course.
- Each student shall conduct a supervised published or accepted paper in a refereed journal.

<b>Assessment:</b>	Continuous assessment	50%
	Final examination	50%

**Grading system:** A<sup>+</sup> (≥ 85) A (80 – 84) B<sup>+</sup> (70 – 79) B (65 – 69) C (60-64) F (< 60)

### **Award of the degree**

The Scientific Council of the National University, based on the of recommendation of the board of the Faculty of Graduate Studies and Scientific Research, shall award the successful candidate

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