GENERAL SIR JOHN KOTELAWALA

DEFENCE UNIVERSITY





FACULTY OF MANAGEMENT SOCIAL SCIENCES AND HUMANITIES DEPARTMENT OF MANAGEMENT

& FINANCE

BSc (Hons) in Financial Analytics

Introduction to Degree Programme

The BSc (Hons) in Business Management and Financial Analytics program at the Department of Management and Finance is meticulously designed to provide students with a comprehensive understanding of financial principles and analytical techniques essential for navigating the complexities of modern financial landscapes. With a keen focus on enhancing financial literacy and analytical prowess, this program equips students with the knowledge and skills necessary to excel in various financial roles within organizations and beyond.

Throughout the program, students delve deep into foundational financial concepts while also gaining practical experience in applying cutting-edge analytical tools and techniques. Modules such as Financial Accounting, Cost and Management Accounting, Financial Management, and Financial Risk Management provide students with a solid grounding in financial theory and practice. They learn how to analyze financial statements, assess investment opportunities, manage budgets, and mitigate financial risks effectively. Moreover, specialized courses like Credit and Treasury Management, Financial Economics, Financial Modelling and Forecasting, and Investment and Portfolio Management equip students with advanced skills tailored to meet the demands of the financial industry. By exploring topics such as asset valuation, portfolio optimization, risk assessment, and financial modeling, students develop the expertise necessary to make informed financial decisions and drive strategic initiatives within organizations.

The program also emphasizes practical application through real-world case studies, projects, and internships, allowing students to gain hands-on experience and insight into the day-to-day operations of financial institutions and corporate finance departments. Furthermore, elective options such as Internet of Things (IoT) and Research Project enable students to explore emerging trends and conduct in-depth analyses, enhancing their ability to adapt to evolving financial landscapes and harness technology for financial innovation.

By blending theoretical knowledge with practical skills and industry-relevant experience, the BSc (Hons) in Business Management and Financial Analytics program ensures that graduates are well-equipped to pursue diverse career paths in finance, including roles in banking, investment management, corporate finance, financial analysis, and consulting. With a strong foundation in both business management and financial analytics, graduates emerge as strategic thinkers and proficient problem-solvers ready to make impactful contributions in the dynamic world of finance.

| | | | | BSc (Hons) in Financial Analytics | | | | | |
|---|-----------------|------------------------|-------------------------------------|-----------------------------------|--|--|--|--|--|
| Yr Sem Module Code Name of Module | | | | | | | | | |
| 1 | Ι | BSM-11013 | Principles of Management | Credits 3 | | | | | |
| 1 | Ι | BSM-11023 | Business Mathematics | 3 | | | | | |
| 1 | I | BSM-11033 | Business Law | 3 | | | | | |
| 1 | I | BSM-11043 | Communication Skills | 3 | | | | | |
| 1 | I | BSM-11053 | IT for Business | 3 | | | | | |
| | | | Semester Total | 15 | | | | | |
| 1 | II | BSM-12012 | Sociology | 2 | | | | | |
| 1 | II | BSM-12023 | Total Quality Management | 3 | | | | | |
| 1 | II | BSM-12033 | Business Statistics | 3 | | | | | |
| 1 | II | BSM-12043 | Microeconomics | 3 | | | | | |
| 1 | II | BSM-12051 | Business Discourse Analysis | 1 | | | | | |
| 1 | II | BSM-12063 | Statitical Data Analysis | 3 | | | | | |
| | | | Semester Total | 15 | | | | | |
| 2 | 1 | BSM-21013 | Human Resource Management | 3 | | | | | |
| 2 | Ι | BSM-21023 | Peronality and Skill Development | 2 | | | | | |
| 2 | 1 | BSM-21063 | Research Writing Skills | 1 | | | | | |
| 2 | Ι | BSM-21033 | Macroeconomics | 3 | | | | | |
| 2 | Ι | BSM-21043 | Operations Management | 3 | | | | | |
| 2 | 1 | BSM-21053 | Financial Accounting | 3 | | | | | |
| | | | Semester Total | 15 | | | | | |
| 2 | II | BSM-22012 | Managerial Psychology | 2 | | | | | |
| 2 | Π | BSM-22023 | Organizational Behavior | 3 | | | | | |
| 2 | II | BSM-22033 | Marketing Management | 3 | | | | | |
| 2 | II | BSM-22063 | Analytical Writing Skills | 1 | | | | | |
| 2 | II | BSM-22043 | Cost and Management Accounting | 3 | | | | | |
| 2 | II | BSM-22053 | Entrepreneurship Development | 3 | | | | | |
| - | | 5 | emester Total | 15 | | | | | |
| 3 | Ι | BSM-31013 | Management Information Systems | 3 | | | | | |
| 3 | Ι | BSM-31023 | Financial Management | 3 | | | | | |
| 3 | Ι | BSM-31033 | Supply Chain Management | 2 | | | | | |
| 3 | Ι | BSM-31043 | Research Methodology | 3 | | | | | |
| 3 | Ι | BSM-31051 | Business Communication | 1 | | | | | |
| 3 | Ι | BSM-31063 | Auditing and Taxation | 3 | | | | | |
| | | | Semester Total | 15 | | | | | |
| 3 | II | BSM-32013 | Strategic Management | 3 | | | | | |
| 3 | II | BSM-32023 | Operations Research | 3 | | | | | |
| 3 | II | BSM-32033 | Project Management | 3 | | | | | |
| 3 | Π | BSM-32043 | Business Ethics and Governance | 3 | | | | | |
| 3 | II | BSM-32052 | Business Economics | 3 | | | | | |
| - | | | semester Total | 15 | | | | | |
| 4 | Ι | BFA-41013 | Computer Application for Managers | 2 | | | | | |
| 4 | I | BFA-41023 | Credit and Treasury Management | 2 | | | | | |
| 4 | I | BFA-41033 | Financial Economics | 2 | | | | | |
| 4 | I | BFA-41043 | Financial Modelling and Forecasting | 2 | | | | | |
| 4 | I | BFA-41053 | Investment and Portfolio Management | 2 | | | | | |
| 4 | I | BFA-41062 | Financial Risk Management | 2 | | | | | |
| · · | - | | Semester Total | 12 | | | | | |
| 4 | II | BSM-42013 | International Trade and Finance | 3 | | | | | |
| - (| | 2011 42013 | And | | | | | | |
| 4 | II | BSM-42023 | Internet of the Things (IOT) | 3 | | | | | |
| -+ | <u><u> </u></u> | 13511-42023 | Or | | | | | | |
| 4 | II | BSM-42036 | Internship | 6 | | | | | |
| + | ш | B5W-42030 | And | U | | | | | |
| 4 | II | BSM-42046 | Internship Report | 6 | | | | | |
| 4 | II | BSM-42046 BSM-42056 | Research Project | 6 | | | | | |
| 4 II BSM-42056 Research Project Semester Total | | | | 18 | | | | | |
| | | Total Credits | | | | | | | |
| | | | | 120 | | | | | |

| Yr | Sem | Module Code | Name of Module | Credits |
|----------------|-----|-------------|-----------------------------|---------|
| 1 | Ι | BSM-11013 | Principles of Management | 3 |
| 1 | Ι | BSM-11023 | Business Mathematics | 3 |
| 1 | Ι | BSM-11033 | Business Law | 3 |
| 1 | Ι | BSM-11043 | Communication Skills | 3 |
| 1 | Ι | BSM-11053 | IT for Business | 3 |
| | 15 | | | |
| 1 | II | BSM-12012 | Sociology | 2 |
| 1 | II | BSM-12023 | Total Quality Management | 3 |
| 1 | II | BSM-12033 | Business Statistics | 3 |
| 1 | II | BSM-12043 | Microeconomics | 3 |
| 1 | II | BSM-12051 | Business Discourse Analysis | 1 |
| 1 | II | BSM-12063 | Statistical Data Analysis | 3 |
| Semester Total | | | | 15 |

Programme Structure: BSc (Hons) in Financial Analytics: Year 1-Course Units

Principles of Management

The Principles of Management module serves as an introduction to organizational operations. It covers how managers plan, lead, and achieve success by exploring core functions, decision-making models, and strategies for motivating teams. This foundational knowledge is designed to equip students with the skills needed to understand and navigate various organizational environments.

Credits

Business Mathematics

3

The Business Mathematics module provides essential skills for translating complex data into clear solutions. It focuses on mastering calculations for profit margins, break-even points, and other key metrics. This module prepares students to analyze markets, make informed decisions, and gain a competitive edge in business.

Credits 3

GPA-Compulsory

BSM-11013

BSM-11023

The Business Law module guides students through the legal landscape of commerce, providing a foundational understanding of contracts, torts, and regulatory frameworks affecting business operations. This knowledge equips students to make informed decisions and mitigate legal risks, ensuring their businesses operate within legal boundaries.

Credits

Communication Skills

The Communication Skills module focuses on delivering impactful messages in the business context. It covers effective writing, clear speaking, and active listening techniques. Mastering these skills enables students to collaborate effectively, negotiate persuasively, and build strong professional relationships.

Credits

IT for Business

3

The IT for Business module bridges the gap between technology and organizational success. It explores how information technology systems support core business functions, data analysis, and decision-making. Understanding the power of IT equips students with the knowledge to leverage technology to optimize operations and gain a competitive edge.

Credits

3

GPA-Compulsory

GPA-Compulsory

GPA-Compulsory

BSM-11043

BSM-11053

3

Semester – II

Social Dynamics in Management

The Social Dynamics in Management module examines the human aspects of organizations, exploring how group behavior, leadership styles, and communication impact team performance. By understanding these dynamics, students will be better prepared to navigate complex workplace interactions, build trust, and create a collaborative environment for organizational success.

Credits

Total Quality Management

2

The Total Quality Management (TQM) module focuses on achieving long-term success through customer satisfaction and continuous improvement. It covers TQM tools and techniques, such as Six Sigma, Lean methodologies, and the PDCA cycle. Emphasizing a quality-focused culture, leadership commitment, and employee involvement, this module equips students to implement effective quality management systems that enhance organizational excellence and competitiveness.

Credits

Business Statistics

3

In the Business Statistics module, the application of statistical methodologies to analyze business data and derive meaningful insights is explored. Students are exposed to a range of statistical tools, including probability theory and regression analysis, enabling them to inform business decision-making and improve performance across various scenarios.

Credits 3 GPA-Compulsory

BSM-12033

BSM-12012

GPA-Compulsory

The course is designed to teach students to introduce fundamental networking concepts and technologies. The online course materials will assist students in developing the skills necessary to plan and implement small networks across a range of applications.

| Academic V | Vriting Proficiency for writing | | BSM-12051 |
|------------|---------------------------------|------------|-----------|
| Credits | 3 | Compulsory | GPA- |

The Academic Writing Proficiency for Business module provides essential tools for excelling in scholarly communication. It covers crafting clear, concise, and well-structured arguments and mastering proper citation practices to ensure academic integrity. This module helps students develop the confidence to communicate ideas effectively and contribute meaningfully to academic discourse.

| Statistical D | ata Analysis | | BSM-12063 |
|---------------|--------------|------------|-----------|
| Creans | 1 | Compulsory | |
| | | | |

The Statistical Data Analysis module equips students with the skills to transform data into actionable insights. It covers statistical methods for summarizing, interpreting, and visually presenting data. Students will learn to analyze market trends, assess risk, and evaluate business performance, enabling them to make data-driven decisions that optimize organizational strategies.

Credits 3

GPA-Compulsory

BSM-12043

Credits

1

GPA-

Programme Structure: BSc (Hons) in Financial Analytics: Year 2-Course Units

| Yr | Sem | Module Code | Name of Module | Credits | |
|----|-------------------|------------------|------------------------------|---------|--|
| 2 | 1 | BSM-21013 | Human Resource Management | 3 | |
| 2 | | | Peronality and Skill | 2 | |
| 2 | Ι | BSM-21023 | Development | Δ | |
| 2 | 1 | BSM-21063 | Research Writing Skills | 1 | |
| 2 | Ι | BSM-21033 | Macroeconomics | 3 | |
| 2 | Ι | BSM-21043 | Operations Management | 3 | |
| 2 | 1 | BSM-21053 | Financial Accounting | 3 | |
| | Semester Total | | | 15 | |
| 2 | II | BSM-22012 | Managerial Psychology | 2 | |
| 2 | II | BSM-22023 | Organizational Behavior | 3 | |
| 2 | II | BSM-22033 | Marketing Management | 3 | |
| 2 | II | BSM-22063 | Analytical Writing Skills | 1 | |
| 2 | | | Cost and Management | 3 | |
| | II | BSM-22043 | Accounting | 3 | |
| 2 | II | BSM-22053 | Entrepreneurship Development | 3 | |
| | Semester Total 15 | | | | |

Semester – III

Human Resource Management

The Human Resource Management module teaches students to effectively translate HR concepts into clear and impactful communication. It covers strategies for crafting persuasive job descriptions, performance evaluations, and other critical communication tools used in HR functions.

3 Credits

Personality and Skill Development

2

The Personality and Skill Development module focuses on analyzing and identifying areas for improvement. Students will explore strategies to enhance skills and cultivate a confident and engaging professional presence.

Credits

Macroeconomics

The Macroeconomics module examines how national economies function and interact globally. It analyzes factors influencing economic growth, inflation, and government policies, equipping students to understand and communicate the broader economic picture.

Credits 3

Operations Management

The Operations Management module explores the efficient transformation of resources into goods and services. It covers strategies to optimize production processes, manage supply chains, and communicate clearly about how businesses deliver value.

| Credits | 3 | GPA-Compulsory |
|-------------|-----------|----------------|
| Financial A | ccounting | BSM-21053 |

The Financial Accounting module teaches students to communicate the financial health of an organization. It covers analyzing financial statements and translating complex accounting concepts into clear and concise information for various audiences.

3 Credits

GPA-Compulsory

BSM-21033

GPA-Compulsory

GPA-Compulsory

BSM-21043

BSM-21022

GPA-Compulsory

Semester- IV

The Research Skills module equips students to craft compelling academic arguments. It explores strategies for finding credible sources, evaluating evidence, and presenting

Managerial Psychology

1

Research Writing Skills

research findings effectively in clear and concise prose.

The Managerial Psychology module examines how psychological principles influence employee behavior and organizational dynamics. It covers effective leadership strategies, motivation techniques, and creating positive work environments.

Credits

Credits

Organizational Behavior

2

The Organizational Behavior module explores the human element within organizations. It analyzes how individuals, groups, and structures interact, equipping students to understand effective communication, team dynamics, and the development of a positive organizational culture. This module aims to provide insights into managing behavior in a business environment to enhance productivity and employee satisfaction.

Credits

Marketing Management

3

The Marketing Management module focuses on developing and implementing marketing strategies. It covers the creation of compelling messaging, the analysis of target audiences, and effective communication across various marketing channels. Students will learn how to design marketing campaigns, understand consumer behavior, and use marketing tools to achieve business objectives.

GPA-Compulsory

BSM-21061

GPA-Compulsory

BSM-22023

BSM-22033

GPA-Compulsory

Credits 3

BSM-22012

Cost and Management Accounting

The Cost and Management Accounting module provides an understanding of business

efficiency through financial analysis. It covers techniques for analyzing costs, interpreting financial data, and making informed decisions based on financial information. This module aims to equip students with the skills needed to support business planning and control through effective cost management and financial analysis.

Credits 3

Entrepreneurship Development

The Entrepreneurship Development module equips students with the skills to transform innovative ideas into viable business plans. It explores strategies for crafting compelling business pitches, conducting market analysis, and securing funding to launch new ventures. This module provides the knowledge and tools necessary for entrepreneurial success, from concept development to business implementation.

Credits

Analytical writing skills

1

3

The Analytical Skills module improves students' abilities to analyze and interpret complex information. It covers strategies for evaluating evidence, identifying bias, and constructing clear, logical arguments. This module aims to enhance critical thinking and problem-solving skills, enabling students to make data-driven decisions in a business context.

Credits

BSM-22043

BSM-22053

GPA-Compulsory

BSM-22061

GPA-Compulsory

Programme Structure: BSc (Hons) in Financial Analytics: Year 3-

| Yr | Sem | Module Code | Name of Module | Credits |
|----------------|-------------------------------------|-------------|--------------------------------|---------|
| 3 | Ι | BSM-31013 | Management Information Systems | 3 |
| 3 | Ι | BSM-31023 | Financial Management | 3 |
| 3 | Ι | BSM-31033 | Supply Chain Management | 2 |
| 3 | Ι | BSM-31043 | Research Methodology | 3 |
| 3 | Ι | BSM-31051 | Business Communication | 1 |
| 3 | Ι | BSM-31063 | Auditing and Taxation | 3 |
| | 15 | | | |
| 3 | 3 II BSM-32013 Strategic Management | | | 3 |
| 3 | II | BSM-32023 | Operations Research | 3 |
| 3 | II | BSM-32033 | Project Management | 3 |
| 3 | II | BSM-32043 | Business Ethics and Governance | 3 |
| 3 | II | BSM-32052 | Business Economics | 3 |
| Semester Total | | | | |

Course Units

Semester - V

Management Information Systems

The Management Information Systems (MIS) course focuses on how businesses utilize technology to achieve their objectives. Combining business concepts with computer science knowledge, it explores the strategic application of technology to enhance organizational operations.

Credits 3

Financial Management

The Financial Management course provides tools and techniques for effective money management. Covering budgeting, saving, investing, and financial decision-making, it equips students with the skills to analyze financial statements, manage risk, and plan for future financial goals.

Credits

Supply Chain Management

3

The Supply Chain Management course explains the efficient flow of goods, information, and finances from production to consumer. Students learn to optimize processes such as inventory management, logistics, and procurement to ensure cost-effectiveness and responsiveness to customer needs.

Credits 2

BSM-31013

GPA-Compulsory

BSM-31023

BSM-31032

Research Methodology

The Research Methodology course teaches students the fundamentals of conducting robust research. From formulating clear research questions to gathering and analyzing data, students learn both qualitative and quantitative research methods. This includes designing surveys, interviews, and experiments. as well as writing research proposals and reports.

Credits 3

Auditing and Taxation

Auditing focuses on examining financial records to ensure accuracy and compliance, while taxation covers the regulations surrounding taxes for individuals and businesses. Students learn to assess internal controls, identify risks, calculate tax liabilities, and ensure compliance with tax laws.

Credits 3

Strategic Communication for Business

Strategic Communication for Business involves crafting and delivering messages that align with organizational goals. Students learn to understand their audience, tailor messages effectively, and choose appropriate communication channels to drive business objectives.

Credits

Semester - VI

Strategic Management

1

The Strategic Management course involves analyzing internal strengths and weaknesses, as well as external opportunities and threats, to craft winning strategies for organizations. Students bridge the gap between strategy and action, turning plans into reality.

Credits 3

Operations Research

Operations Research equips students with mathematical models and analytical tools to solve complex business problems. By optimizing decisions regarding resource allocation, scheduling, and production, students learn to approach challenges with a data-driven approach.

3 Credits

BSM-32013

GPA-Compulsory

BSM-32023

GPA-Compulsory

BSM-31051

GPA-Compulsory

GPA-Compulsory

BSM-31063

Project Management

The Project Management course teaches students to effectively plan, execute, and monitor projects to achieve their goals on time and within budget. From resource allocation to risk management, students learn the essential skills to lead successful project teams.

Credits 3

Business Ethics and Governance

3

Business Ethics and Governance explore ethical principles and governance structures within organizations. Students learn to navigate ethical dilemmas and ensure compliance with legal and ethical standards.

Credits

Business Economics

Business Economics examines how economic forces impact business decisions and performance. From pricing strategies to resource allocation, students learn to make informed decisions in a dynamic economic environment.

Credits 3

Skilled Based Research Project

The Skilled-Based Research Project allows students to apply research skills to real-world business problems. By conducting hands-on research and proposing evidence-based solutions, students make a practical impact on the business world.

Credits 6

The students who are only seeking a BSc in Management degree can exit with the completion of above-mentioned set of modules. The 3-year exit point will not be marked as honors degree. Therefore, the completion of industrial training and skill-based project in sixth semester is only applicable for students who are seeking a 3-year degree exit point. The students who are willing to complete the 4 years degree program will have to continue the course and complete below mentioned subjects in order to graduate with a BSc (Hons) in Business Management and Financial Analytics.

GPA-Compulsory

BSM-32043

GPA-Optional

BSM-32066

GPA-Optional

BSM-32033

GPA-Optional **BSM-32053**

Programme Structure: BSc (Hons) in Financial Analytics: Year 4-Course Units

| Yr | Sem | Module Code | Name of Module | Credits |
|----------------|-----|-------------|-------------------------------------|---------|
| 4 | Ι | BFA-41013 | Computer Application for Managers | 2 |
| 4 | Ι | BFA-41023 | Credit and Treasury Management | 2 |
| 4 | Ι | BFA-41033 | Financial Economics | 2 |
| 4 | Ι | BFA-41043 | Financial Modelling and Forecasting | 2 |
| 4 | Ι | BFA-41053 | Investment and Portfolio Management | 2 |
| 4 | Ι | BFA-41062 | Financial Risk Management | 2 |
| Semester Total | | | | |
| 4 | II | BSM-42013 | International Trade and Finance | 3 |
| | | | And | |
| 4 | II | BSM-42023 | Internet of the Things (IOT) | 3 |
| | | | Or | |
| 4 | II | BSM-42036 | Internship | 6 |
| | | | And | |
| 4 | II | BSM-42046 | Internship Report | 6 |
| 4 | II | BSM-42056 | Research Project | 6 |
| Semester Total | | | | 18 |
| Total Credits | | | | 120 |

Semester - VII

Computer Application for Managers

The Computer Applications for Managers module focuses on the utilization of computer applications to address managerial challenges and enhance financial analytics. It equips students with practical skills in leveraging software tools for data analysis, financial modeling, and decision support. Through hands-on exercises and case studies, students learn to optimize business processes and drive informed decision-making within dynamic organizational environments.

Credits

Credit and Treasury Management

Credit and Treasury Management explores the principles and practices of managing credit and treasury functions within organizations. Students learn about credit risk assessment, cash management, liquidity management, and strategies for optimizing capital structure and working capital management.

Credits

2

2

BFA-41012

BFA-41022

GPA-Compulsory

Financial Economics

Financial Economics examines the relationship between financial markets, economic variables, and decision-making processes. Students explore theories and models that explain the behavior of financial markets, interest rates, exchange rates, and the allocation of resources in an economy.

2

2

Credits

Financial Modelling and Forecasting

Financial Modelling and Forecasting equip students with the skills to build mathematical models and analyze financial data for decision-making purposes. Students learn to create predictive models, perform scenario analysis, and forecast future financial performance based on historical data and market trends

Credits

Investment and Portfolio Management

Investment and Portfolio Management focus on the principles and strategies for managing investment portfolios. Students learn to assess risk and return, construct diversified portfolios, and make investment decisions based on market analysis, asset allocation, and portfolio optimization techniques

Credits

Financial Risk Management

Financial Risk Management explores techniques for identifying, measuring, and managing financial risks within organizations. Students learn about market risk, credit risk, liquidity risk, and operational risk, as well as strategies for hedging and mitigating these risks to protect financial assets and optimize returns.

Credits

BFA-41042

GPA-Compulsorv

GPA-Compulsory

GPA-Compulsory

BFA-41062

GPA-Compulsory

BFA-41032

BFA-41052

2

2

Semester - VIII

International Trade and Finance

International Trade and Finance examine the principles and practices of conducting business in the global marketplace. Students learn about international trade theories, exchange rate mechanisms, trade policies, and the impact of globalization on financial markets and economic development.

3

3

6

Credits

Internet of the Things (IOT)

This module exposes the students to the industry to learn from the industry, practice work ethics, adhere to professional conduct, learn about organization cultures & its processes, mater self-evaluation and practice to solve industrial problem using the gained knowledge.

Credits

Internship

BSc (Hons) in Business Management and Financial Analytics degree program, provides students with a valuable opportunity to gain real-world experience in relevant industries. Through structured placements, students apply theoretical knowledge to practical scenarios, honing their analytical and problem-solving skills in finance and business management contexts. This experiential learning component enhances students' readiness for the demands of the professional world upon graduation.

Credits

Internship

BSc (Hons) in Business Management and Financial Analytics degree program, provides students with a valuable opportunity to gain real-world experience in relevant industries. Through structured placements, students apply theoretical knowledge to practical scenarios, honing their analytical and problem-solving skills in finance and business management contexts. This experiential learning component enhances students' readiness for the demands of the professional world upon graduation.

Credits

6

GPA -Optional

BSM-42046

Internship Report

BSM-42036

GPA -Optional

BSM-42036

GPA -Optional

BSM-42013

GPA -Optional

Through detailed analysis and reflection, students showcase their application of theoretical concepts in real-world business environments, particularly in financial analysis and management. This report not only demonstrates students' competency but also highlights their readiness for professional roles in the field upon graduation.

6

Credits

GPA -Compulsory

Research Project

BSM-42056

This module requires students to undertake a comprehensive investigation into a relevant Investment and Portfolio Management focus on the principles and strategies for managing investment portfolios. Students learn to assess risk and return, construct diversified portfolios, and make investment decisions based on market analysis, asset allocation, and port folInvestment and Portfolio Management focus on the principles and strategies for managing investment portfolios. Students learn to assess risk and return, construct diversified portfolios, and make investment decisions based on market analysis, asset allocation, and portfolio optimization techniques optimization techniques topic within the field. Through data analysis and critical evaluation, students aim to contribute novel insights to the realms of business management and financial analytics. This enhances the students' research and analytical skills but also prepares them for addressing complex challenges in the professional journey.

Credits

6

Career Opportunities

BSc (Hons) in Business Management and Financial Analytics opens doors to a diverse range of career opportunities in various sectors. Graduates possess a unique blend of skills in business management, finance, and analytics, making them highly sought after in today's data-driven economy.

In the financial sector, graduates can pursue roles such as financial analyst, investment banker, or risk manager. They analyze market trends, assess investment opportunities, and manage financial portfolios for individuals and organizations. Additionally, they may work in corporate finance, managing budgets, forecasting financial performance, and optimizing resource allocation. In the realm of business management, graduates can explore opportunities in consulting firms, where they advise clients on strategic decision-making, process improvement, and organizational restructuring. They may also work in marketing, sales, or operations management, leveraging data analytics to drive business growth and efficiency.

Overall, a BSc (Hons) in Business Management and Financial Analytics offers graduates a wide array of career paths in finance, business, consulting, and data analytics, providing opportunities for professional growth and impact in diverse industries.

- Management Consultant: Analyze business operations and recommend improvements in areas like strategy, operations, and human resources. You could work independently or for a consulting firm.
- **Business Analyst:** Identify and solve business problems by gathering data, analyzing it, and presenting recommendations.
- **Project Manager:** Plan, organize, and oversee projects, ensuring they meet deadlines, budgets, and quality expectations.
- **Operations Manager:** Oversee the day-to-day operations of a company or department, optimizing processes, managing resources, and ensuring smooth functioning.
- **Human Resources Specialist:** Recruit, hire, train, and manage employees, ensuring compliance with labor laws and fostering a positive work environment.

- Marketing Manager: Develop and implement marketing strategies to promote products or services, increasing brand awareness and sales.
- Sales Manager: Lead and motivate sales teams, set sales targets, and develop strategies to achieve them.
- **Financial Analyst:** Analyze financial data to assess a company's financial health and make investment recommendations.
- Entrepreneur/Startup Founder: Use your management skills to launch your own business.
- **Business Development Manager:** Identify and pursue new business opportunities for a company, expanding its customer base and market share.
- **Management Consultant:** Advising organizations on operational efficiency, strategic planning, and financial management strategies.
- **Risk Analyst:** Assessing and managing financial risks within organizations, such as credit risk and market risk.
- **Financial Manager:** Overseeing financial operations, budgeting, and financial reporting to ensure the organization's financial health.
- **Data Scientist:** Employing advanced analytics techniques to extract actionable insights from large datasets, particularly in finance-related fields.
- **Financial Analyst:** Analyzing financial data, preparing reports, and offering insights to guide investment decisions.

