

Programs in Management Sciences

Dean's Message

Welcome to FAST School of Management (FSM) at FAST-NUCES. As a Dean, it is my pleasure to extend a warm invitation to you to explore the exciting opportunities that await you at FSM. We offer a range of degree programs, including BBA, BS Accounting and Finance, BS Business Analytics, BS Fintech, MBA, MS Business Analytics, as well as a PhD program.

If you're considering joining us for undergraduate studies, get ready for four years filled with discovery, excitement, and meaningful challenges. Our comprehensive curriculum lays a strong foundation in general management principles, supported by specialized theory, cutting-edge technology integration, and hands-on industry experiences. We also emphasize the development of well-rounded communication skills, critical thinking, and effective decision-making abilities.

Upon graduation, FSM opens doors for you to work in national and multinational organizations, both in Pakistan and globally, or nurtures your entrepreneurial ambitions. Additionally, our undergraduate programs pave the way for further academic and professional pursuits in esteemed international institutions.

Our graduate programs, including MBA and MS Business Analytics, blend theoretical insights with practical experiences, catering to the needs of both fresh graduates and seasoned professionals. For those interested in academic research, our PhD program provides a platform for rigorous inquiry, nurturing research skills, and shaping thinkers who maintain a balance between academic scholarship and providing solutions for businesses and society.

Whether you are joining us for undergraduate, masters, or doctoral studies, we strongly believe that excellence cannot be achieved without focus, hard work, self-belief, and the right attitude. Be prepared for an exciting journey. Throughout your time with us, we emphasize both 'taleem' and 'tarbiyat', with a commitment



Dr. Sadia Nadeem

Professor, HOD (MS) and
Dean (Management Sciences)

[PhD Approved Supervisor](#)

PhD (MS), City University, UK (2003)

MBA (HRM), City University, UK (1996)

BSc (EE), UET, Lahore (1993)

to nurturing graduates who demonstrate professionalism infused with ethical values. This is reflected in their ethical and moral business decisions, their demonstration of above-par human values, and their display of social responsibility.

If these values are aligned with who you are, or what you want to become, my faculty and I look forward to you joining us and becoming a part of the FAST family.

BS Admission Test, Eligibility and Selection Criteria

		Business Administration	
Degrees		Bachelor of Business Administration Bachelor of Science (Accounting and Finance) Bachelor of Science (Business Analytics) Bachelor of Science (Financial Technology)	
Admission Test	Applicant must select only one out of the three admission test options	FAST-NUCES SAT (minimum score of 1000 or more) NTS NAT-IE, NAT-ICS, NAT-ICOM, NAT-IGS	
Eligibility	1	SSC (Matric) or an equivalent examination	60% minimum marks
	2	HSSC (FSc) or an equivalent examination	50% minimum marks
	3	Courses studied at HSSC or equivalent level	N.A
Selection Criteria	1	Weightage of Admission Test marks	50%
	2	Weightage of HSSC/equivalent	40% ¹
	3	Weightage of SSC/equivalent	10%

¹Weightage of HSSC marks shall be calculated based on (whichever is applicable) at the time of compilation of merit list

- HSSC part I and II OR
- HSSC part I if HSSC part II not available OR
- IBCC equivalence of A-level OR
- IBCC equivalence of O-level
- Merit cut-off marks to be determined by the University

NOTE: All documents/transcripts will be checked at the time of admission. Any incorrect/false information submitted by the applicant or any attempt to hide information will lead to disqualification of the candidate.



Bachelor of Business Administration

Program Mission

The Bachelor of Business Administration program serves the need of those who are looking for a career in management profession or planning to pursue higher education in Business Administration. Being a program with challenging curricula and contents, it is appropriate for those who have an excellent academic record and high potential for success. The Bachelor of Business Administration degree promises graduates a higher – level employability at the entry level of the management profession by ensuring that they develop the skills and competencies needed to make an immediate impact on their career. The program offers a rich blend of general management education and management skills like communication, decision–making, leadership, teamwork, and analytical methods. It also aims to sensitize graduated about their social and environmental responsibilities.

Career Opportunities

Bachelor of Business Administration is a general business degree. Students can choose from a number of pathways as they enter their professional life, including general management, human resource management, finance, marketing, project management, supply chain management, business analytics, and operations management. The program also develops the skills needed to become a potential entrepreneur and facilitates those with entrepreneurial inclination in planning for and launching their business ventures.

Award of Degree

For the award of Bachelor of Business Administration degree, a student must have

- Passed courses totaling at least 130 credit hours, including all those courses which have been specified as core courses.
- Obtained a CGPA of at least 2.00

Eligibility for FYP-I: 100 CH

Domain	Cr. Hrs
General Education	30
Disciplinary Major	79
Interdisciplinary	12
Field Experience	3
Capstone Project	6
Total	130

Tentative Study Plan- Bachelor of Business Administration

Code	Title	Cr. Hrs	Pre-Req
Semester - I			
SS2019/SS2018	Psychology/Sociology	2	0
AF1001	Fundamental of Accounting	3	0
MT1002	Business Math - I	3	0
MG1001	Fundamental of Management	3	0
SS1016	English - I	2	1
SS1007	Islamic Studies/Ethics	2	0
	Total	15	1
Semester - II			
AF1002	Financial Accounting	3	1
MG2008	Data Analysis for Business I	3	0
MG1002	Marketing Management	3	0
CS1001	IT in Business	2	1
SS1006	English - II	3	1
SS1013	Ideology and Constitution of Pakistan	2	0
	Total	16	3
Semester - III			
SS2002	Microeconomics	3	0
SS2041	Critical Thinking	2	0
AF2003	Management Accounting	3	0
MG2009	Data Analysis for Business II	3	1
MG2001	Organizational Behaviour	3	0
SS2042	Community Service	2	0
	Total	16	1
Semester - IV			
AF2004	Business Finance	3	0
MG2011	Environmental Science and Sustainability for Business	3	0
MT2004	Business Math - II	3	0
SS2006	Macroeconomics	3	0
MG2010	Business Communication	3	0
	Total	15	0
Semester - V			
MG2003	Consumer Behaviour	3	0
AF3001	Financial Management	3	1
MG3006	Operations Management	3	0
MG3004	Human Resource Management	3	0
MG3014	Advanced Business Communication	3	0
	Total	15	1
Semester - VI			
CS3003	Management Information System	3	1
AF3003	Financial Institutions and Markets	3	0
MG3xxx	Digital Media Marketing	3	0
MG3010	Methods in Business Research	3	1
MG/AF/BA/CSxxxx	MG/AF/BA/CS Elective - I	3	0
	Total	15	2
Semester - VII			
MG4052	Internship	3	0
MG3002	Business Law	3	0
MG4091	Final Year Project - I	0	3
MG/AF/BA/CSxxxx	MG/AF/BA /CS Elective - II	3	0
MG/AF/BA/CSxxxx	MG/AF/BA /CS Elective - III	3	0
	Total	12	3
Semester - VIII			
MG4003	Strategic Management	3	0
MG4011	Entrepreneurship	3	0
MG4092	Final Year Project - II	0	3
MG/AF/BA/CSxxxx	MG/AF/BA/CS Elective - IV	3	0
MG/AF/BA/CSxxxx	MG/AF/BA/CS Elective - V	3	0
	Total	12	3

Bachelor of Science (Accounting and Finance)

Program Mission

Accounting and Finance are among the most significant and critical areas in a free enterprise. Good financial management is, therefore, very critical to the economic health of business organizations. However, the frequent fluctuations in economic conditions, intense competition for financial resources, and questionable business practices have made financial management a complex and challenging undertaking. The Bachelor of Science in Accounting and Finance program is designed to prepare students to meet the challenges posed by this complex but exciting area that has assumed much greater importance in the wake of the recent global financial crisis. This crisis has taught us that prudent financial management is a critical success factor for any organization. Our Bachelor of Science Accounting and Finance program is tailored to first impart a board-based education in the fundamentals of business and management and then develop the quantitative and analytical skills necessary to become prudent, astute, and ethical financial managers.

Career Opportunities

There are a number of pathways to choose from including audit, taxation budget analysis, financial accounting, and management accounting. The program also equips students for roles in financial analytics, corporate finance, professional accounting, and investment banking. In addition, graduates may pursue positions in financial institutions and financial consultancy firms, where their expertise in accounting and finance are highly valued.

Award of Degree

For the award of Bachelor of Science (Accounting and Finance) degree, a student must have

- Passed courses totaling at least 134 credit hours, including all those courses which have been specified as core courses.
- Obtained a CGPA of at least 2.00

Eligibility for FYP-I: 101 CH

Domain	Cr. Hrs
General Education	30
Disciplinary Major	83
Interdisciplinary	12
Field Experience	3
Capstone Project	6
Total	134

Tentative Study Plan-Bachelor of Science (Accounting and Finance)

Code	Title	Cr. Hrs	Pre-Req
Semester - I			
CS1001	IT in Business	2	1
AF1001	Fundamental of Accounting	3	0
MT1002	Business Math - I	3	0
MG1002	Marketing Management	3	0
SS1016	English - I	2	1
SS1013	Ideology and Constitution of Pakistan	2	0
Total		15	2
Semester - II			
AF1002	Financial Accounting	3	1
MG2008	Data Analysis for Business - I	3	0
MG1001	Fundamental of Management	3	0
SS2019/SS2018	Psychology/Sociology	2	0
SS1006	English - II	3	1
SS1007	Islamic Studies/Ethics	2	0
Total		16	2
Semester - III			
SS2002	Microeconomics	3	0
SS2041	Critical Thinking	2	0
AF2001	Corporate Accounting - I	3	0
MG2009	Data Analysis for Business - II	3	1
MG2010	Business Communication	3	0
MG2011	Environmental Science and Sustainability for Business	3	0
Total		17	1
Semester - IV			
AF2004	Business Finance	3	0
SS2042	Community Service	2	0
MT2004	Business Math - II	3	0
SS2006	Macroeconomics	3	0
AF2002	Corporate Accounting - II	3	0
Total		14	0
Semester - V			
MG3002	Business Law	3	0
AF3001	Financial Management	3	1
MG3003	Basic Econometrics	3	1
AF2005	Cost and Management Accounting	3	0
CS3003	Management Information System	3	1
Total		15	3
Semester - VI			
AF3002	Financial Statement Analysis	3	0
AF3003	Financial Institutions and Markets	3	0
AF3004	Accounting for Decision Making	3	0
MG3010	Methods in Business Research	3	1
MGxxxx	MG/AF/BA/CS Elective - I	3	0
Total		15	1
Semester - VII			
AF4006	Investment Analysis and Management	3	0
MG4011	Entrepreneurship	3	0
AF4005	Audit and Assurance	3	0
AF4091	Final Year Project - I	0	3
MGxxxx	MG/AF/BA/CS Elective - II	3	0
MG4052	Internship	3	0
Total		15	3
Semester - VIII			
MG4013	Business Strategy	3	0
AF4008	Taxation	3	0
AF4007	Financial Risk Management	3	0
MGxxxx	MG/AF/BA/CS Elective - III	3	0
AF4092	Final Year Project - II	0	3
Total		12	3

Bachelor of Science (Business Analytics)

Program Mission

The Bachelor of Science (Business Analytics) is a dynamic degree program aimed at developing strong analytical and critical thinking abilities among the students who wish to harness the power of data analysis to facilitate organizational decision-making and solve business problem. The program is a blend of business knowledge, analytical tools, statistical techniques, and computer application for solving real business problems. Thus, the program prepares the next generation of managers with expertise to make data-driven decisions for addressing the pressing challenges faced by organizations in the domains of management, HRM, finance, operation, and marketing among others. The program follows a hands-on approach through which students will use the knowledge of business management, technology, and data analytics to create value for their organization. The program emphasizes the development of effective communications and soft skills, analytical reasoning skills, ethical decision-making, and problem-solving capabilities.

Career Opportunities

In the rapidly growing field of big data and analytics, there is a high demand for skilled professionals who can leverage analytics to translate unstructured data into valuable business insights. The Bachelor of Science in Business Analytics degree provides a diverse range of career opportunities for graduates. The program helps the graduates to leverage their skills in data mining, statistical analysis, and data visualization and prepare for roles such as business analysts, operations analysts, people analysts, financial analysts, and market or consumer analysts.

Award of Degree

For the award of Bachelor of Science (Business Analytics) degree, a student must have

- Passed courses totaling at least 131 credit hours, including all those courses which have been specified as core courses.
- Obtained a CGPA of at least 2.00.

Eligibility for FYP-I: 101 CH

Domain	Cr. Hrs
General Education	30
Disciplinary Major	80
Interdisciplinary	12
Field Experience	3
Capstone Project	6
Total	131

Tentative Study Plan-Bachelor of Science (Business Analytics)

Code	Title	Cr. Hrs	Pre-Req
Semester - I			
CS1001	IT in Business	2	1
AF1001	Fundamental of Accounting	3	0
MT1002	Business Math-I	3	0
MG1001	Fundamental of Management	3	0
SS1016	English - I	2	1
SS1013	Ideology and Constitution of Pakistan	2	0
	Total	15	2
Semester - II			
AF1002	Financial Accounting	3	1 AF1001
MG2008	Data Analysis for Business I	3	0
MG1002	Marketing Management	3	0
SS2019/SS2018	Psychology/Sociology	2	0
SS1006	English - II	3	1 SS1016
SS1007	Islamic Studies/Ethics	2	0
	Total	16	2
Semester - III			
SS2002	Microeconomics	3	0
SS2041	Critical Thinking	2	0
MG2009	Data Analysis for Business II	3	1 MG2008
CS2016	Programming for Business	3	1
MG2011	Environmental Science and Sustainability for Business	3	0
	Total	14	2
Semester - IV			
AF2004	Business Finance	3	0 AF1002,MT1002
SS2042	Community Services	2	0
MT2004	Business Math-II	3	0 MT1002
SS2006	Macroeconomics	3	0
BA2006	Fundamentals of Business Analytics	3	0 MG2009,CS2016
	Total	14	0
Semester - V			
MG2003	Consumer Behavior	3	0 MG1002
AF3001	Financial Management	3	1 AF2004
MG3003	Basic Econometrics	3	1 MG2009
MG3004	Human Resource Management	3	0 MG1001
CS2003	Data Structures and Business Application	3	1 CS2016
	Total	15	3
Semester - VI			
BA3001	Machine Learning for Business Analytics	3	1 CS2003
MG3010	Methods in Business Research	3	1
MG2010	Business Communication	3	0
BA3004	Database Systems for Business	3	1 CS2016
MGxxxx	MG/AF/BA/CS Elective - I	3	0
	Total	15	3
Semester - VII			
BA3002	Business Data and Text Mining	3	0 CS2003
MG4011	Entrepreneurship	3	0
BA4091	Final Year Project - I	0	3
MGxxxx	MG/AF/BA/CS Elective - II	3	0
MG4052	Internship	3	0
	Total	12	3
Semester - VIII			
BA4001	Decision Science for Business	3	0 BA2006
MG3001	Legal and Ethical Issues in Business Analytics	3	0
MG4013	Business Strategy	3	0 MG1001
BA4092	Final Year Project - II	0	3 BA4091
MGxxxx	MG/AF/BA/CS Elective - III	3	0
	Total	12	3

Bachelor of Science (Financial Technology)

Program Mission

The Bachelor of Science (Financial Technology) (Fintech) program is designed to equip students with the knowledge and skills to drive the intersection of finance and technology. The program aims to prepare students to use innovative technologies to transform traditional financial services and create new business models. By providing a blend of knowledge in finance, technology, and entrepreneurship, the program aims to foster critical thinking and problem-solving abilities in students. Further, the numerous courses offered in this degree program equip students with practical knowledge and skills in programming and digital business, specifically tailored for the financial technology sector.

The program is designed in a way to prepare graduates to respond to technological disruptions in the financial services industry with a focus on the Pakistani market. The program also prepares graduates to understand the importance of ethical considerations in the application of financial technology, regulatory environments and societal implications.

Career Opportunities

The Bachelor of Science (Financial Technology) degree opens doors to a variety of exciting career opportunities in the rapidly evolving field of Fintech. Graduates can pursue roles across a spectrum of financial and technological domains. As a Financial Analyst, graduates will utilize technology to analyze financial data, trends, and risks. Graduates may also choose to specialize as a Blockchain Specialist, focusing on managing blockchain technologies for secure and efficient transactions, or as a Digital Payments Specialist, responsible for developing and managing digital payment platforms and solutions. The graduates may also pursue other career paths such as Risk Analyst, where graduates will assess and manage risks associated with financial technologies and transactions. They may also pursue roles as a Financial Consultant, advising clients on the adoption and implementation of financial technologies, or as Entrepreneurs, launching and managing startups focused on financial technology innovations, alternative lending, cryptocurrency management, and trading, blockchain technologies, open banking, insurance, Robo advisement, machine learning and data mining application. The graduates may also work for traditional financial services companies, which are in need of staff with technical skillsets to improve existing business practices and/or develop new process related to technological innovations.

Award of Degree

For the award of Bachelor of Science (Financial Technology) degree, a student must have

- Passed courses totaling at least 134 credit hours, including all those courses which have been specified as core courses.
- Obtained a CGPA of at least 2.00

Eligibility for FYP-I: 104 CH

Domain	Cr. Hrs
General Education	30
Disciplinary Major	83
Interdisciplinary	12
Field Experience	3
Capstone Project	6
Total	134

Tentative Study Plan-Bachelor of Science (Financial Technology)

Code	Title	Cr. Hrs	Pre-Req
Semester - I			
CS1001	IT in Business	2	1
AF1001	Fundamental of Accounting	3	0
MT1002	Business Math-I	3	0
MG1002	Marketing Management	3	0
SS1016	English - I	2	1
SS1007	Islamic Studies/Ethics	2	0
	Total	15	2
Semester - II			
AF1002	Financial Accounting	3	1 AF1001
MG1001	Fundamental of Management	3	0
CS2016	Programming for Business	3	1
MG2008	Data Analysis for Business - I	3	0
SS1006	English - II	3	1 SS1016
	Total	15	3
Semester - III			
SS2019/SS2018	Psychology/Sociology	2	0
AF2004	Business Finance	3	0 AF1002,MT1002
CS2012	Introduction to Object Oriented Programming	3	1 CS2016
MT2004	Business Math-II	3	0 MT-1002
SS2002	Microeconomics	3	0
SS2042	Community Services	2	0
	Total	16	1
Semester - IV			
MG2009	Data Analysis for Business - II	3	1 MG2008
MG2011	Environmental Science and Sustainability for Business	3	0
SS2041	Critical Thinking	2	0
CS2013	Introduction to Database Systems	3	1 CS2012
AF3001	Financial Management	3	1 AF2004
SS1013	Ideology and Constitution of Pakistan	2	0
	Total	16	3
Semester - V			
SS2006	Macroeconomics	3	0
MG3003	Basic Econometrics	3	1 MG2009
MG3012	Blockchain Technology for Business	3	0
CS3XXX	Enterprise Systems and Applications	3	0 CS1001
MG4011	Entrepreneurship	3	0 MG1002
	Total	15	1
Semester - VI			
CS3010	Web Programming	3	1 CS2016
AF3008	Business Research and Data Mining	3	1
MG3002	Business Law	3	0
AF3003	Financial Institutions and Markets	3	0 SS2006
MG2010	Business Communication	3	0
	Total	15	2
Semester - VII			
AF4011	Investment and Portfolio Analytics	3	0 AF3001
MGxxxx	MG/AF/BA/CS Elective - I	3	0
MGxxxx	MG/AF/BA/CS Elective - II	3	0
MG4052	Internship	3	0
MG4091	Final Year Project - I	0	3
	Total	12	3
Semester - VIII			
AF4012	Financial Risk Analytics and Derivatives	3	0 AF3001
AF4013	Artificial Intelligence in Business Decision	3	0
MGxxxx	MG/AF/BA/CS Elective - III	3	0
MGxxxx	MG/AF/BA/CS Elective - IV	3	0
MG4092	Final Year Project - II	0	3 MG4091
	Total	12	3

MS Admission Test, Eligibility and Selection Criteria

		Business Administration
Degrees		Master of Business Administration Master of Business Analytics
Admission Test	Applicant must select only one out of the three admission test options	FAST-NUCES GRE General NTS GAT-A General
Eligibility	1 Degree earned from a recognized University after 16 years of education	Minimum 60% marks or CGPA of at least 2.00 on a scale of 4.00
Selection Criteria	1 Weightage of Admission Test marks	50%
	2 Weightage of past academic record (Bachelor)	50%

NOTE: All documents/transcripts will be checked at the time of admission. Any incorrect/false information submitted by the applicant or any attempt to hide information will lead to disqualification of the candidate.



Master of Business Administration

Program Mission

The Master of Business Administration program is designed for those who have completed 16 years of education. It delivers an in-depth understanding of the dynamics of management practices and a deeper appreciation of the implications of a rapidly globalizing work environment on business. It is designed with the flexibility to cater for the needs of those who have their undergraduate degree in business-related subjects as well as for those who are coming from other disciplines and are making a conversion to the business and management discipline by doing a Master of Business Administration. There are three distinguishing features of the Master of Business Administration program. First, in line with the vision and mission of the business school, the Master of

Business Administration program is designed to keep a balance between local, regional, and global knowledge through integration of local and international teaching material and experiential learning in the local industry. Second, in line with the culture and the traditions of FAST, our Master of Business Administration program focuses on technology integration in its courses. Third, the enhanced Master of Business Administration program is designed to integrate cases in many of its level-five courses, thus creating a balance between theoretical knowledge and its applications on the one hand, and enhancing the technical as well as the analytical skills of the students on the other hand.

Career Opportunities

The Master of Business Administration

program prepares students for management positions in general management, marketing, human resource management, finance, data analytics, textile management, and supply chain management depending on the specialization offered at various campuses and subjects selected by the students.

Award of Degree

For the award of Master of Business Administration degree, a student must have

- Passed courses totaling at least 60 credit hours, (through exemptions and/or by studying a course), including all those courses which have been specified as core courses.
- Obtained a CGPA of at least 2.50.

Tentative Study Plan-Master of Business Administration

Semester-I				Semester-II					
Code	Title	Cr.Hrs		Prereq	Code	Title	Cr.Hrs		Prereq
AF4001	Accounting for Managers*	3	0		AF4009	Finance for Managers*	3	0	
MG4004	Applied Statistics for Business*	3	0		MG4XXX	Quantitative Methods*	3	0	
MG4005	Business Economics for Managers*	3	0		MG4007	Managing Human Resources*	3	0	
MG4006	Management and Organizational Behaviour*	3	0		MG4009	Managerial Economics*	3	0	
MG4010	Marketing*	3	0		MG5011	Advanced Research Methods	3	0	
		Total	15	0			Total	15	0
Semester-III				Semester - IV					
AF5003	Financial Reporting and Analysis	3	0		AF5001	Applied Corporate Finance	3	0	
MG5015	Strategic HR and Leadership	3	0		MG4002	Communication for Managers*	3	0	
MG5026	Strategic Marketing	3	0		MG5024	Cases in Management	3	0	
	Elective-I	3	0			Elective-III	3	0	
MG	Elective-II / Dissertation-I	3	0	Note 1 Note 2	MG	MBA Project/ Dissertation-II	0	3	
		Total	30	0			Total	27	3
		Total	15	0			Total	12	3
Total 60 CH									

Note 1: 30 credits (including exemptions and the course of ARM) and CGPA of 2.50 or more.

Note 2: Dissertation of 6 credit hours will be done by an individual student.

Note 3: Courses with * may be exempted for graduates with business degrees. To qualify for the block exemption, a candidate must have studied at least: three courses each in management, quantitative stream, English/business communication; two courses each in accounting, finance, and marketing; one course each in economics, human resource management, and information technology. The MBA admission committee may allow upto two exemptions from the above requirements on a case by case basis.

Master of Science (Business Analytics)

Program Mission

The Master of Science (Business Analytics) program aims to develop problem solving skills among the students through an in-depth understanding of business analytics. This program develops unique skills in the students to analyze, synthesize, and visually data related to numerous fields of management sciences i.e., marketing, management, HR, operations, and finance. The graduates of this program will be equipped with in-demand skills and knowledge required for success in their professional careers. The program is a designed flexibly in a way that students with no background in business studies or programming can take admission in this program. However, depending on the undergraduate degree, the student will be required to study introductory courses. The key learning outcomes of the Master of Science (Business Analytics) program are to

enable our graduates:

- To execute effective data management and data analysis for informed decision making in business settings.
- To demonstrate enhanced understanding of statistical and non-statistical techniques, and have expertise in using various software packages.
- To have knowledge of the ethical and legal issues in data gathering and analysis, and make ethically and culturally informed decisions in structured, unstructured, or ambiguous situations.
- To communicate technical information to both technical and non-technical audiences in speech, in writing, and graphically.
- To critically analyze, synthesize, and solve complex unstructured

business problems and suggest ways for business improvement, innovation, and entrepreneurial action.

Career Opportunities

A Master of Science (Business Analytics) program can significantly expand the graduates' career opportunities and increase their earning potential. The graduates can find a number of pathways to choose from such as business analytics consultants, operations analysts, people analysts, financial analysts, and market or consumer analysts.

Award of Degree

For the award of Master of Science (Business Analytics) degree, a student must have

- Passed courses totaling at least 43 credit hours.
- Obtained a CGPA of at least 2.50.

Tentative Study Plan-Master of Science (Business Analytics)

Business Background			Non-Business Background		
Semester 1			Semester 1		
Code	Course	Cr	Code	Course	Cr
CS 4089	Programming for Business Applications	3+0	AF 4010	Accounting and Finance for Managers	3+0
BA 5005	Applied Calculus for Business	3+0	MG4010	Marketing	3+0
CS5059	Database Systems	3+0	MG 4006	Management and Organizational Behavior	3+0
BA5XXX	Advanced Data Analysis	3+0	BA5XXX	Advanced Data Analysis	3+0
	Total	12+0		Total	12+0
Semester 2			Semester 2		
MG 5011	Advanced Research Methods	3+0	MG 5011	Advanced Research Methods	3+0
MG 5047	Decision Science for Business	3+0	MG 5047	Decision Science for Business	3+0
BA5004	Machine Learning Models for Business Analytics	3+1	BA5004	Machine Learning Models for Business Analytics	3+1
BL5004	Machine Learning Models for Business Analytics Lab		BL5004	Machine Learning Models for Business Analytics Lab.	
	Total	9+1		Total	9+1
Semester 3			Semester 3		
MG 5055	Ethics in Business Analytics	3+0	MG 5055	Ethics in Business Analytics	3+0
MG 5050	Econometrics	3+0	MG 5050	Econometrics	3+0
BA 5xxx	MG/AF/BA/CS Elective- I	3+0	BA 5xxx	MG/AF/BA/CS Elective- I	3+0
5xxx or BA 5094	MG/AF/BA/CS Elective -II Or MS Dissertation-I	3+0	5xxx or BA 5094	MG/AF/BA/CS Elective -II Or MS Dissertation-I	3+0
	Total	12+0		Total	12+0
Semester 4			Semester 4		
BA 5002	Data Driven Decision Making and Optimization	3+0	BA 5002	Data Driven Decision Making and Optimization	3+0
BA 5xxx	Elective - III	3+0	BA 5XXX	Elective - III	3+0
BA 5090/BA5095	MS Project or MS Dissertation-II	3+0	BA 5090/BA5095	MS Project or MS Dissertation-II	3+0
	Total	9+0		Total =	9+0
	G. Total	43		G. Total	43

Registration in 'MS Dissertation-I' shall be allowed provided the student has

- Earned at least 18 CH
- Passed the 'Research Methodology course' AND
- CGPA is equal to or more than 2.50