

ADMISSION REQUIREMENT

To be admitted into the programme, the applicant must have a good first degree, preferably Second Class Lower or better (or a Final Grade Point Average of at least 2.0) in a relevant field of study at the University of Ghana or any recognised/accredited University, and at least (2) years of relevant work experience.

Applicants with Third Class may be considered for admission based on having a relevant work experience of at least (3) years post first-degree qualification, and their performance in a formal interview.

DURATION OF THE PROGRAMME STUDY

This is a two-year, four (4) semester programme. There shall however be two (2) streams for the programme: Regular and Weekend Streams. Lectures for the weekend stream will be held on Friday evenings and Saturdays. The Weekend stream is to enable working students combine the programme and work.

The Coordinator, MBA Business Intelligence and Analytics (Regular/Weekend), Department of Operations and Management Information Systems, P.O. Box 78, University of Ghana Business School, Legon.

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MBA

WEEKEND & REGULAR

BUSINESS INTELLIGENCE & ANALYTICS



INTRODUCTION

The MBA Business Intelligence and Analytics is aimed at training students and professionals to attain practical skills in descriptive, predictive, and prescriptive analytics of big data to provide businesses and organisations with timely data-driven solutions to achieve higher productivity and efficiency in their operations. Students will be well versed in several machine learning techniques for data analysis, prediction, and decision-making that will enhance their employability skills.

TARGET MARKET AND EMPLOYABILITY

The MBA Business Intelligence and Analytics programme is a four (4) semester programme and is targeted at people working in the following fields and industries in the public and private sectors:

- Financial Services sector
- Healthcare industry
- Retail industry
- Energy sector
- Consultancy
- Education sector
- Non-Governmental organisations
- Manufacturing industry
- Agricultural industry
- Transportation and Logistics industry



YEAR ONE

Semester 1: Core Courses		
Course Code	Course Title	Credit
MBIA 601	Database Systems	3
MBIA 603	Programming for Business Analytics I	3
MBIA 605	Statistics for Business Analytics	3
Sub-total for Coursework		12-15
Semester 1: Electives (Students will be required to take 3 – 6 credits of electives per semester)		
UGBS 601	Managerial Accounting	3
UGBS 603	Economics	3
UGBS 605	Management Science	3
UGBS 607	Organisational Behaviour and Management	3
Sub-total for Coursework		12-15
Semester 2: Core Courses		
MBIA 602	Business Intelligence	3
MBIA 604	Programming for Business Analytics II	3
UGBS 602	Research Methods	3
Semester 2: Electives (Students will be required to take 3 – 6 credits of electives per semester)		
UGBS 612	Financial Management	3
UGBS 614	Marketing Management	3
UGBS 616	Human Resource Management	3
UGBS 618	Production and Operations Management	3
Sub-total for Coursework		12-15

YEAR TWO

Semester 1: Core Courses		
MBIA 607	Data Management and Analysis with Spreadsheets	3
MBIA 609	Supervised Machine Learning	3
MBIA 611	Data Governance, Policy and Regulations	3
Semester 1: Electives (Students will be required to take 3 – 6 credits of electives per semester)		
MBIA 613	Text Analytics	3
MBIA 615	Business Forecasting	3
UGBS 609	Management Information Systems	3
Sub-total for Coursework		12-15
OMIS 630	Seminar in Business Intelligence and Analytics (Seminar I)	3
Sub-total with seminar and coursework		15-18
Semester 2: Core Courses		
MBIA 606	Unsupervised Machine Learning	3
MBIA 608	Business Intelligence and Analytics in Practice	3
MBIA 610	Advanced Topics in Machine Learning with Applications	3
Semester 2: Electives (Students will be required to take 3 – 6 credits of electives per semester)		
MBIA 612	Deployment of Analytics Systems (Required)	3
MBIA 614	Social Media Analytics	3
MBIA 616	Information Systems Security	3
Sub-total for Coursework		12-15
OMIS 600	Long Essay	6
OMIS 640	Seminar II	3
Sub-total with Long Essay, Seminar II and coursework		21-24
Subtotal for all Semesters Coursework		48-60
Overall Total for Graduation		60-72

REQUIREMENT FOR GRADUATION

To graduate, students must pass all required courses. In all cases, the University of Ghana Regulations contained in the Handbook for Graduate Studies shall apply. Students must obtain a total of 60 – 72 credits.

Summary of Course credit Requirements for Graduation

Summary	Credits
Coursework	48 - 60 credits
Seminar I	3 credits
Seminar II	3 credits
Long Essay	6 credits
Total number of credits to graduate	60 - 72 credits