Dual Degree Master in Management + Master in Business Analytics & Big Data

1st year

**Master in Management**

**TERM I: FUNDAMENTALS**

- Feb - Apr: Courses
  - Marketing
  - Financial Accounting
  - Quantitative Methods
  - Or Organizational Behavior
  - Technology & Innovation Management
  - Economic Environment I
  - Financial Markets
  - Leadership 1 (Communication + Career Management)

- May - Jul: Courses
  - Management Accounting
  - Entrepreneurship
  - Competitive Strategy
  - Operations & Supply Chain Management
  - Business Ethics
  - Creative Management Thinking
  - Economic Environment II
  - Career Strategy I (Registration + Career Management)

**TERM II: CORE MANAGEMENT**

- Jul - Sep: Courses
  - i2i Consulting Lab
  - Easter Break

- Sep - Dec: Courses
  - Summer Break

**Language Classes (English / Spanish)**

2nd year

**Master in Business Analytics & Big Data**

**1st year**

**2nd year**

- Jan-Mar: Courses
  - Analyzing Social Networks
  - Business Intelligence & Data Warehousing
  - Database Modeling & Analytics
  - Giving Winning Presentations
  - Introduction to Big Data & Analytics

- Apr-Jul: Courses
  - The Digital Revolution
  - Marketing Intelligence
  - Introduction to Mathematics and Statistics for Data Analytics
  - Getting Started with Statistical Programming in Python

**Big Data Tools: Exposure Workshops:**

- PROJECT I - THE BUSINESS CHALLENGE
  - The Innovation Jam Challenge

- PROJECT II - THE DATA CHALLENGE
  - The Datathon Challenge

- PROJECT III - THE STARTUP CHALLENGE
  - The Big Data Startup Challenge

**Courses**

- Analyzing Social Networks
- Business Intelligence & Data Warehousing
- Database Modeling & Analytics
- Giving Winning Presentations
- Introduction to Big Data & Analytics
- The Digital Revolution
- Marketing Intelligence
- Introduction to Mathematics and Statistics for Data Analytics
- Getting Started with Statistical Programming in Python
- Getting Started with Statistical Programming in R
- The Knowledge Discovery Process
- Working Effectively in Teams
- Financial Analytics

**PROJECTS**

- Period 1
  - PROJECT I - THE BUSINESS CHALLENGE: The Innovation Jam Challenge
- Period 2
  - PROJECT II - THE DATA CHALLENGE: The Datathon Challenge
- Period 3
  - PROJECT III - THE STARTUP CHALLENGE: The Big Data Startup Challenge

**EXPOSURE WORKSHOPS:**

- Big Data Tools: Exposure Workshops include big data tools like Hadoop, HDFS, HBase, MapReduce, Hive, HCatalog, HBase, Zookeeper, Oozie, Pig, Sqoop, and many other related big data tools like Mahout, NLTK and Storm. It also provides the training in SQL, Python and R needed to perform big data analytics. Individuals with backgrounds in business, economics, mathematics and statistics, engineering and applied sciences, and technology are encouraged to apply. No prior training in statistics or programming is required.

**2nd year**

- Period 1: Courses
  - Analyzing Social Networks
  - Business Intelligence & Data Warehousing
  - Database Modeling for Analytics
  - Giving Winning Presentations
  - Introduction to Big Data and Analytics

- Period 2: Courses
  - The Digital Revolution
  - Marketing Intelligence
  - Introduction to Mathematics and Statistics for Data Analytics
  - Getting Started with Statistical Programming in Python

- Period 3: Courses
  - Analyzing Social Networks
  - Business Intelligence & Data Warehousing
  - Database Modeling for Analytics
  - Giving Winning Presentations
  - Introduction to Big Data and Analytics

**2nd year Period 1**

- Jul - Sep: Courses
  - Analyzing Social Networks
  - Business Intelligence & Data Warehousing
  - Database Modeling for Analytics
  - Giving Winning Presentations
  - Introduction to Big Data and Analytics

- Sep - Dec: Courses
  - The Digital Revolution
  - Marketing Intelligence
  - Introduction to Mathematics and Statistics for Data Analytics
  - Getting Started with Statistical Programming in Python

**Big Data Tools:**

- The program covers all of the Hadoop architecture including Hadoop HDFS, Hadoop MapReduce, Hive, HCatalog, HBase, Zookeeper, Oozie, Pig, Sqoop, and many other related big data tools like Mahout, NLTK and Storm. It also provides the training in SQL, Python and R needed to perform big data analytics. Individuals with backgrounds in business, economics, mathematics and statistics, engineering and applied sciences, and technology are encouraged to apply. No prior training in statistics or programming is required.

**Exposure Workshops:**

In addition to courses and Hands-on Challenges, you will participate in a series of workshops designed to expose you to the latest trends and emerging ideas, tools, technologies and business issues. Some examples of the type of topics covered include: Big Data, Hadoop, MapReduce, Hive, HCatalog, HBase, Zookeeper, Oozie, Pig, Sqoop, and many other related big data tools like Mahout, NLTK and Storm. It also provides the training in SQL, Python and R needed to perform big data analytics. Individuals with backgrounds in business, economics, mathematics and statistics, engineering and applied sciences, and technology are encouraged to apply. No prior training in statistics or programming is required.

* Students will be exempt from the Master in Management specialization period which will be substituted by the Master in Business Analytics and Big Data. They will receive both degrees in only 17 months upon completing the two programs. Please note that some program content may be subject to change.