

1. Course number and name
TI3022 Business Intelligence
2. Credits and contact hours
2-2-8
3. Instructor's or course coordinator's name
María Elena Dieck Assad
4. Text book, title, author, and year
* Mallach, Efrem, 1942-, Decision support and data warehouse systems / Efrem G. Mallach., , Boston : Irwin/McGraw-Hill, c2000., New York, c2000., eng, [0072899816 (papel no ácido)]
* , Business intelligence : a managerial approach / Efraim Turban ... [et al.], , Upper Saddle River, N.J. : Pearson Prentice Hall, c2008., , , , [9780132347617013234761X]
5. Specific course information
 - a. brief description of the content of the course (catalog description)
The student will learn about internal and external information sources and will apply databases management to analyze data in order to design organizational metrics that generate value within the company.
 - b. prerequisites or co-requisites.
TI2009 or TI2010
 - c. indicate whether a required, elective, or selected elective (as per Table 5-1) course in the program.
Required
6. Specific goals for the course
 - a. specific outcomes of instruction, ex. The student will be able to explain the significance of current research about a particular topic.
The student will develop the critical ability to create value in organizations from the strategies and practices of business intelligence
 - b. explicitly indicate which of the student outcomes listed in Criterion 3 or any other outcomes are addressed by the course.
On this course the following student outcome is evaluated:
 1. The student will be able to identify, evaluate, promote and implement business solutions based on information technology and information analysis considering different aspects such as customer's satisfaction, cost, response time and risks. Brief list of topics to be covered.
7. Brief list of topics to be covered
 - Introduction to Business Intelligence
 - Intelligence sources

- Systems for Decision Support
- Modeling and Analysis of Business Decisions
- Business Performance Management