

**BOĞAZIÇI UNIVERSITY**  
**DEPARTMENT OF MANAGEMENT INFORMATION**  
**SYSTEMS**

**Master of Art Program**  
**in Business Information Systems**

**About the Program**

Nowadays, effective management of information systems and success of applications relying on information technologies is one of the most important competitive advantages of organizations. Nevertheless, the main resource for knowledge management to shape the strategies of organizations and to penetrate into main activities of these organizations is the specialist who will develop and manage these systems. The aim of Business Information Systems Master of Arts Program (without thesis) is to enable people with different educational backgrounds, to become specialists in business applications of information systems and to acquire the necessary background of effectively managing information systems that are an essential part in almost every functional area of business. On completion of this program, students will acquire the wisdom of information systems and will gain the integrated view of applying these systems in any sector and in any organization with varying scales.

**Business Information Systems Program** is designed to be completed in three semesters and could be completed in at most 6 semesters. Courses are in three groups, namely foundation courses, required courses and electives. Instead of a master's thesis, the program includes applied courses that encompass individual and group projects. Medium of instruction is English. The quota for application is 40. Admissions are accepted for Fall Semester in June every year. If the capacity is not full, admissions can be accepted for Spring Semester in January. Courses take place between 19:00-21:50 on weekdays and between 10:00-12:50 and 14:00-16:50 on Saturdays in the School of Applied Disciplines Building at the Hisar Campus. Minimum load per semester is 9 credits. Courses are also offered in Summer Term.

**Who can attend?**

- Applicants with a B.A. or B.S. degree from any field, excluding a B.S./B.A. in Management Information Systems,
- Those who are expected to acquire the competence and vision to effectively implement and manage information systems in institutions in every sector,
- Those who want to be trained as experts in the application of information systems in the business world.

**Admission Requirements**

Applicants will be given a written exemption exam which covers the topics of the foundation courses.

Finance and accounting, marketing, management and organization are topics for Managerial Foundations course.

Basic concepts in MIS, introduction to algorithms and programming are topics for Technical Foundations course.

Students should take the administrative coordinator's advice for course materials.

This exam is not for elimination, it is just for sorting. The people who have high scores in the academic exam will be on the tops of the list. Students are unsuccessful in the academic exam have a second chance to take the academic exam if they are accepted and pre-registered.

Students who are failed in the academic exam twice will register for Technical and/or Managerial Foundation courses.

BIS 501	Technical Foundations of BIS	4 (6)
BIS 502	Managerial Foundations of BIS	4 (6)

Candidates should have a GPA at least 2.00/4.00 and ALES score of at least 55 (EA score), 450 from GMAT, or 149 from GRE (Quantitative).

Candidates must prove that they have an adequate command of English by providing their Boğaziçi University. English Proficiency Test (BUEPT) score or an equivalent of TOEFL/IELTS score.

**Curriculum**

**Semester 1** **BUCredits (ECTS)**

BIS 511	Information Sys. And Tech.	3 (6)
BIS 513	Business Strategies	3 (6)
BIS 515	Info. Sys. App. Tools and Techniques	3 (6)
BIS 517	Analytical Decision Making	3 (6)
BIS 591	Directed Readings in BIS I	1 (6)
<b>Total Semester Credits:</b>		<b>13 (30)</b>

**Semester 2**

BIS 512	Database Management Systems	3 (6)
BIS 514	Information Systems Development	3 (6)
BIS 516	E-Business Management	3 (6)
BIS 5xx	Elective	3 (6)
BIS 592	Directed Readings in BIS II	1 (6)
<b>Total Semester Credits:</b>		<b>13 (30)</b>

**Semester 3**

BIS 5xx	Elective	3 (6)
BIS 5xx	Elective	3 (6)
BIS 579	Seminars in BIS	0 (6)
BIS 593	Directed Readings in BIS III	1 (6)
BIS 594	Project	0 (6)
<b>Total Semester Credits:</b>		<b>7 (30)</b>

**Total Credits: 33=13+13+7**

**Electives**

**BUCredits (ECTS)**

BIS 518	Information Technology Management and Strategy	3 (6)
BIS 541	Data Mining and Knowledge Acquisition	3 (6)
BIS 542	Operating Systems Principles	3 (6)
BIS 543	Financial Information Systems	3 (6)
BIS 544	Supply Chain Management	3 (6)
BIS 545	Advanced Web Application Development	3 (6)
BIS 546	Customer Relationship Management	3 (6)
BIS 547	Evaluation of Info. Tech. Investments	3 (6)
BIS 548	Info. Technology Project Management	3 (6)
BIS 549	Object Oriented Analysis and Design with UML	3 (6)
BIS 550	New Organizational Approaches and Tech.	3 (6)
BIS 551	Statistical Decision Making	3 (6)
BIS 552	Business Data Networks	3 (6)
BIS 553	Information Systems Security	3 (6)
BIS 580-589	Special Topics in BIS	3 (6)
BIS 595	Guided Research in BIS	3 (6)

**Foundation Courses**

**BUCredits (ECTS)**

BIS 501	Technical Foundations of BIS	4 (6)
BIS 502	Managerial Foundations of BIS	4 (6)

**Further Information**

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Boğaziçi University English Proficiency Test (BUEPT) information can be found on YADYOK (Foreign Languages School) website (<http://www.yadyok.boun.edu.tr>).  
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