



OSTİM TECHNICAL
UNIVERSITY
A N K A R A

Management Information Systems

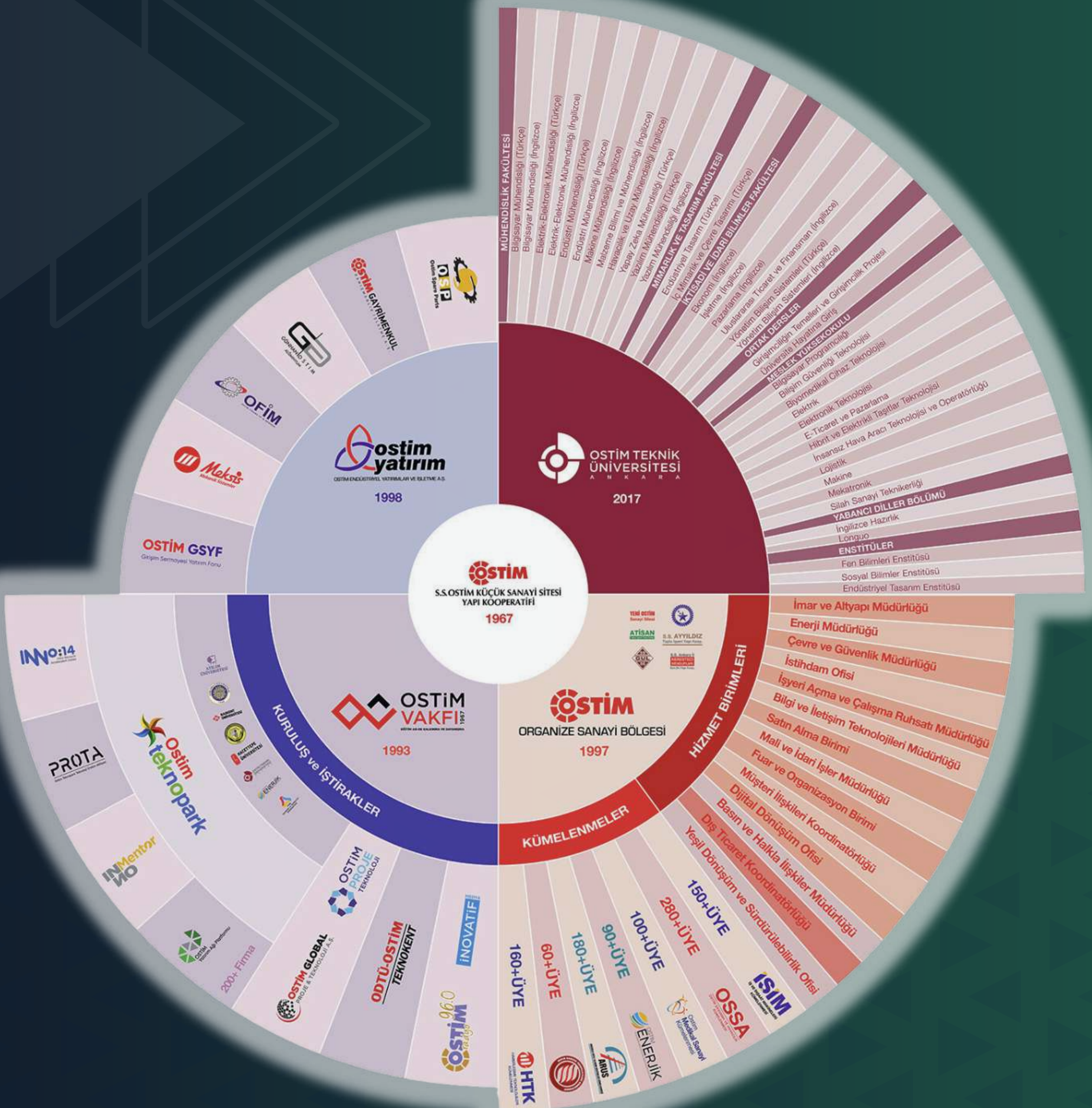
Language: Turkish / English

Education Type: Formal

Duration: 4 Years

Location: Yenimahalle/Ankara



The logo for the OSTİM ECOSYSTEM. It features the text "OSTİM ECOSYSTEM" in a bold, white, sans-serif font. The text is centered within a dark teal rounded rectangle, which is itself surrounded by a thick, light teal border.

Since 1967, OSTiM has been in existence, hosting 17 main sectors, 139 business sectors, more than 6,500 enterprises and more than 65,000 employees, and crowns its experience with the university.

About Management Information Systems

Management Information Systems (MIS) is a discipline that combines management and information systems. It integrates people, technology and information systems to meet the needs of industry and the market. MIS covers a range of areas including system design, supply management, administrative activities and technical informatics such as network and database management.

Graduates of OSTİM Technical University MIS Department have knowledge and skills in the field of management and informatics and can respond to the needs of different sectors. The department helps students to improve their management knowledge by offering applied courses such as workplace practices and entrepreneurship projects. OSTİM MIS department has a focussed strategy to meet the different requirements of various sectors.



Management Information Systems Academic Staff



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Gtech
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İrfan KESKİN
National Technology General Directorate
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Career Paths

Our curriculum has been meticulously designed to align with the specific requirements of industry. This design is based on a scientific project carried out by our department's researchers who comprehensively reviewed the content of other MIS programmes and compared them with current industrial needs. In this process, three different competency pathways were identified within the MIS programme.



Core Computer Competence

Core computer competencies for Management Information Systems students include Software Development, Database Management, Network Expertise, System and Network Management. These competences enable MIS students to play an active role in solving technological problems and making strategic decisions in the business world.



Technical System Competence

The technical systems competency for Management Information Systems (MIS) students covers roles such as ERP Specialist, Systems Analyst/Administrator, Cyber Security Specialist, CRM Specialist, Technical Project Manager, Technical Project Specialist, Software Tester and Business Intelligence Analyst. These competencies enable students to gain knowledge in a variety of technical specialisations and open up a wide range of opportunities in their careers.



Managerial / Social Competence

Managerial and social competences for Management Information Systems (MIS) students cover roles such as Professional Project Manager (PMP), Project Specialist, Process Manager, Information Security Specialist/Manager, Business Development and Project Manager, Product Manager and Business Analyst. These competences enable students to gain skills in areas such as leadership, strategic planning, process management, business development and security management and to be successful in their careers.



Table of Job Opportunities and Career Paths for MIS Students

Career Paths	Possible Job Opportunities	Certificates Required by the Sector
Core Computer Competence	• Software Specialist • Database Specialist • Network Expert • System and Network Administrator	• Programming Languages: Java, .NET, C#, Phyton etc.) • CISCO • Oracle • Microsoft Certificates
Technical System Competence	• ERP Specialist • System Analyst / Administrator • Cyber Security Specialist • CRM Specialist • Technical Project Manager • Technical Project Specialist • Software Test Specialist • Business Intelligence Analyst	• PMP • ITIL • CMMI • COBIT • SCRUM • Agile • ISO12207 • SAP • Microsoft Dynamics MS Project • Asana
Managerial / Social Competence	• Professional Project Manager • (PMP) Project Specialist • Process Manager • Information Security Expert/Manager • Business Development and Project Manager • Product Manager • Business Analyst	PMP, CMMI, SCRUM, ISO 9001 ISO 27001 ISO/IEC 12207 SPICE-ISO/IEC 15504 CISA, CRISC, CISM, CGEIT CDPSE



Management Information Systems

First Year

Fall

Spring

Management and
Organization
BUS 201

Economics
ECON 100

Management
Information
Systems
MIS 131

Contemporary
Management
Techniques
MIS 213

Mathematics I
MATH 103

Mathematics II
MATH 104

Fundamentals of
Computer and
Programming
MIS 111

Fundamentals of
Computer and
Programming II
MIS 114

Introduction to
Psychology
PSI 101

Academic English I
ENG 101

Academic English II
ENG 102

Introduction to
University Life
IUL 151

Building the Future
IUL 152

Fundamentals of
Entrepreneurship
EPR 121

Entrepreneurship
Project
EPR 122

Occupational health
and Safety
EHS 101

Workplace
Education
WED 124

Second Year

Fall

Spring

General Accounting
BUS 200

Strategic
Management and
Business Policy
MIS 359

Marketing Principles
PAZ 100

Systems Analysis and
Design
MIS 307

Statistics I
MIS 215

Statistics II
MIS 216

Logistics and Supply
Chain Management
MIS 251

Introduction to
Database Systems
MIS 202

Data Structures and
Algorithms
MIS 231

Information Security
MIS 214

Turkish I
TUR 101

Turkish II
TUR 102

Ataturk's Principles
and History of
Revolution I
ATA 101

Ataturk's Principles
and History of
Revolution II
ATA 102

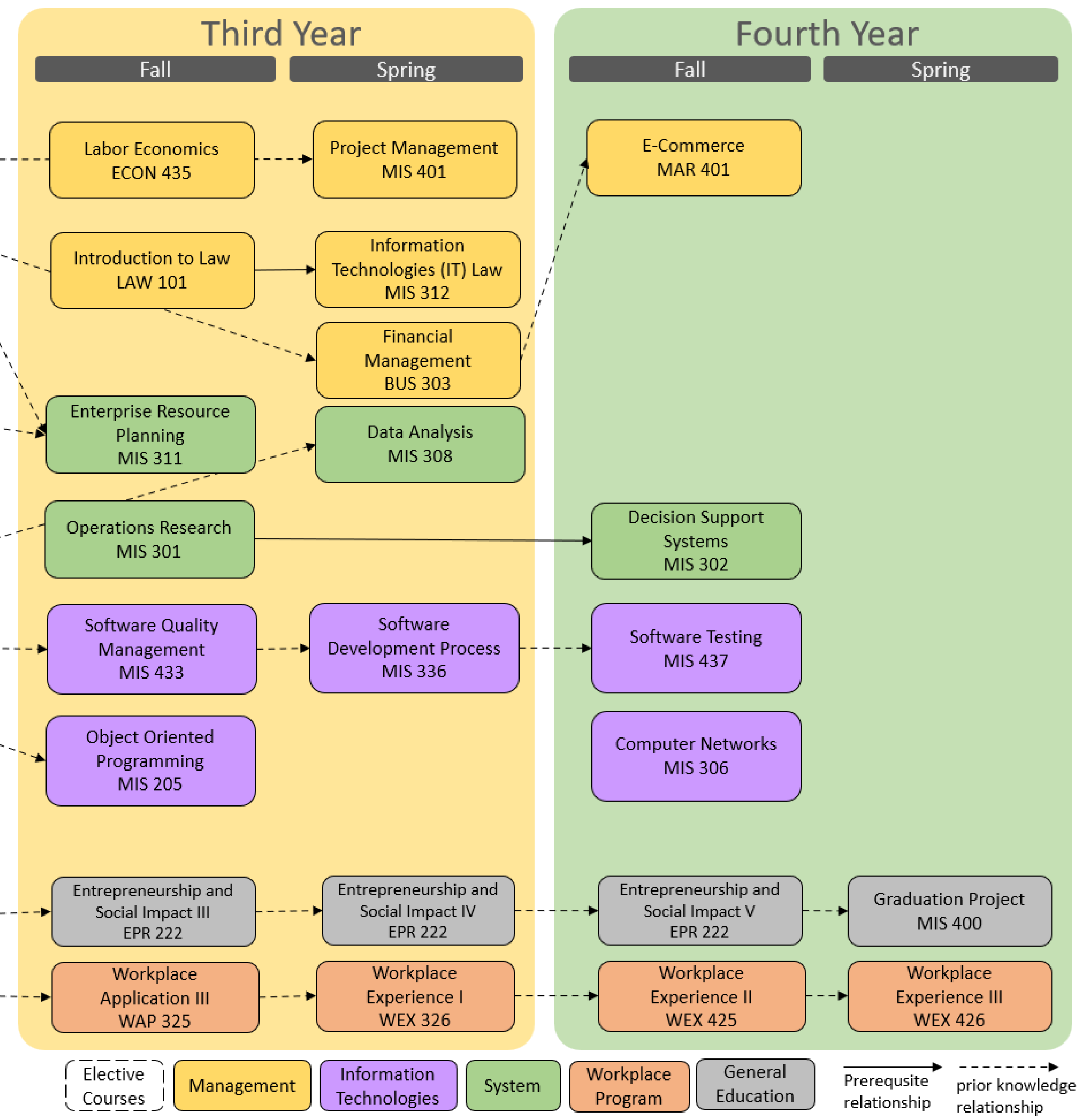
Entrepreneurship and
Social Impact I
EPR 222

Entrepreneurship and
Social Impact II
EPR 222

Workplace
Application I
WAP 225

Workplace
Application II
WAP 226

Flowchart



Students' Opinions



After starting my education at OSTİM Technical University, I realized that I had made the right choice. With its student-centered academic staff, accessible administration, and practice-oriented approach to education, the university stands out by providing valuable learning opportunities. In particular, the internship opportunities offered from the first year enable students to gain significant professional experience before graduation. I am happy and proud to be a part of the OSTİM Technical University family.

Sıla Başak Atila (Graduate)

MIS Department enables students to gain real-world professional experience and transform their theoretical knowledge into practical skills through the internship opportunities it offers. In addition, with its experienced academic staff and rich educational resources, the department provides a high-quality and supportive learning environment that fosters students' professional development.

Maxime Steve Poutche (Graduate)



MIS Department offers students a wide range of career opportunities through its comprehensive curriculum that integrates technology, management, and business. With its student-centered academic approach and workplace training opportunities, the department helps students apply their theoretical knowledge in practical settings, enabling them to gain valuable professional experience before graduation.

Sajjad Fallahi Joybari (Graduate)



OSTİM Technical University offers a practice-oriented education through its strong industry partnerships, workplace experience opportunities, project development activities, and opportunities to present projects to investors. In the MIS Department, close interaction with faculty members and an emphasis on applying theoretical knowledge to real-world business settings provide students with significant advantages..

Arda Gölge (Graduate)



OSTİM Technical University supports students in gaining professional experience through its student-centered academic approach, internship opportunities, and workplace training programs. In addition, its project-based learning environment and entrepreneurial ecosystem provide students with opportunities to develop their ideas and present them to potential investors.

Deniz Doğa Şirinoğlu (4th grade student)

OSTİM Technical University stands out for its strong industrial ecosystem, internship opportunities, and student-centered academic approach. By supporting project-based activities and entrepreneurship initiatives, the university encourages students' professional development and helps them acquire the knowledge and skills needed to establish their own businesses.

Aybüke Lena Karakütük (Graduate)



Öğrenci Görüşleri

MIS Department at OSTİM Technical University enables students to explore diverse career paths through its comprehensive curriculum that integrates technology and management. With early internship opportunities and strong academic advising, students gain experience across different industries before graduation, allowing them to identify their interests and define their career goals more confidently.

Furkan Ay
(4. Sınıf Öğrencisi)



Our department offers students valuable opportunities for personal and professional growth through its strong academic staff, practice-oriented education, and research-focused approach. Through TÜBİTAK-funded projects and internship opportunities, students gain hands-on research experience while reinforcing their theoretical knowledge with real-world industry applications, supporting their overall professional development.

Olgun Gönüllü
(4th grade student)

OSTİM Technical University prepares students for the future through its industry-oriented environment and strong culture of entrepreneurship. The MIS Department offers a dynamic curriculum that integrates business and information technologies, supported by a highly qualified academic staff. In addition, Double Major opportunities encourage interdisciplinary expertise, while extensive internship opportunities enable students to gain valuable hands-on experience in professional settings. By combining theory with practice, this ecosystem helps develop well-rounded professionals.

Gülernaz Onat
(3rd grade student)



MIS Department at OSTİM Technical University helps students transform their theoretical knowledge into practical skills through its curriculum that integrates technology and management, strong industry collaborations, and internship opportunities. With the support of its dedicated academic staff, students gain valuable professional experience while developing a clearer understanding of their career goals.

Abdullah Bozkurt
(4. Sınıf Öğrencisi)



MIS Department prepares students for the professional world through early internship opportunities, industry-oriented projects, and a practice-based approach to education. Its approachable and supportive academic staff, combined with an industry-focused educational model, enables students to apply their theoretical knowledge in real-world settings while developing the professional competencies needed for their future careers.

Gizem Becerikli
(4th grade student)



In our department, the internship opportunities provided by our university allow us to apply the knowledge we gain in courses through real projects and professional experiences. The practice-oriented education approach helps us develop not only our technical skills but also important competencies such as problem-solving and professional discipline. Gaining the opportunity to experience the professional world before graduation enables us to prepare for our careers with a more realistic perspective.

Deniz Tüfenk
(3rd grade student)



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