

Faculty of Economics, Administrative and Social Sciences

Department of Management Information Systems

2023-2024 Ders Planı

| First Term (Fall Term) | | | | | | | |
|---------------------------|--|-------------|--------------|---|---|-----------|-----------|
| Code | Course Title | Course Type | Prerequisite | T | P | C | ECTS |
| MIS101 | Management Information Systems | C | | 3 | 0 | 3 | 6 |
| MIS103 | Algorithm and Computer Programming | C | | 2 | 2 | 3 | 6 |
| MATH127 | Calculus | C | | 3 | 0 | 3 | 6 |
| MIS105 | Principles of Management | C | | 3 | 0 | 3 | 6 |
| ENG103 | Advanced English I | C | | 2 | 0 | 2 | 2 |
| TURK103 | Turkish Language I | C | | 2 | 0 | 2 | 2 |
| UNI103 | University Life and Culture | C | | 1 | 2 | 2 | 2 |
| Total2 | | | | | | 18 | 30 |
| Second Term (Spring Term) | | | | | | | |
| Code | Course Title | Course Type | Prerequisite | T | P | C | ECTS |
| MIS102 | Computer Programming | C | | 2 | 2 | 3 | 6 |
| MIS104 | Web Design | C | | 2 | 2 | 3 | 4 |
| ECON134 | Economics | C | | 2 | 0 | 2 | 4 |
| MIS106 | Digital Transformation and Change Management | C | | 3 | 0 | 3 | 6 |
| HIST104 | Humanities | C | | 3 | 0 | 3 | 6 |
| TURK104 | Turkish Language II | C | | 2 | 0 | 2 | 2 |
| ENG104 | Advanced English II | C | | 2 | 0 | 2 | 2 |
| Total | | | | | | 18 | 30 |
| Third Term (Fall Term) | | | | | | | |
| Code | Course Title | Course Type | Prerequisite | T | P | C | ECTS |
| MIS201 | Network Systems | C | | 3 | 0 | 3 | 5 |
| MIS203 | Strategic Management | C | | 3 | 0 | 3 | 5 |
| MIS205 | Data Structures and Database Applications | C | | 2 | 2 | 3 | 6 |
| MIS207 | Marketing Management | C | | 3 | 0 | 3 | 6 |

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|--------------|--|---|--|---|---|-----------|-----------|
| COMP2005 | Object Oriented Programming | C | | 2 | 2 | 3 | 6 |
| HIST203 | Ataturk's Principles and the History of Turkish Renovation I | C | | 2 | 0 | 2 | 2 |
| Total | | | | | | | |
| | | | | | | 17 | 30 |

| Fourth Term (Spring Term) | | | | | | | |
|----------------------------------|---|-------------|--------------|---|---|-----------|-----------|
| Code | Course Title | Course Type | Prerequisite | T | P | C | ECTS |
| MIS202 | Advanced Database Applications | C | | 2 | 2 | 3 | 6 |
| MIS204 | Operating Systems – Linux | C | | 2 | 2 | 3 | 6 |
| MIS206 | E-commerce | C | | 3 | 0 | 3 | 6 |
| STAT280 | Research methods in social sciences | C | | 3 | 0 | 3 | 4 |
| STAT240 | Statistics | C | | 3 | 0 | 3 | 6 |
| HIST204 | Ataturk's Principles and the History of Turkish Renovation II | C | | 2 | 0 | 2 | 2 |
| | | E | | | | | |
| Total | | | | | | 17 | 30 |

| Fifth Term (Fall Term) | | | | | | | |
|-------------------------------|--------------------|-------------|--------------|---|---|-----------|-----------|
| Code | Course Title | Course Type | Prerequisite | T | P | C | ECTS |
| MIS301 | System Analysis | C | | 3 | 0 | 3 | 6 |
| COMP3021 | Visual Programming | C | | 2 | 2 | 3 | 6 |
| INTF333 | Accounting | C | | 3 | 0 | 3 | 5 |
| | Area Electives | E | | | | 3 | 5 |
| | Area Electives | E | | | | 3 | 5 |
| | Thematic Elective | E | | | | 2 | 3 |
| Total | | | | | | 17 | 30 |

| Sixth Term (Spring Term) | | | | | | | |
|---------------------------------|-----------------------|-------------|--------------|---|---|---|------|
| Code | Course Title | Course Type | Prerequisite | T | P | C | ECTS |
| MIS302 | Web Based Programming | C | | 2 | 2 | 3 | 6 |
| MIS304 | Data Mining | C | | 3 | 0 | 3 | 5 |
| | Area Electives | E | | | | 3 | 5 |
| | Area Electives | E | | | | 3 | 5 |
| | Area Electives | E | | | | 2 | 5 |
| | Thematic Elective | E | | | | 2 | 4 |

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| | | | | | | | |
| Total | | | | | | 16 | 30 |

| Seventh Term (Spring Term) | | | | | | | |
|-----------------------------------|---|--------------------|---------------------|----------|----------|-----------|-------------|
| Code | Course Title | Course Type | Prerequisite | T | P | C | ECTS |
| MIS401 | Entrepreneurship and Innovation | C | | 3 | 0 | 3 | 6 |
| MIS403 | Enterprise Resource Planning and Customer Relationship Management | C | | 3 | 0 | 3 | 6 |
| | Area Electives | E | | | | 3 | 5 |
| | Area Electives | E | | | | 2 | 5 |
| | Thematic Elective | E | | | | 2 | 4 |
| | Thematic Elective | E | | | | 2 | 4 |
| | | | | | | 15 | 30 |

| Eighth Term (Spring Term) | | | | | | | |
|----------------------------------|---------------------|--------------------|---------------------|----------|----------|-----------|-------------|
| Code | Course Title | Course Type | Prerequisite | T | P | C | ECTS |
| MIS402 | Project Management | C | | 3 | 0 | 3 | 4 |
| MIS404 | Graduation Project | C | | 3 | 6 | 6 | 12 |
| | Area Electives | E | | | | 3 | 5 |
| | Thematic Elective | E | | | | 2 | 5 |
| | Thematic Elective | E | | | | 2 | 4 |
| | | | | | | | |
| Total | | | | | | 16 | 30 |
| Grand Total | | | | | | | |

Area Electives

| 3rd Year | | | | | | | |
|----------|--|-------------|--------------|---|---|---|------|
| Code | Course Title | Course Type | Prerequisite | T | P | C | ECTS |
| LAW354 | Information Technologies Law | E | | 3 | 0 | 3 | 6 |
| MIS352 | Human Resources Management | E | | 3 | 0 | 3 | 6 |
| MIS353 | Production and Operations Management | E | | 3 | 0 | 3 | 6 |
| MIS354 | Supply Chain Management | E | | 3 | 0 | 3 | 6 |
| MIS355 | Total Quality Management | E | | 3 | 0 | 3 | 6 |
| INTF3052 | Finance | E | | 3 | 0 | 3 | 6 |
| MIS357 | Customer Behaviour | E | | 3 | 0 | 3 | 6 |
| ECON356 | Behavioral Economics | E | | 3 | 0 | 3 | 5 |
| COMP3039 | Network Security | E | | 3 | 0 | 3 | 6 |
| COMP3032 | Artificial Intelligence | E | | 2 | 2 | 3 | 6 |
| COMP4043 | Java Programming | E | | 3 | 0 | 3 | 6 |
| COMP4055 | Big Data Analytics | E | | 3 | 0 | 3 | 6 |
| COMP4049 | Information Systems Security | E | | 3 | 0 | 3 | 6 |
| COMP4047 | Software Quality Assurance | E | | 3 | 0 | 3 | 6 |
| COMP4052 | Blockchains | E | | 2 | 2 | 3 | 6 |
| COMP4041 | Mobile Application Development | E | | 2 | 2 | 3 | 6 |
| MIS451 | Digital Marketing and SEO | E | | 3 | 0 | 3 | 6 |
| PSYC464 | Organizational Behavior | E | | 3 | 0 | 3 | 6 |
| MIS453 | Business Ethics | E | | 3 | 0 | 3 | 6 |
| MIS454 | Digital Leadership in Organizations | E | | 3 | 0 | 3 | 6 |
| MIS455 | Institutionalization and Corporate Governance | E | | 3 | 0 | 3 | 6 |
| MIS456 | Conflict Management and Negotiation Techniques | E | | 3 | 0 | 3 | 6 |
| MIS457 | Case Studies in MIS | E | | 3 | 0 | 3 | 6 |
| COMP3034 | Image Processing | E | | 2 | 2 | 3 | 6 |
| COMP4035 | Machine Learning | E | | 2 | 2 | 3 | 6 |
| COMP4051 | Web Application Development | E | | 2 | 2 | 3 | 6 |
| COMP4059 | Internet of Things | E | | 3 | 0 | 3 | 6 |

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|----------|-------------------------------|---|--|---|---|---|---|
| COMP4061 | Deep Learning | E | | 2 | 2 | 3 | 6 |
| COMP4057 | Big Data Privacy and Security | E | | 3 | 0 | 3 | 6 |
| COMP4046 | Game Programming | E | | 2 | 2 | 3 | 6 |
| COMP4032 | Natural Language Processing | E | | 2 | 2 | 3 | 6 |
| COMP3033 | Artificial Neural Network | E | | 2 | 2 | 3 | 6 |

| 4th Year | | | | | | | |
|----------|--------------------------------------|-------------|--------------|---|---|---|------|
| Code | Course Title | Course Type | Prerequisite | T | P | C | ECTS |
| LAW354 | Information Technologies Law | E | | 3 | 0 | 3 | 6 |
| MIS352 | Human Resources Management | E | | 3 | 0 | 3 | 6 |
| MIS353 | Production and Operations Management | E | | 3 | 0 | 3 | 6 |
| MIS354 | Supply Chain Management | E | | 3 | 0 | 3 | 6 |
| MIS355 | Total Quality Management | E | | 3 | 0 | 3 | 6 |
| INTF3052 | Finance | E | | 3 | 0 | 3 | 6 |
| MIS357 | Customer Behaviour | E | | 3 | 0 | 3 | 6 |
| ECON356 | Behavioral Economics | E | | 3 | 0 | 3 | 5 |
| COMP3039 | Network Security | E | | 3 | 0 | 3 | 6 |
| COMP3032 | Artificial Intelligence | E | | 2 | 2 | 3 | 6 |
| COMP4043 | Java Programming | E | | 3 | 0 | 3 | 6 |
| COMP4055 | Big Data Analytics | E | | 3 | 0 | 3 | 6 |
| COMP4049 | Information Systems Security | E | | 3 | 0 | 3 | 6 |
| COMP4047 | Software Quality Assurance | E | | 3 | 0 | 3 | 6 |
| COMP4052 | Blockchains | E | | 2 | 2 | 3 | 6 |

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|----------|--|---|--|---|---|---|---|
| COMP4041 | Mobile Application Development | E | | 2 | 2 | 3 | 6 |
| MIS451 | Digital Marketing and SEO | E | | 3 | 0 | 3 | 6 |
| PSYC464 | Organizational Behavior | E | | 3 | 0 | 3 | 6 |
| MIS453 | Business Ethics | E | | 3 | 0 | 3 | 6 |
| MIS454 | Digital Leadership in Organizations | E | | 3 | 0 | 3 | 6 |
| MIS455 | Institutionalization and Corporate Governance | E | | 3 | 0 | 3 | 6 |
| MIS456 | Conflict Management and Negotiation Techniques | E | | 3 | 0 | 3 | 6 |
| MIS457 | Case Studies in MIS | E | | 3 | 0 | 3 | 6 |
| COMP3034 | Image Processing | E | | 2 | 2 | 3 | 6 |
| COMP4035 | Machine Learning | E | | 2 | 2 | 3 | 6 |
| COMP4051 | Web Application Development | E | | 2 | 2 | 3 | 6 |
| COMP4059 | Internet of Things | E | | 3 | 0 | 3 | 6 |
| COMP4061 | Deep Learning | E | | 2 | 2 | 3 | 6 |
| COMP4057 | Big Data Privacy and Security | E | | 3 | 0 | 3 | 6 |
| COMP4046 | Game Programming | E | | 2 | 2 | 3 | 6 |
| COMP4032 | Natural Language Processing | E | | 2 | 2 | 3 | 6 |
| COMP3033 | Artificial Neural Network | E | | 2 | 2 | 3 | 6 |

Thematic Electives

| All Terms | | | | | | | |
|-----------|--|-------------|--------------|---|---|---|------|
| Code | Course Title | Course Type | Prerequisite | T | P | C | ECTS |
| MIS206 | E-commerce | E | | 3 | 0 | 3 | 6 |
| MIS106 | Web Design | E | | 2 | 2 | 3 | 4 |
| MIS101 | Management Information Systems | E | | 3 | 0 | 3 | 6 |
| MIS108 | Digital Transformation and Change Management | E | | 3 | 0 | 3 | 6 |

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|--------|--|---|--|---|---|---|---|
| MIS456 | Conflict Management and Negotiation Techniques | E | | 3 | 0 | 3 | 6 |
| | | E | | | | | |