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| **COURSE INFORMATON**  |
| **Course Title** | *Code* | *Semester* | *L+P Hour* | *Credits* | *ECTS* |
| Research Methodology & Ethics | FEAS 501 |  | 3 + 0 | 3 | 6 |

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| **Prerequisites** | - |

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| **Language of Instruction** | English |
| **Course Level** | Master's Degree  |
| **Course Type** |  |
| **Course Coordinator** | - |
| **Instructors** |   |
| **Assistants** | - |
| **Goals** | The goal of this course is to emphasize the importanvce of scientific research and enable students to make business decisions using scientific research techniques. The aim will be to enhance students' understanding of the potential ethical issues facing managers in modern organizations, the ethical dilemmas which can present themselves and to suggest ways in which these dilemmas might be more effectively dealt with in the practical situation.  |
| **Content** | This course basically covers the bases of scientific research, measurement, research variables, hypothesis formulation, research design, data collection methods and data analysis techniques such as Reliability Anlaysis, Factor Analysis, Corelation, T-Test, ANOVA and regression. |

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| **Learning Outcomes** | **Teaching Methods** | **Assessment Methods** |
| Explains the scientific approaches. | 1,2,3 | A,C |
| Writes scientific research, cites other authors appropriately and shows references. | 1,2,3 | A,C |
| Knows the steps of scientific research process | 1,2,3 | A,C |
| Formulates research hypothesis that fits to the purpose of the study. | 1,2,3 | A,C |
| Collects data from the field using the appropriate data collection method. | 1,2,3 | A,C |
| Tests the data using appropriate statistical analysis. | 1,2,3 | A,C |
| Implements solutions to solve the business problems based on the research results | 1,2,3 | A,C |

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| **Teaching Methods:**  | 1: Lecture, 2: Question-Answer, 3: Research  |
| **Assessment Methods:**  | A: Testing, C: Homework |

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| **COURSE CONTENT** |
| **Week** | **Topics** | **Study Materials** |
| 1 | INTRODUCTION-BASES OF SCIENTIFIC RESEARCH | Scientific Approaches |
| 2 | CHARACTERISTICS OF THE SCIENTIFIC STUDY, BASIC AND APPLIED RESEARCH METHODS |  |
| 3 | REPORTING, CITATION AND REFERENCES, PLAGIARISM | Articles, Dissertations, Research Proposal |
| 4 | MEASUREMENT, CONCEPT, CONSTRUCT |  |
| 5 | RESEARCH PROCESS 1 |  |
| 6 | RESEARCH PROCESS 2- VARIABLES | Exercises |
| 7 | RESEARCH PROCESS 3- HYPOTHESIS FORMULATION | Exercises |
| 8 | MIDTERM |  |
| 9 | RESEARCH DESIGN | Exercises |
| 10 | DATA COLLECTION METHODS | Examples of Data Collection Methods |
| 11 | Recognize the potential barriers to making ethical decisions |  |
| 12 | Be able to protect the reputation and long term interests of the company that employs them  |  |
| 13 | Explore the types of ethical dilemmas which people (especially managers) can face in the various organizational contexts, whether private sector or public sector. |  |
| 14 | Recognize how personal and corporate ethics affect decision-making |  |

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| **RECOMMENDED SOURCES** |
| **Textbook** | Sekaran, Uma and Bougie, Roger. (2012). Research Methods for Business: A Skill Building Approach. 5. (Ed.). |
| **Additional Resources** | Zikmund, W.G. (2003). **Business research methods**. 7. (Ed). Thomson (South Western) Publications. |

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| **MATERIAL SHARING** |
| **Documents** | Exercises related to the topics covered in class, additional course documents. |
| **Assignments** | A research study that includes all the steps of scientific research process. |
| **Exams** | Midterm, final exam |

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| **ASSESSMENT** |
| **IN-TERM STUDIES** | **NUMBER** | **PERCENTAGE** |
| Mid-terms | 1 | 30 |
| Assignment | 1 | 20 |
| **Total** |   | **50** |
| **CONTRIBUTION OF FINAL EXAMINATION TO OVERALL GRADE** |   | 50 |
| **CONTRIBUTION OF IN-TERM STUDIES TO OVERALL GRADE** |   | 50 |
| **Total** |   | **100** |

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| **COURSE CATEGORY** | Expertise/Field Courses |

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| **COURSE'S CONTRIBUTION TO PROGRAM** |
| No | Program Learning Outcomes | Contribution |
| 1 | 2 | 3 | 4 | 5 |  |
| 1 | Students learn the essential body of knowledge in business management (functions of management: organization theory: policy and strategy: information, technology and operations management; human capital management; accounting; finance; marketing; economics; and an integrated perspective) and apply them in business life | **X** |  |  |  |  |  |
| 2 | Students can apply business theories and methods by gaining expertise in at least one of the areas; accounting and finance, management, marketing or human resources management. |  | **X** |  |  |  |  |
| 3 | Students with their research methodologies knowledge can choose the appropriate methods for data gathering and analyzing and can understand and interpret the results, studies and reports. |  |  |  |  | **X** |  |
| 4 | Students gain the required qualifications to make strategic decisions and to take the leader role. |  |  | **X** |  |  |  |
| 5 | Students have the tendency to take active role in team work and can contribute to the team consciously. |  |  | **X** |  |  |  |
| 6 | Students can evaluate information coming from different disciplines, combine those information and they have an interdisciplinary viewpoint. |  |  | **X** |  |  |  |
| 7 | Students have the responsibility and knowledge to conduct independent and original studies both in business and academic arena. |  |  |  |  | **X** |  |
| 8 | Students can follow the local and global business environment dynamics and interpret them. |  |  |  | **X** |  |  |
| 9 | Students understand business ethics and social responsibility concepts  |  | **X** |  |  |  |  |
| 10 | Students have required the English proficiency to follow the current events and improvements in their professional area and to communicate their ideas in international business arena. |  |  |  |  | **X** |  |
| 11 | Students should understand the importance of lifelong learning to maintain personal and professional development. |  |  | **X** |  |  |  |
| 12 | Students should demonstrate that they have the discipline and responsibility to conduct an independent study, project, research. |  |  |  | **X** |  |  |
| 13 | Students can demonstrate that they have the commercial law knowledge which is shaping the global business world and though these they have the ability to reach a solution. | **X** |  |  |  |  |  |

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| **ECTS ALLOCATED BASED ON STUDENT WORKLOAD BY THE COURSE DESCRIPTION** |
| Activities | Quantity | Duration(Hour) | TotalWorkload(Hour) |
| Course Duration (Including the exam week: 16x Total course hours) | 16 | 3 | 48 |
| Hours for off-the-classroom study (Pre-study, practice) | 16 | 5 | 80 |
| Mid-term | 1 | 3 | 3 |
| Homework | 1 | 30 | 30 |
| Final examination | 1 | 5 | 5 |
| **Total Work Load** |   |   | 166 |
| **Total Work Load / 25 (h)** |   |   | 6,64 |
| **ECTS Credit of the Course** |   |   | 6 |