**SİİRT UNIVERSITY**

**SOCIAL SCIENCES INSTITUTE**

**EUROPEAN CREDIT TRANSFER SYSTEM (AKTS) INFORMATION PACKAGE**

**DEPARTMENT OF ECONOMICS**

**DOCTORATE (PhD) PROGRAMME IN ECONOMICS**

**General Information**

The aims of the PhD programme are to provide the student with the knowledge and skills necessary for independent economic analysis and research and to provide the opportunity to gain competence in a field in which he/she wants to work as an expert. Doctoral education aims to provide the individual with the competence to conduct independent scientific research. The PhD programme generally aims to equip those who wish to join the world of academia with the theoretical and practical skills necessary to conduct scientific research in their field.

**Degree Awarded**

Doctor of Science (PhD) in Economics

**Admission and Registration Requirements**

In order to apply to the programme, it is required to have at least a master's degree with thesis. The relevant exam scores (ALES, language) required during the application are included in the announcement of graduate education quotas announced by the institute every year. The general admission requirements for starting the programme are available on the website of the Institute of Social Sciences [(http://www.siirt.edu.tr](http://www.siirt.edu.tr) or [sbe.siirt.edu.tr](file:///C:\Users\Bilgisayar_\AppData\Local\Temp\Rar$DIa0.522\İktisat%20Doktora%20Programı%20courses.docx)).

**Recognition of Prior Learning**

If the students who have registered to the other Higher Education University in Turkey or abroad, where they have previously studied, apply within the first week, their credit and grade transfer requests are evaluated by the board of directors of the relevant teaching unit and a decision is made to cover the whole education and for one time only.

**Qualification Requirements and Rules**

For students with a master's degree, at least 7 courses, seminar course, qualifying exam, thesis proposal, specialisation course, thesis study, provided that not less than 180 ECTS credits, provided that not less than 60 ECTS credits in total; students admitted with a bachelor's degree must have completed at least 14 courses, seminar course, qualifying exam, thesis proposal, specialisation course, thesis proposal, specialisation course and thesis study with not less than 180 ECTS credits and not less than 120 ECTS credits, and must receive a letter grade of at least YT, CC or higher from all courses taken. In this programme, the GPA of the student must be at least 3.00 out of 4.00.

**Programme Profile**

The programme trains economists to conduct research and practice in various stages of economic life and provides academic formation to individuals who will work in the public and private sectors by using quantitative techniques such as mathematics, statistics and econometrics within the framework of economic theory. Economics education covers two basic processes. The first of these is to teach the economic principles and tools to be used in post-university life and thus to train the qualified labour force required by economic units trying to succeed in the face of rapidly changing global conditions. The second is to develop the ability of systematic and independent thinking, which can be useful in all areas of human life, and to provide students with scientific discipline in economic issues. Within this framework, the Department of Economics offers courses in Business Administration, Finance and Law in addition to Economics courses, enabling graduates to have the opportunity to work in a wide range of fields.

**Programme Outcomes**

|  |  |
| --- | --- |
| Students who complete the programme will have the following knowledge and skills: | |
| 1 | To have knowledge of quantitative and qualitative economic methods to test the propositions of different economic theories in an applied subject in order to contribute to solving current economic problems. |
| 2 | To have the experience of writing, using software and making presentations in order to share the accumulation and problem solving skills formed during the education process in environments such as newspapers, magazine articles, sessions, panels and their virtual (internet) equivalents. |
| 3 | To take part in academic, professional, regional and global networks related to the subject and to have the ability to use these networks effectively. |
| 4 | To have sufficient social responsibility and awareness of the needs of the community and to have the experience and competence to organise/support activities that can influence/direct social dynamics when necessary. |
| 5 | To be able to synthesise the necessary information by evaluating the information acquired during the education process together with the information acquired in business life and in his/her own life. |
| 6 | To be able to identify his/her own learning needs and to be able to direct his/her further learning by means of the critical and analytical thinking skills he/she will acquire. |
| 7 | To have sufficient theoretical and practical knowledge to define economic actors and relations at local, national and global levels, to compile and process data about them, and to have the scientific research capacity to guide economic policies. |
| 8 | Not forgetting that economics is a social science, to have the ability to articulate social dynamics as both an input and a result of economic processes and to be open to theoretical innovations in this field. |
| 9 | To be able to relate the knowledge gained at the university with the cultural and historical structure of the society and to communicate it to different layers of society. |
| 10 | To be able to follow the information and changes in economics and communicate with colleagues using a foreign language. |

**Employment Opportunities**

Graduates of PhD programmes usually continue their scientific studies in an academic environment and prefer to become academicians. In addition, economics graduates have a wide range of employment opportunities in the public and private sectors. They can take exams for inspectors, auditors and assistant experts opened by various ministries, and can be employed in state and private sector banks, enterprises and research institutions.

**Transfer to Higher Degree Programmes**

Those who complete the PhD programme can apply to other related post-doctoral programmes in the field of social sciences.

**Measurement and Evaluation**

Instructors may use a variety of assessment methods, including written exams, projects and presentations.

**Graduation Requirements**

The doctoral programme consists of a total of 21 credits for students who have been accepted with a master's degree with thesis and at least 240 ECTS credits, including at least seven courses, seminar, qualifying exam, thesis proposal and thesis study, provided that one academic year is not less than 60 ECTS. Before taking the qualifying exam, the student must have passed all the minimum number of courses and must have given at least one seminar course. The doctorate programme is eight semesters (three semesters of courses, five semesters of thesis) for those who are accepted with a master's degree with thesis, starting from the semester in which the courses related to the programme they are enrolled in are given, regardless of whether they register for each semester, except for the period spent in scientific preparation, and the maximum completion period is twelve semesters. The maximum time to successfully complete the credited courses is four semesters for those who are accepted with a master's degree with thesis.

**Courses - ECTS Credits** Doctoral Programme

**I. SEMESTER**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Code** | **Courses** | **T** | **U** | **K** | **ECTS** |
| IKDxxx | ELECTIVE COURSE I | 3 | 0 | 3 | 5 |
| IKDxxx | ELECTIVE COURSE II | 3 | 0 | 3 | 5 |
| IKDxxx | ELECTIVE COURSE III | 3 | 0 | 3 | 5 |
| IKD601 | SCI. PUB. RULES AND PUBLICATION ETHICS | 3 | 0 | 3 | 5 |
| IKD603 | DOCTORATE SPECIALISATION FIELD COURSE | 8 | 0 | 0 | 8 |
| IKD605 | DOCTORAL THESIS PREPARATION | 0 | 1 | 0 | 2 |
| **TOTAL** | | **20** | **1** | **12** | **30** |

IKDxxx: The xxx codes for the opened elective course will be entered during the registration period and three (3) elective courses will be selected.

**II. SEMESTER**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Code** | **Courses** | **T** | **U** | **K** | **ECTS** |
| IKDxxx | ELECTIVE COURSE IV | 3 | 0 | 3 | 5 |
| IKDxxx | ELECTIVE COURSE V | 3 | 0 | 3 | 5 |
| IKDxxx | ELECTIVE COURSE VI | 3 | 0 | 3 | 5 |
| IKD600 | SCI. PUB. RUL. AND PUBLICATION ETHICS PR. | 3 | 0 | 3 | 5 |
| IKD604 | DOCTORATE SPECIALISATION FIELD COURSE | 8 | 0 | 0 | 8 |
| IKD602 | DOCTORAL THESIS PREPARATION | 0 | 1 | 0 | 2 |
| **TOTAL** | | **17** | **3** | **9** | **30** |

IKDxxx: The xxx codes for the opened elective course will be entered during the registration period and three (3) elective courses will be selected.

**III. SEMESTER**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Code** | **Courses** | **T** | **U** | **K** | **ECTS** |
| IKDxxx | ELECTIVE COURSE VII | 3 | 0 | 3 | 5 |
| IKDxxx | ELECTIVE COURSE VIII | 3 | 0 | 3 | 5 |
| IKDxxx | ELECTIVE COURSE IX | 3 | 0 | 3 | 5 |
| IKD701 | DOCTORATE SPECIALISATION FIELD COURSE | 8 | 0 | 0 | 8 |
| IKD703 | DOCTORAL THESIS PREPARATION | 0 | 1 | 0 | 2 |
| IKD705 | DOCTORAL SEMINAR | 0 | 2 | 0 | 5 |
| **TOTAL** | | **17** | **3** | **9** | **30** |

IKDxxx: The xxx codes for the opened elective course will be entered during the registration period and three (3) elective courses will be selected.

**IV. SEMESTER**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Code** | **Courses** | **T** | **U** | **K** | **ECTS** |
| IKD702 | DOCTORAL QUALIFICATION STUDY | 0 | 1 | 0 | 22 |
| IKD704 | DOCTORATE SPECIALISATION FIELD COURSE | 8 | 0 | 0 | 8 |
| **TOTAL** | | **8** | **1** | **0** | **30** |

At the end of the semester in which the student successfully completes the courses taken, he/she takes the proficiency exam. Each student is given two (2) entrance rights for the qualifying exam. Students who fail the qualifying exam are dismissed from the programme. The student who is successful in the qualifying exam proposes a thesis topic to the relevant institute with the recommendation of the thesis advisor and the decision of the academic board of the department. The thesis topic proposal is finalised with the decision of the relevant institute board of directors.

According to Siirt University Directive on Specialised Field Courses for Graduate Programmes, PhD Specialised Field Course and Master's Thesis Study courses are offered differently for each faculty member due to different areas of expertise.

**V. SEMESTER**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Code** | **Courses** | **T** | **U** | **K** | **ECTS** |
| IKD801 | DOCTORAL THESIS | 0 | 1 | 0 | 22 |
| IKD803 | DOCTORATE SPECIALISATION FIELD COURSE | 8 | 0 | 0 | 8 |
| **TOTAL** | | **8** | **1** | **0** | **30** |

**VI. SEMESTER**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Code** | **Courses** | **T** | **U** | **K** | **ECTS** |
| IKD802 | DOCTORAL THESIS | 0 | 1 | 0 | 22 |
| IKD804 | DOCTORATE SPECIALISATION FIELD COURSE | 8 | 0 | 0 | 8 |
| **TOTAL** | | **8** | **1** | **0** | **30** |

**VII. SEMESTER**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Code** | **Courses** | **T** | **U** | **K** | **ECTS** |
| IKD901 | DOCTORAL THESIS | 0 | 1 | 0 | 22 |
| IKD903 | DOCTORATE SPECIALISATION FIELD COURSE | 8 | 0 | 0 | 8 |
| **TOTAL** | | **8** | **1** | **0** | **30** |

**VIII. SEMESTER**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Code** | **Courses** | **T** | **U** | **K** | **ECTS** |
| IKD902 | DOCTORAL THESIS | 0 | 1 | 0 | 22 |
| IKD904 | DOCTORATE SPECIALISATION FIELD COURSE | 8 | 0 | 0 | 8 |
| **TOTAL** | | **8** | **1** | **0** | **30** |

Elective courses to be offered within the programme

**I. SEMESTER (ELECTIVE COURSES)**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Code** | **Courses** | **T** | **U** | **K** | **ECTS** |
| IKD611 | ADVANCED MICROECONOMIC THEORY I | 3 | 0 | 3 | 5 |
| IKD613 | ADVANCED MACROECONOMIC THEORY I | 3 | 0 | 3 | 5 |
| IKD615 | ECONOMIC GROWTH I | 3 | 0 | 3 | 5 |
| IKD617 | ECONOMETRY I | 3 | 0 | 3 | 5 |
| IKD619 | INTERNATIONAL ECONOMICS I | 3 | 0 | 3 | 5 |
| IKD621 | POLITICAL ECONOMY I | 3 | 0 | 3 | 5 |

**II. SEMESTER (ELECTIVE COURSES)**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Code** | **Courses** | **T** | **U** | **K** | **ECTS** |
| IKD606 | ADVANCED MICROECONOMIC THEORY II | 3 | 0 | 3 | 5 |
| IKD608 | ADVANCED MACROECONOMIC THEORY II | 3 | 0 | 3 | 5 |
| IKD610 | ECONOMIC GROWTH II | 3 | 0 | 3 | 5 |
| IKD612 | ECONOMETRY II | 3 | 0 | 3 | 5 |
| IKD614 | INTERNATIONAL ECONOMICS II | 3 | 0 | 3 | 5 |
| IKD616 | POLITICAL ECONOMY II | 3 | 0 | 3 | 5 |
| IKD618 | PUBLIC POLICY ANALYSIS | 3 | 0 | 3 | 5 |

**III. SEMESTER (ELECTIVE COURSES)**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| IKD707 | INDUSTRIAL ORGANISATION | 3 | 0 | 3 | 5 |
| IKD709 | MONETARY THEORY AND POLICY | 3 | 0 | 3 | 5 |
| IKD711 | ADVANCED MATHEMATICAL ECONOMICS | 3 | 0 | 3 | 5 |
| IKD713 | GAME THEORY | 3 | 0 | 3 | 5 |
| IKD715 | COMPUTERISED ECONOMETRICS APP. | 3 | 0 | 3 | 5 |
| IKD717 | MACROECONOMIC MODELLING | 3 | 0 | 3 | 5 |
| IKD719 | PUBLIC PREFERENCES ANALYSIS | 3 | 0 | 3 | 5 |

**DOCTORATE PROGRAMME IN ECONOMICS**

**COURSE PROFILES**

**COMPULSORY COURSES**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **COURSE NAME** | **COURSE CODE** | **SEMESTER** | **(Theoretical-Practice-Credit)** | **ECTS** |
| **Scientific Publication Rules and Publication Ethics** | IKD601 | I. Semester | 3 - 0 - 3 | 5 |

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|  |  |
| **Teaching Level** | PhD |
| **Course Type** | Mandatory |
| **Classroom** | 1 |
| **Prerequisite** | None |
| **Recommended Courses** | None |
| **Weekly Course Hours** | 3 |
| **Duration** | 1 Semester |
| **Instructor(s)** | Prof. Dr Arzdar Kiracı |
| **Examination** | Midterm exam, final exam. |
| **Evaluation Method and Passing Criteria** | 40% of the midterm exam, 60% of the final exam. |
| **Learning Outcomes of the Course** | * To gain the necessary skills to study at postgraduate level * To be able to evaluate the quality of research proposals and research results (articles, reports, etc.) * To be able to explain basic information about different research methods * Understanding what a scientific research proposal covers * To be able to comment on quantitative and qualitative data analysis |
| **Course Delivery Format** | Face to Face |
| **Course Objectives** | Concepts related to science, scientific research stages and scientific activities related to these stages, scientific research reports, projects, theses, etc. to provide students with the methods of making. |
| **Course Content** | Science; Scientific paradigms (traditional understanding of science, post modern understanding of science); Qualities of scientific research, Types of scientific research; Parts of a scientific research; Problem selection; Research models (survey and experimental models); Universe and sample; Validity and reliability of data collection tools; Content analysis; Questionnaire; Attitude and Attitude scales; Observation; Interview; Ethical rules in scientific research. |
| **Sources** | * Niyazi Karasar, Scientific Research Method, Nobel Publishing House, Ankara, 2013 * Remzi Y. Kıncal, Scientific Research Methods, Nobel Publishing House, Ankara, 2013 * Zeynel Dinler, Scientific Research and E-Resources, Ekin Kitabevi Publications, Bursa, 2012 |
| **Teaching Methods and Techniques** | Lecture, Discussion |
| **Internship / Application** | None |

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| --- | --- | --- | --- | --- |
| **COURSE NAME** | **COURSE CODE** | **SEMESTER** | **(Theoretical-Practice-Credit)** | **ECTS** |
| **Doctorate Specialisation Field Course** | IKD603 | I. Semester | 8+0+0 | 8 |

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| --- | --- |
|  |  |
| **Teaching Level** | PhD |
| **Course Type** | Mandatory |
| **Classroom** | 1 |
| **Prerequisite** | None |
| **Recommended Courses** | None |
| **Weekly Course Hours** | 8 |
| **Duration** | 1 semester |
| **Instructor(s)** |  |
| **Examination** |  |
| **Evaluation Method and Passing Criteria** |  |
| **Learning Outcomes of the Course** | * Will be able to conduct a comprehensive research on a given subject. * Will be able to give lectures and / or seminars on the specified subject. * Will be able to participate in the most up-to-date academic discussions on the specified topic. * Will be able to make an up-to-date, original and useful contribution to the literature on the specified subject. * It will be able to create a future research plan on this subject. |
| **Course Delivery Format** | Face to face |
| **Course Objectives** | The aim of the course is to enable the student to acquire advanced knowledge in a field of his/her choice, to gain research experience and to begin to contribute to the academic literature on the subject. The student is expected to learn the state-of-the-art knowledge in a theoretical or experimental field and any topic of interest and then make an up-to-date, original and useful contribution to the relevant literature. |
| **Course Content** | Within the framework of the student's interests, a research project is created on the subject of interest together with the lecturer. The student reports to the lecturer about what he/she has read every week at the specified times. Together with these, the student continues his/her original work on the subject they have determined under the supervision of the lecturer. The course continues with the student presenting an interpretation of the latest literature on the subject to the lecturer by mentioning the contributions that can be made to this literature. In this process, the student is also asked to prepare one or two mini projects in this field. The course ends at the end of the semester with the presentation of the work to the lecturer for evaluation. |
| **Sources** | Related Scientific Books and Articles |
| **Teaching Methods and Techniques** | Lecture, Discussion |
| **Internship / Application** | None |

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| --- | --- | --- | --- | --- |
| **COURSE NAME** | **COURSE CODE** | **SEMESTER** | **(Theoretical-Practice-Credit)** | **ECTS** |
| **Doctorate Thesis Preparation** | IKD605 | I. Semester | 0+1+0 | 2 |

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| --- | --- |
|  |  |
| **Teaching Level** | PhD |
| **Course Type** | Mandatory |
| **Classroom** | 1 |
| **Prerequisite** | None |
| **Recommended Courses** | None |
| **Weekly Course Hours** | 3 |
| **Duration** | 1 semester |
| **Instructor(s)** |  |
| **Examination** |  |
| **Evaluation Method and Passing Criteria** | Presentation/seminar preparation |
| **Learning Outcomes of the Course** | * Ability to develop new approaches to complex situations encountered in thesis applications and to solve them by taking responsibility. * The ability to evaluate, develop and use the knowledge gained in the thesis at the level of expertise. * The ability to need information and the ability to access the information they are looking for. * To be able to observe scientific and ethical values in the stages of collecting, evaluating and publishing the data related to the thesis subject. * To be able to prepare a scientific report. |
| **Course Delivery Format** |  |
| **Course Objectives** | The aim of the course is to contribute to the development of graduate students in all academic studies such as courses, seminars, theses, etc., especially in methodology by combining analytical thinking skills with problem solving skills. |
| **Course Content** | It is a course in which graduate students are guided by the supervising faculty member. It is a theoretical course in which the lecturers transfer their experiences to the graduate students in order to gain in-depth study and self-development skills in their field by accessing the existing literature. |
| **Sources** | Selected Readings |
| **Teaching Methods and Techniques** | Lecture, Discussion |
| **Internship / Application** | None |

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| --- | --- | --- | --- | --- |
| **COURSE NAME** | **COURSE CODE** | **SEMESTER** | **(Theoretical-Practice-Credit)** | **ECTS** |
| **Scientific Publication Rules and Publication Ethics Practice** | IKD600 | Second Semester | 3 - 0 - 3 | 5 |

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| --- | --- |
|  |  |
| **Teaching Level** | PhD |
| **Course Type** | Mandatory |
| **Classroom** | 1 |
| **Prerequisite** | None |
| **Recommended Courses** | None |
| **Weekly Course Hours** | 3 |
| **Duration** | 1 semester |
| **Instructor(s)** | Prof. Dr Arzdar Kiracı |
| **Examination** |  |
| **Evaluation Method and Passing Criteria** | Midterm 40%, final 60% |
| **Learning Outcomes of the Course** | * To gain the necessary skills to study at postgraduate level * To be able to evaluate the quality of research proposals and research results (articles, reports, etc.) * To be able to explain basic information about different research methods * Understanding what a scientific research proposal covers * To be able to comment on quantitative and qualitative data analysis |
| **Course Delivery Format** | Face to face |
| **Course Objectives** | Application of concepts related to science, scientific research stages and scientific activities related to these stages, scientific research reports, projects, theses, etc. to provide students with the methods of making. |
| **Course Content** | Science; Scientific paradigms (traditional understanding of science, post modern understanding of science); Qualities of scientific research, Types of scientific research; Parts of a scientific research; Problem selection; Research models (survey and experimental models); Universe and sample; Validity and reliability of data collection tools; Content analysis; Questionnaire; Attitude and Attitude scales; Observation; Interview; Ethical rules in scientific research. |
| **Sources** | * Niyazi Karasar, Scientific Research Method, Nobel Publishing House, Ankara, 2013 * Remzi Y. Kıncal, Scientific Research Methods, Nobel Publishing House, Ankara, 2013 * Zeynel Dinler, Scientific Research and E-Resources, Ekin Kitabevi Publications, Bursa, 2012 |
| **Teaching Methods and Techniques** | Lecture, Discussion |
| **Internship / Application** | None |

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| --- | --- | --- | --- | --- |
| **COURSE NAME** | **COURSE CODE** | **SEMESTER** | **(Theoretical-Practice-Credit)** | **ECTS** |
| **Doctorate Specialisation Field Course** | IKD604 | Second Semester | 8+0+0 | 8 |

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| --- | --- |
|  |  |
| **Teaching Level** | PhD |
| **Course Type** | Mandatory |
| **Classroom** | 1 |
| **Prerequisite** | None |
| **Recommended Courses** | None |
| **Weekly Course Hours** | 8 |
| **Duration** | 1 semester |
| **Instructor(s)** |  |
| **Examination** |  |
| **Evaluation Method and Passing Criteria** |  |
| **Learning Outcomes of the Course** | * Will be able to conduct a comprehensive research on a given topic. * Will be able to give lectures and / or seminars on the specified subject. * Will be able to participate in the most up-to-date academic discussions on the specified topic. * Will be able to make an up-to-date, original and useful contribution to the literature on the specified subject. * It will be able to create a future research plan on this subject. |
| **Course Delivery Format** | Face to face |
| **Course Objectives** | The aim of the course is to enable the student to acquire advanced knowledge in a field of his/her choice, to gain research experience and to begin to contribute to the academic literature on the subject. The student is expected to learn the state-of-the-art knowledge in a theoretical or experimental field and any topic of interest and then make an up-to-date, original and useful contribution to the relevant literature. |
| **Course Content** | Within the framework of the student's interests, a research project is created on the subject of interest with the lecturer. The student reports to the lecturer about what he/she has read every week at the specified times. Together with these, the student continues his/her original work on the subject they have determined under the supervision of the lecturer. The course continues with the student presenting an interpretation of the latest literature on the subject to the lecturer by mentioning the contributions that can be made to this literature. In this process, the student is also asked to prepare one or two mini projects in this field. The course ends at the end of the semester with the presentation of the work to the lecturer for evaluation. |
| **Sources** | Related Scientific Books and Articles |
| **Teaching Methods and Techniques** | Lecture, Discussion |
| **Internship / Application** | None |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **COURSE NAME** | **COURSE CODE** | **SEMESTER** | **(Theoretical-Practice-Credit)** | **ECTS** |
| **Doctorate Thesis Preparation** | IKD602 | Second Semester | 0+1+0 | 2 |

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| --- | --- |
|  |  |
| **Teaching Level** | PhD |
| **Course Type** | Mandatory |
| **Classroom** | 1 |
| **Prerequisite** | None |
| **Recommended Courses** | None |
| **Weekly Course Hours** | 3 |
| **Duration** | 1 semester |
| **Instructor(s)** |  |
| **Examination** |  |
| **Evaluation Method and Passing Criteria** | Seminar/presentation preparation |
| **Learning Outcomes of the Course** | * Ability to develop new approaches to complex situations encountered in thesis applications and to solve them by taking responsibility. * The ability to evaluate, develop and use the knowledge gained in the thesis at the level of expertise. * The ability to need information and the ability to access the information they are looking for. * To be able to observe scientific and ethical values in the stages of collecting, evaluating and publishing the data related to the thesis subject. * To be able to prepare a scientific report. |
| **Course Delivery Format** | Face to face |
| **Course Objectives** | The aim of the course is to contribute to the development of graduate students in all academic studies such as lectures, seminars, thesis, etc., especially in methodology and methodology by combining analytical thinking skills with problem solving skills. |
| **Course Content** | It is a course in which graduate students are guided by the supervising faculty member. It is a theoretical course in which the lecturers transfer their experiences to the graduate students in order to gain in-depth study and self-development skills in their field by accessing the existing literature. |
| **Sources** | Selected readings |
| **Teaching Methods and Techniques** | Lecture, Discussion |
| **Internship / Application** | None |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **COURSE NAME** | **COURSE CODE** | **SEMESTER** | **(Theoretical-Practice-Credit)** | **ECTS** |
| **Doctorate Specialisation Field Course** | IKD703 | III. Semester | 8+0+0 | 8 |

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| --- | --- |
|  |  |
| **Teaching Level** | PhD |
| **Course Type** | Mandatory |
| **Classroom** | 2 |
| **Prerequisite** | None |
| **Recommended Courses** | None |
| **Weekly Course Hours** | 8 |
| **Duration** | 1 semester |
| **Instructor(s)** |  |
| **Examination** |  |
| **Evaluation Method and Passing Criteria** |  |
| **Learning Outcomes of the Course** | * Will be able to conduct a comprehensive research on a given topic. * Will be able to give lectures and / or seminars on the specified subject. * Will be able to participate in the most up-to-date academic discussions on the specified topic. * Will be able to make an up-to-date, original and useful contribution to the literature on the specified subject. * It will be able to create a future research plan on this subject. |
| **Course Delivery Format** | Face to face |
| **Course Objectives** | The aim of the course is to enable the student to acquire advanced knowledge in a field of his/her choice, to gain research experience and to begin to contribute to the academic literature on the subject. The student is expected to learn the state-of-the-art knowledge in a theoretical or experimental field and any topic of interest and then make an up-to-date, original and useful contribution to the relevant literature. |
| **Course Content** | Within the framework of the student's interests, a research project is created on the subject of interest with the lecturer. The student reports to the lecturer about what he/she has read every week at the specified times. Together with these, the student continues his/her original work on the subject they have determined under the supervision of the lecturer. The course continues with the student presenting an interpretation of the latest literature on the subject to the lecturer by mentioning the contributions that can be made to this literature. In this process, the student is also asked to prepare one or two mini projects in this field. The course ends at the end of the semester with the presentation of the work to the lecturer for evaluation. |
| **Sources** | Related Scientific Books and Articles |
| **Teaching Methods and Techniques** | Lecture, Discussion |
| **Internship / Application** | None |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **COURSE NAME** | **COURSE CODE** | **SEMESTER** | **(Theoretical-Practice-Credit)** | **ECTS** |
| **Doctorate Thesis Preparation** | IKD701 | III. Semester | 0+1+0 | 2 |

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| **Teaching Level** | PhD |
| **Course Type** | Mandatory |
| **Classroom** | 2 |
| **Prerequisite** | None |
| **Recommended Courses** | None |
| **Weekly Course Hours** | 8 |
| **Duration** | 1 semester |
| **Instructor(s)** |  |
| **Examination** |  |
| **Evaluation Method and Passing Criteria** | Seminar/presentation preparation |
| **Learning Outcomes of the Course** | * Ability to develop new approaches to complex situations encountered in thesis applications and to solve them by taking responsibility. * The ability to evaluate, develop and use the knowledge gained in the thesis at the level of expertise. * The ability to need information and the ability to access the information they are looking for. * To be able to observe scientific and ethical values in the stages of collecting, evaluating and publishing the data related to the thesis subject. * To be able to prepare a scientific report. |
| **Course Delivery Format** | Face to face |
| **Course Objectives** | The aim of the course is to contribute to the development of graduate students in all academic studies such as courses, seminars, theses, etc., especially in methodology by combining analytical thinking skills with problem solving skills. |
| **Course Content** | It is a course in which graduate students are guided by the supervising faculty member. It is a theoretical course in which the lecturers transfer their experiences to the graduate students in order to gain in-depth study and self-development skills in their field by accessing the existing literature. |
| **Sources** | Selected readings |
| **Teaching Methods and Techniques** | Lecture, Discussion |
| **Internship / Application** | None |

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| **COURSE NAME** | **COURSE CODE** | **SEMESTER** | **(Theoretical-Practice-Credit)** | **ECTS** |
| **Doctoral Seminar** | IKD705 | III. Semester | 0+2+0 | 5 |

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| **Teaching Level** | PhD |
| **Course Type** | Mandatory |
| **Classroom** | 2 |
| **Prerequisite** | None |
| **Recommended Courses** | None |
| **Weekly Course Hours** |  |
| **Duration** | 1 semester |
| **Instructor(s)** |  |
| **Examination** | Application |
| **Evaluation Method and Passing Criteria** | Seminar/presentation preparation |
| **Learning Outcomes of the Course** | * Will be able to create knowledge about his/her own research topic. * Analyse theoretical and methodological approaches and terminology. * Will be able to apply the necessary research and writing skills. * Will have knowledge about research ethics and labour theft. * Will be able to evaluate their own work at an adequate level. * Will be able to present his/her own research topic orally. * Will be able to produce an academic study at expected standards. |
| **Course Delivery Format** | Homework/report preparation |
| **Course Objectives** | The aim of this course is: 1) To strengthen the research focus; 2) To sharpen and refine the research question; 3) To clarify various theoretical and methodological approaches and research ethics; 4) To develop practical skills related to archival and library research; 5) to develop the organisation of scientific review and presentation skills; |
| **Course Content** | Developing research question, scanning sources, determining  research method and theoretical framework and making application.  Preparation for academic research and thesis writing process. |
| **Sources** | Published theses  Scientific studies found by literature review |
| **Teaching Methods and Techniques** | Research, lecture, discussion. |
| **Internship / Application** | None |

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| **COURSE NAME** | **COURSE CODE** | **SEMESTER** | **(Theoretical-Practice-Credit)** | **ECTS** |
| **Doctorate Proficiency Study** | IKD702 | IV. Semester | 0+1+0 | 22 |

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| **Teaching Level** | PhD |
| **Course Type** | Mandatory |
| **Classroom** | 2 |
| **Prerequisite** | None |
| **Recommended Courses** | None |
| **Weekly Course Hours** | 3 |
| **Duration** | 1 semester |
| **Instructor(s)** |  |
| **Examination** |  |
| **Evaluation Method and Passing Criteria** | Attandance |
| **Learning Outcomes of the Course** | * Ability to develop new approaches to complex situations encountered in thesis applications and to solve them by taking responsibility. * The ability to evaluate, develop and use the knowledge gained in the thesis at the level of expertise. * The ability to need information and the ability to access the information they are looking for. * To be able to observe scientific and ethical values in the stages of collecting, evaluating and publishing the data related to the thesis subject. * To be able to prepare a scientific report. |
| **Course Delivery Format** | Face to face |
| **Course Objectives** | To contribute to the development of graduate students, especially in methodology, by combining analytical thinking skills with problem solving skills |
| **Course Content** | It is a course in which graduate students are guided by the supervising faculty member. It is a theoretical course in which the lecturers transfer their experiences to the graduate students in order to gain in-depth study and self-development skills in their field by accessing the existing literature. |
| **Sources** |  |
| **Teaching Methods and Techniques** | Selected readings |
| **Internship / Application** | None |

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| **COURSE NAME** | **COURSE CODE** | **SEMESTER** | **(Theoretical-Practice-Credit)** | **ECTS** |
| **Doctorate Specialisation Field Course** | IKD704 | IV. Semester | 8+0+0 | 8 |

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| **Teaching Level** | PhD |
| **Course Type** | Mandatory |
| **Classroom** | 2 |
| **Prerequisite** | None |
| **Recommended Courses** | None |
| **Weekly Course Hours** | 8 |
| **Duration** | 1 semester |
| **Instructor(s)** |  |
| **Examination** |  |
| **Evaluation Method and Passing Criteria** |  |
| **Learning Outcomes of the Course** | * Will be able to conduct a comprehensive research on a given topic. * Will be able to give lectures and / or seminars on the specified subject. * Will be able to participate in the most up-to-date academic discussions on the specified topic. * Will be able to make an up-to-date, original and useful contribution to the literature on the specified subject. * It will be able to create a future research plan on this subject. |
| **Course Delivery Format** | Face to face |
| **Course Objectives** | The aim of the course is to enable the student to acquire advanced knowledge in a field of his/her choice, to gain research experience and to begin to contribute to the academic literature on the subject. The student is expected to learn the state-of-the-art knowledge in a theoretical or experimental field and any topic of interest and then make an up-to-date, original and useful contribution to the relevant literature. |
| **Course Content** | Within the framework of the student's interests, a research project is created on the subject of interest with the lecturer. The student reports to the lecturer about what he/she has read every week at the specified times. Together with these, the student continues his/her original work on the subject they have determined under the supervision of the lecturer. The course continues with the student presenting an interpretation of the latest literature on the subject to the lecturer by mentioning the contributions that can be made to this literature. In this process, the student is also asked to prepare one or two mini projects in this field. The course ends at the end of the semester with the presentation of the work to the lecturer for evaluation. |
| **Sources** | Related Scientific Books and Articles |
| **Teaching Methods and Techniques** | Lecture, Discussion |
| **Internship / Application** | None |

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| **COURSE NAME** | **COURSE CODE** | **SEMESTER** | **(Theoretical-Practice-Credit)** | **ECTS** |
| **Doctoral Thesis** | IKD801 | V. Semester | 0+1+0 | 22 |

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| **Teaching Level** | PhD |
| **Course Type** | Mandatory |
| **Classroom** | 3 |
| **Prerequisite** | None |
| **Recommended Courses** | None |
| **Weekly Course Hours** | 8 |
| **Duration** | 1 semester |
| **Instructor(s)** |  |
| **Examination** |  |
| **Evaluation Method and Passing Criteria** | Seminar/presentation preparation |
| **Learning Outcomes of the Course** | * Ability to develop new approaches to complex situations encountered in thesis applications and to solve them by taking responsibility. * The ability to evaluate, develop and use the knowledge gained in the thesis at the level of expertise. * The ability to need information and the ability to access the information they are looking for. * To be able to observe scientific and ethical values in the stages of collecting, evaluating and publishing the data related to the thesis subject. * To be able to prepare a scientific report. |
| **Course Delivery Format** | Face to face |
| **Course Objectives** | The aim of the course is to contribute to the development of graduate students in all academic studies such as lectures, seminars, thesis, etc., especially in methodology and methodology by combining analytical thinking skills with problem solving skills. |
| **Course Content** | It is a course in which graduate students are guided by the supervising faculty member. It is a theoretical course in which the lecturers transfer their experiences to the graduate students in order to gain in-depth study and self-development skills in their field by accessing the existing literature. |
| **Sources** | Selected readings |
| **Teaching Methods and Techniques** | Lecture, Discussion |
| **Internship / Application** | None |

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| **COURSE NAME** | **COURSE CODE** | **SEMESTER** | **(Theoretical-Practice-Credit)** | **ECTS** |
| **Doctoral Thesis** | IKD802 | VI. Semester | 0+1+0 | 22 |

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| **Teaching Level** | PhD |
| **Course Type** | Mandatory |
| **Classroom** | 3 |
| **Prerequisite** | None |
| **Recommended Courses** | None |
| **Weekly Course Hours** | 8 |
| **Duration** | 1 semester |
| **Instructor(s)** |  |
| **Examination** |  |
| **Evaluation Method and Passing Criteria** | Seminar/presentation preparation |
| **Learning Outcomes of the Course** | * Ability to develop new approaches to complex situations encountered in thesis applications and to solve them by taking responsibility. * The ability to evaluate, develop and use the knowledge gained in the thesis at the level of expertise. * The ability to need information and the ability to access the information they are looking for. * To be able to observe scientific and ethical values in the stages of collecting, evaluating and publishing the data related to the thesis subject. * To be able to prepare a scientific report. |
| **Course Delivery Format** | Face to face |
| **Course Objectives** | The aim of the course is to contribute to the development of graduate students in all academic studies such as lectures, seminars, thesis, etc., especially in methodology and methodology by combining analytical thinking skills with problem solving skills. |
| **Course Content** | It is a course in which graduate students are guided by the supervising faculty member. It is a theoretical course in which the lecturers transfer their experiences to the graduate students in order to gain in-depth study and self-development skills in their field by accessing the existing literature. |
| **Sources** | Selected readings |
| **Teaching Methods and Techniques** | Lecture, Discussion |
| **Internship / Application** | None |

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| **COURSE NAME** | **COURSE CODE** | **SEMESTER** | **(Theoretical-Practice-Credit)** | **ECTS** |
| **Doctoral Thesis** | IKD901 | VII. Semester | 0+1+0 | 22 |

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| **Teaching Level** | PhD |
| **Course Type** | Mandatory |
| **Classroom** | 4 |
| **Prerequisite** | None |
| **Recommended Courses** | None |
| **Weekly Course Hours** | 8 |
| **Duration** | 1 semester |
| **Instructor(s)** |  |
| **Examination** |  |
| **Evaluation Method and Passing Criteria** | Seminar/presentation preparation |
| **Learning Outcomes of the Course** | * Ability to develop new approaches to complex situations encountered in thesis applications and to solve them by taking responsibility. * The ability to evaluate, develop and use the knowledge gained in the thesis at the level of expertise. * The ability to need information and the ability to access the information they are looking for. * To be able to observe scientific and ethical values in the stages of collecting, evaluating and publishing the data related to the thesis subject. * To be able to prepare a scientific report. |
| **Course Delivery Format** | Face to face |
| **Course Objectives** | The aim of the course is to contribute to the development of graduate students in all academic studies such as lectures, seminars, thesis, etc., especially in methodology by combining analytical thinking skills with problem solving skills. |
| **Course Content** | It is a course in which graduate students are guided by the supervising faculty member. It is a theoretical course in which the lecturers transfer their experiences to the graduate students in order to gain in-depth study and self-development skills in their field by accessing the existing literature. |
| **Sources** | Selected readings |
| **Teaching Methods and Techniques** | Lecture, Discussion |
| **Internship / Application** | None |

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| **COURSE NAME** | **COURSE CODE** | **SEMESTER** | **(Theoretical-Practice-Credit)** | **ECTS** |
| **Doctoral Thesis** | IKD902 | VIII. Semester | 0+1+0 | 22 |

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| **Teaching Level** | PhD |
| **Course Type** | Mandatory |
| **Classroom** | 4 |
| **Prerequisite** | None |
| **Recommended Courses** | None |
| **Weekly Course Hours** | 8 |
| **Duration** | 1 semester |
| **Instructor(s)** |  |
| **Examination** |  |
| **Evaluation Method and Passing Criteria** | Seminar/presentation preparation |
| **Learning Outcomes of the Course** | * Ability to develop new approaches to complex situations encountered in thesis applications and to solve them by taking responsibility. * The ability to evaluate, develop and use the knowledge gained in the thesis at the level of expertise. * The ability to need information and the ability to access the information they are looking for. * To be able to observe scientific and ethical values in the stages of collecting, evaluating and publishing the data related to the thesis subject. * To be able to prepare a scientific report. |
| **Course Delivery Format** | Face to face |
| **Course Objectives** | The aim of the course is to contribute to the development of graduate students in all academic studies such as lectures, seminars, thesis, etc., especially in methodology by combining analytical thinking skills with problem solving skills. |
| **Course Content** | It is a course in which graduate students are guided by the supervising faculty member. It is a theoretical course in which the lecturers transfer their experiences to the graduate students in order to gain in-depth study and self-development skills in their field by accessing the existing literature. |
| **Sources** | Selected readings |
| **Teaching Methods and Techniques** | Lecture, Discussion |
| **Internship / Application** | None |

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| **COURSE NAME** | **COURSE CODE** | **SEMESTER** | **(Theoretical-Practice-Credit)** | **ECTS** |
| **Doctorate Specialisation Field Course** | IKD803 | V. Semester | 8+0+0 | 8 |

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| **Teaching Level** | PhD |
| **Course Type** | Mandatory |
| **Classroom** | 3 |
| **Prerequisite** | None |
| **Recommended Courses** | None |
| **Weekly Course Hours** | 8 |
| **Duration** | 1 semester |
| **Instructor(s)** |  |
| **Examination** |  |
| **Evaluation Method and Passing Criteria** |  |
| **Learning Outcomes of the Course** | * Will be able to conduct a comprehensive research on a given subject. * Will be able to give lectures and / or seminars on the specified subject. * Will be able to participate in the most up-to-date academic discussions on the specified topic. * Will be able to make an up-to-date, original and useful contribution to the literature on the specified subject. * It will be able to create a future research plan on this subject. |
| **Course Delivery Format** | Face to face |
| **Course Objectives** | The aim of the course is to enable the student to acquire advanced knowledge in a field of his/her choice, to gain research experience and to begin to contribute to the academic literature on the subject. The student is expected to learn the state-of-the-art knowledge in a theoretical or experimental field and any topic of interest and then make an up-to-date, original and useful contribution to the relevant literature. |
| **Course Content** | Within the framework of the student's interests, a research project is created on the subject of interest with the lecturer. The student reports to the lecturer about what he/she has read every week at the specified times. Together with these, the student continues his/her original work on the subject they have determined under the supervision of the lecturer. The course continues with the student presenting an interpretation of the latest literature on the subject to the lecturer by mentioning the contributions that can be made to this literature. In this process, the student is also asked to prepare one or two mini projects in this field. The course ends at the end of the semester with the presentation of the work to the lecturer for evaluation. |
| **Sources** | Related Scientific Books and Articles |
| **Teaching Methods and Techniques** | Lecture, Discussion |
| **Internship / Application** | None |

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| **COURSE NAME** | **COURSE CODE** | **SEMESTER** | **(Theoretical-Practice-Credit)** | **ECTS** |
| **Doctorate Specialisation Field Course** | IKD804 | VI. Semester | 8+0+0 | 8 |

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| **Teaching Level** | PhD |
| **Course Type** | Mandatory |
| **Classroom** | 3 |
| **Prerequisite** | None |
| **Recommended Courses** | None |
| **Weekly Course Hours** | 8 |
| **Duration** | 1 semester |
| **Instructor(s)** |  |
| **Examination** |  |
| **Evaluation Method and Passing Criteria** |  |
| **Learning Outcomes of the Course** | * Will be able to conduct a comprehensive research on a given subject. * Will be able to give lectures and / or seminars on the specified subject. * Will be able to participate in the most up-to-date academic discussions on the specified topic. * Will be able to make an up-to-date, original and useful contribution to the literature on the specified subject. * It will be able to create a future research plan on this subject. |
| **Course Delivery Format** | Face to face |
| **Course Objectives** | The aim of the course is to enable the student to acquire advanced knowledge in a field of his/her choice, to gain research experience and to begin to contribute to the academic literature on the subject. The student is expected to learn the state-of-the-art knowledge in a theoretical or experimental field and any topic of interest and then make an up-to-date, original and useful contribution to the relevant literature. |
| **Course Content** | Within the framework of the student's interests, a research project is created on the subject of interest with the lecturer. The student reports to the lecturer about what he/she has read every week at the specified times. Together with these, the student continues his/her original work on the subject they have determined under the supervision of the lecturer. The course continues with the student presenting an interpretation of the latest literature on the subject to the lecturer by mentioning the contributions that can be made to this literature. In this process, the student is also asked to prepare one or two mini projects in this field. The course ends at the end of the semester with the presentation of the work to the lecturer for evaluation. |
| **Sources** | Related Scientific Books and Articles |
| **Teaching Methods and Techniques** | Lecture, Discussion |
| **Internship / Application** | None |

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| **COURSE NAME** | **COURSE CODE** | **SEMESTER** | **(Theoretical-Practice-Credit)** | **ECTS** |
| **Doctorate Specialisation Field Course** | IKD903 | VII. Semester | 8+0+0 | 8 |

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| **Teaching Level** | PhD |
| **Course Type** | Mandatory |
| **Classroom** | 4 |
| **Prerequisite** | None |
| **Recommended Courses** | None |
| **Weekly Course Hours** | 8 |
| **Duration** | 1 semester |
| **Instructor(s)** |  |
| **Examination** |  |
| **Evaluation Method and Passing Criteria** |  |
| **Learning Outcomes of the Course** | * Will be able to conduct a comprehensive research on a given topic. * Will be able to give lectures and / or seminars on the specified subject. * Will be able to participate in the most up-to-date academic discussions on the specified topic. * Will be able to make an up-to-date, original and useful contribution to the literature on the specified subject. * It will be able to create a future research plan on this subject. |
| **Course Delivery Format** | Face to face |
| **Course Objectives** | The aim of the course is to enable the student to acquire advanced knowledge in a field of his/her choice, to gain research experience and to begin to contribute to the academic literature on the subject. The student is expected to learn the state-of-the-art knowledge in a theoretical or experimental field and any topic of interest and then make an up-to-date, original and useful contribution to the relevant literature. |
| **Course Content** | Within the framework of the student's interests, a research project is created on the subject of interest with the lecturer. The student reports to the lecturer about what he/she has read every week at the specified times. Together with these, the student continues his/her original work on the subject they have determined under the supervision of the lecturer. The course continues with the student presenting an interpretation of the latest literature on the subject to the lecturer by mentioning the contributions that can be made to this literature. In this process, the student is also asked to prepare one or two mini projects in this field. The course ends at the end of the semester with the presentation of the work to the lecturer for evaluation. |
| **Sources** | Related Scientific Books and Articles |
| **Teaching Methods and Techniques** | Lecture, Discussion |
| **Internship / Application** | None |

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| **COURSE NAME** | **COURSE CODE** | **SEMESTER** | **(Theoretical-Practice-Credit)** | **ECTS** |
| **Doctorate Specialisation Field Course** | IKD904 | VIII. Semester | 8+0+0 | 8 |

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| **Teaching Level** | PhD |
| **Course Type** | Mandatory |
| **Classroom** | 4 |
| **Prerequisite** | None |
| **Recommended Courses** | None |
| **Weekly Course Hours** | 8 |
| **Duration** | 1 semester |
| **Instructor(s)** |  |
| **Examination** |  |
| **Evaluation Method and Passing Criteria** |  |
| **Learning Outcomes of the Course** | * Will be able to conduct a comprehensive research on a given subject. * Will be able to give lectures and / or seminars on the specified subject. * Will be able to participate in the most up-to-date academic discussions on the specified topic. * Will be able to make an up-to-date, original and useful contribution to the literature on the specified subject. * It will be able to create a future research plan on this subject. |
| **Course Delivery Format** | Face to face |
| **Course Objectives** | The aim of the course is to enable the student to acquire advanced knowledge in a field of his/her choice, to gain research experience and to begin to contribute to the academic literature on the subject. The student is expected to learn the state-of-the-art knowledge in a theoretical or experimental field and any topic of interest and then make an up-to-date, original and useful contribution to the relevant literature. |
| **Course Content** | Within the framework of the student's interests, a research project is created on the subject of interest with the lecturer. The student reports to the lecturer about what he/she has read every week at the specified times. Together with these, the student continues his/her original work on the subject they have determined under the supervision of the lecturer. The course continues with the student presenting an interpretation of the latest literature on the subject to the lecturer by mentioning the contributions that can be made to this literature. In this process, the student is also asked to prepare one or two mini projects in this field. The course ends at the end of the semester with the presentation of the work to the lecturer for evaluation. |
| **Sources** | Related Scientific Books and Articles |
| **Teaching Methods and Techniques** | Lecture, Discussion |
| **Internship / Application** | None |

**ELECTIVE COURSES**

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| **COURSE NAME** | **COURSE CODE** | **SEMESTER** | **(Theoretical-Practice-Credit)** | **ECTS** |
| **Advanced Microeconomic Theory I** | IKD611 | I. Semester | 3+0+3 | 5 |

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| **Teaching Level** | PhD |
| **Course Type** | Elective |
| **Classroom** | 1 |
| **Prerequisite** | None |
| **Recommended Courses** | None |
| **Weekly Course Hours** | 3 |
| **Duration** | 1 semester |
| **Instructor(s)** | Assoc. Prof Burçak Polat |
| **Examination** |  |
| **Evaluation Method and Passing Criteria** | Midterm exam 40%, Final exam 60% |
| **Learning Outcomes of the Course** | * Learns microeconomic concepts. * Analyses economic problems in the theoretical framework. * Gains theoretical knowledge about utility maximisation. * Explains the formation of market equilibrium with the help of graphics. * Analyses the factors affecting the change of market equilibrium. * Creates production function and analyses productivity. * Formulates the optimal factor composition. * Interpret microeconomic developments in the economy. |
| **Course Delivery Format** | Face to face |
| **Course Objectives** | To develop students' understanding of microeconomic concepts, tools, models and problems. To reinforce the microeconomic topics and models that can be used in the thesis. |
| **Course Content** | Producer and consumer theories, cost theories, co-benefit and co-product curves, supply and demand analyses. |
| **Sources** | * Dinler, Z. 2009; Micro Economics, Ekin Publishing House, Bursa. * Dinler, Zeynel. Regional Economics. 8th Edition. Bursa: Ekin Kitabevi Publications, 2008. * Ünsal, E. 2010; Micro Economics, İmaj Publishing, Ankara |
| **Teaching Methods and Techniques** | Lecture, discussion |
| **Internship / Application** | None |

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| **COURSE NAME** | **COURSE CODE** | **SEMESTER** | **(Theoretical-Practice-Credit)** | **ECTS** |
| **Advanced Macroeconomic Theory I** | IKD613 | I. Semester | 3+0+3 | 5 |

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| **Teaching Level** | PhD |
| **Course Type** | Elective |
| **Classroom** | 1 |
| **Prerequisite** | None |
| **Recommended Courses** | None |
| **Weekly Course Hours** | 3 |
| **Duration** | 1 semester |
| **Instructor(s)** |  |
| **Examination** |  |
| **Evaluation Method and Passing Criteria** | Midterm exam 40%, Final exam 60% |
| **Learning Outcomes of the Course** | * Defines basic macroeconomic concepts. * Understands and evaluates the principles and structure of macroeconomic theory. * Formulate appropriate monetary and fiscal policies against economic instability. * Analyses current economic events and macroeconomic problems. * Uses models to show the effects of monetary and fiscal policies. * Explains the relationship between macroeconomic variables and outputs. * Discusses the differences and similarities between classical and Keynesian views. * Distinguish the differences between short and long run behaviour in economics. |
| **Course Delivery Format** | Face to face |
| **Course Objectives** | To teach how to analyse the state of an economy with the help of macroeconomic variables and models. To reinforce the microeconomics topics and models that can be used in the thesis. |
| **Course Content** | National accounting system, unemployment, inflation, consumption expenditures, investment expenditures, monetary and fiscal policies, macro models. |
| **Sources** | * Zeynel Dinler, Micro Economics / Zeynel Dinler / Ekin Basım Yayın ISBN: 9786055187699 * Erdal M. Ünsal, Makro İktisat, Murat Yayınları 2017, Edition 11, ISBN: 9789944668163 |
| **Teaching Methods and Techniques** | Lecture, discussion |
| **Internship / Application** | None |

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| **COURSE NAME** | **COURSE CODE** | **SEMESTER** | **(Theoretical-Practice-Credit)** | **ECTS** |
| **Economic Growth I** | IKD615 | I. Semester | 3+0+3 | 5 |

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| **Teaching Level** | PhD |
| **Course Type** | Elective |
| **Classroom** | 1 |
| **Prerequisite** | None |
| **Recommended Courses** | None |
| **Weekly Course Hours** | 3 |
| **Duration** | 1 semester |
| **Instructor(s)** | Prof. Dr. Lecturer. Prof. Dr Arif Güller |
| **Examination** |  |
| **Evaluation Method and Passing Criteria** | Midterm exam 40%, Final exam 60% |
| **Learning Outcomes of the Course** | * To be able to explain and evaluate economic concepts. * To be able to comprehend regional economic problems and develop solutions. * To be able to formulate and project regional economic problems by using economic theorem. * To be able to analyse regional growth and development problems. * To be able to interpret regional development differences, to develop ideas for reducing and eliminating these differences. |
| **Course Delivery Format** | Face to face |
| **Course Objectives** | To gain and improve the student's ability to access, evaluate and interpret information by doing scientific work. |
| **Course Content** | The concept of region, different types of  regions, development and regional development, regional development theories, regional planning, regional development differences, regional population movements, externalities, new industrial foci, learning documents, knowledge production/location factors, regional competition theory. |
| **Sources** | * Erdal M. ÜNSAL, Economic Growth, BB101 Publications,2016,Ankara * Erinç YELDAN, Economic Growth and Distribution Theories, Efil Publishing House, 2011,Ankara * Muhteşem Kaynak, Growth Theories, Gazi Kitabevi, 2015, Ankara * Muhteşem Kaynak, Development Economics, Gazi Kitabevi, 2014, Ankara |
| **Teaching Methods and Techniques** | Lecture, discussion |
| **Internship / Application** | None |

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| **COURSE NAME** | **COURSE CODE** | **SEMESTER** | **(Theoretical-Practice-Credit)** | **ECTS** |
| **Econometrics I** | IKD617 | I. Semester | 3+0+3 | 5 |

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| **Teaching Level** | PhD |
| **Course Type** | Elective |
| **Classroom** | 1 |
| **Prerequisite** | None |
| **Recommended Courses** | None |
| **Weekly Course Hours** | 3 |
| **Duration** | 1 semester |
| **Instructor(s)** | Assoc. Prof Burçak Polat |
| **Examination** |  |
| **Evaluation Method and Passing Criteria** | Midterm exam 40%, Final exam 60% |
| **Learning Outcomes of the Course** | Basic data analysis, simple regression, multiple regression estimation methods, multiple regression hypothesis testing, Least Squares Method Asymptotics, Functional form in regression analysis, Estimation and residual analysis, using the wrong functional form in regression analysis, data problems, changing variance, autocorrelation. |
| **Course Delivery Format** | Face to face |
| **Course Objectives** | Advanced Econometrics I aims to provide students with the basic theoretical and research skills necessary for empirical studies in economics and related fields. Therefore, students will be able to learn the fundamentals of econometric modelling techniques and how they are used in economics, finance and business. For this purpose, students will be encouraged to do projects. |
| **Course Content** | Data analysis, simple and multiple regression, Gauss-Markov assumptions, statistical tests and confidence intervals, least squares method, asymptotic distribution, data problems and model selection, variance and autocorrelation. |
| **Sources** | Wooldridge, J. M., Introductory Econometrics, Thomson, South-Western; Damodar N. Gujarati Dawn C. Porter; |
| **Teaching Methods and Techniques** | Lecture, discussion |
| **Internship / Application** | None |

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| **COURSE NAME** | **COURSE CODE** | **SEMESTER** | **(Theoretical-Practice-Credit)** | **ECTS** |
| **International Economics I** | IKD619 | I. Semester | 3+0+3 | 5 |

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| **Teaching Level** | PhD |
| **Course Type** | Elective |
| **Classroom** | 1 |
| **Prerequisite** | None |
| **Recommended Courses** | None |
| **Weekly Course Hours** | 3 |
| **Duration** | 1 semester |
| **Instructor(s)** | Prof. Dr. Lecturer. Prof. Dr Arif Güller |
| **Examination** |  |
| **Evaluation Method and Passing Criteria** | Midterm exam 40%, Final exam 60% |
| **Learning Outcomes of the Course** | * Students will have knowledge about the historical development of Turkey-EU relations. * The student is informed about the institutional structure established on the basis of the association legislation between Turkey and the EU. * The student has knowledge about the rights and obligations of the relations established by the association legislation between Turkey and the EU. * Students will be informed about the candidate status established between Turkey and the EU. * The student obtains information about dispute resolution in terms of Turkey-European Union partnership legislation. * The student learns the obligations that Turkey has to fulfil within the scope of membership candidacy. * The student learns about the harmonisation of Turkish law with the European Union law (midterm exam). The student learns the regulations of the Constitution of the Republic of Turkey regarding the transfer of sovereign powers to the European Union. * The student learns about the Accession Partnership Document (IPD). * The student learns the full membership negotiation process. |
| **Course Delivery Format** | Face to face |
| **Course Objectives** | The main aim of the course is to discuss and teach various issues related to the European Union. |
| **Course Content** | Economic Integration Theory, History, Common Policies, Monetary Union, Decision Making  Process, Organisational Structure, Budget, Relations with Non-Member States and Regions. |
| **Sources** | * Turkey-European Union Relations, Kamuran REÇBER. * Rıdvan KARLUK, EU and Turkey, Beta Basım Yayım Dağıtım A.Ş., 6th Edition, İstanbul, 2002. * Bomberg, E., Peterson, J., Stubb, A. 2008; The European Union: How does it work, Oxford University Press, England |
| **Teaching Methods and Techniques** | Lecture, discussion |
| **Internship / Application** | None |

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| **COURSE NAME** | **COURSE CODE** | **SEMESTER** | **(Theoretical-Practice-Credit)** | **ECTS** |
| **Political Economy I** | IKD621 | I. Semester | 3+0+3 | 5 |

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| **Teaching Level** | PhD |
| **Course Type** | Elective |
| **Classroom** | 1 |
| **Prerequisite** | None |
| **Recommended Courses** | None |
| **Weekly Course Hours** | 3 |
| **Duration** | 1 semester |
| **Instructor(s)** | Prof. Dr. Lecturer Member Adem AÇAR |
| **Examination** |  |
| **Evaluation Method and Passing Criteria** | Midterm exam 40%, Final exam 60% |
| **Learning Outcomes of the Course** | * Knows regional analysis and settlement theories. * Recognises the causes of regional and urban differentiation. * Evaluates regional development policies and practices. * Discusses urban structure and urbanisation phenomena. * Recognises the economic structure of Siirt province as comparative. |
| **Course Delivery Format** | Face to face |
| **Course Objectives** | To ensure the learning of the local shaping and realisation of development based on the real structuring of  economic activity on a spatial basis. |
| **Course Content** | * From Point Economy to Spatial Economy * Basic Analyses on Spatial Economy * Regional Development Theories 1 * Regional Development Theories 2 * Urban Development Approaches * General Socio-Economic Regional Development Theory * Differences of National-Regional-Urban Development * Differences of National-Regional-Urban Development * Actors of Local Development and Development Agencies * Local and Urban Networks * The Functioning of Economic Development in Local Networks * Local Technological Capacity * Learning Region - Learning City * Local/Regional Development Strategies * Local/Regional/Urban Development Policies in Turkey |
| **Sources** | * Zeynel Dinler, Regional Economics * Hüsnü Erkan, Socioeconomic Regional Development * Hüsnü Erkan, Information Society and Economic Development * E.S.Malecki, Technology and Economic Development |
| **Teaching Methods and Techniques** | Lecture, discussion |
| **Internship / Application** | None |

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| **COURSE NAME** | **COURSE CODE** | **SEMESTER** | **(Theoretical-Practice-Credit)** | **ECTS** |
| **Advanced Microeconomic Theory II** | IKD606 | Second Semester | 3+0+3 | 5 |

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| **Teaching Level** | PhD |
| **Course Type** | Elective |
| **Classroom** | 1 |
| **Prerequisite** | None |
| **Recommended Courses** | None |
| **Weekly Course Hours** | 3 |
| **Duration** | 1 semester |
| **Instructor(s)** | Assoc Prof Burçak Polat |
| **Examination** |  |
| **Evaluation Method and Passing Criteria** | Midterm exam 40%, Final exam 60% |
| **Learning Outcomes of the Course** | * General Evaluation of Neo-Classical Theory of the Firm * Pricing Models in Imperfect Competitive Environment I: Bain's Limit-Pricing Theory * Pricing Models under Imperfect Competition II: Contributions to the Theory of Limit Pricing * Firm Behaviour under Imperfect Competition: Baumol's Sales Revenue Maximisation Model * Firm Behaviour under Imperfect Competition: Marris's Business Management Initiative Model * Cyert and March's Behavioural Model. * Consumer Behaviour, Utility and Contributions to Consumer Theory * Production Function, Technological Development, Elasticity of Factor Substitution and Income Distribution * Imperfect Competition Conditions in Factor Markets; Functioning and Conditions of Different Labour Markets * Capital Structure, Cost of Capital and Investment Decision of the Firm * Firm Mergers in Oligopoly Environment: Horizontal and Vertical Mergers * Anatomy of Market Failures: Imperfect Competition Markets, Allocation Efficiency and X Inefficiency * Market Failures: Positive and Negative Externalities, Public Goods, Asymmetric Information * General Equilibrium and Welfare Theory * Intervention in Market Economy and Social Welfare |
| **Course Delivery Format** | Face to face |
| **Course Objectives** | The aim of this course is to improve students' knowledge of microeconomics and economic analysis techniques. |
| **Course Content** | * To be able to learn selected topics in modern microeconomic theory; * To be able to use microeconomic theory to analyse real life economic problems; * To be able to learn how mathematical methods are used to explain economic views; * To be able to explain the effect of different business objectives of the firm on price and output decisions; * To be able to examine consumer behaviour under different assumptions; * To be able to define production functions involving different technologies; * To be able to understand the situations where the free market fails to provide social efficiency; * To be able to understand the consequences of public interventions in the market; * To be able to conduct independent studies in the field of microeconomics; * To be able to write a review study on the main topics covered during the semester; |
| **Sources** | * Koutsoyiannis A., Modern Microeconomics (1997) (Trans. M. Sarimeşeli), Gazi Kitabevi, Ankara. * Snyder C. and W. Nicholson (2008) Microeconomic Theory Basic Principles and Extensions, Tenth Edition, Thomson South Western. * Mass-Colell A., M.D. Whinston and Jerry Green, Microeconomic Theory, Oxford Uni. Press, 1995. * Şahin, Hüseyin (2012) Micro Economics, Ezgi Kitabevi, Bursa. * Varian H. R. Intermediate Microeconomics, W.W. Norton Company, New York, 1992. * Pindyck R.S. and D. Rubenfield, Microeconomics, Sixth Edition, Pearson Education Int., Prentice Hall, New Jersey, 2005. |
| **Teaching Methods and Techniques** | Lecture, discussion |
| **Internship / Application** | None |

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| **COURSE NAME** | **COURSE CODE** | **SEMESTER** | **(Theoretical-Practice-Credit)** | **ECTS** |
| **Advanced Macroeconomic Theory II** | IKD608 | Second Semester | 3+0+3 | 5 |

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| **Teaching Level** | PhD |
| **Course Type** | Elective |
| **Classroom** | 1 |
| **Prerequisite** | None |
| **Recommended Courses** | None |
| **Weekly Course Hours** | 3 |
| **Duration** | 1 semester |
| **Instructor(s)** |  |
| **Examination** |  |
| **Evaluation Method and Passing Criteria** | Midterm exam 40%, Final exam 60% |
| **Learning Outcomes of the Course** | * Defines basic macroeconomic concepts. * Understands and evaluates the principles and structure of macroeconomic theory. * Formulate appropriate monetary and fiscal policies against economic instability. * Analyses current economic events and macroeconomic problems. * Uses models to show the effects of monetary and fiscal policies. * Explains the relationship between macroeconomic variables and outputs. * Discusses the differences and similarities between classical and Keynesian views. * Distinguish the differences between short and long run behaviour in economics. |
| **Course Delivery Format** | Face to face |
| **Course Objectives** | To teach how to analyse the state of an economy with the help of macroeconomic variables and models. To reinforce the microeconomics topics and models that can be used in the thesis. |
| **Course Content** | National accounting system, unemployment, inflation, consumption expenditures, investment expenditures, monetary and fiscal policies, macro models. |
| **Sources** | * Zeynel Dinler, Micro Economics / Zeynel Dinler / Ekin Basım Yayın ISBN: 9786055187699 * Erdal M. Ünsal, Makro İktisat, Murat Yayınları 2017, Edition 11, ISBN: 9789944668163 |
| **Teaching Methods and Techniques** | Lecture, discussion |
| **Internship / Application** | None |

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| **COURSE NAME** | **COURSE CODE** | **SEMESTER** | **(Theoretical-Practice-Credit)** | **ECTS** |
| **Economic Growth II** | IKD610 | Second Semester | 3+0+3 | 5 |

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| **Teaching Level** | PhD |
| **Course Type** | Elective |
| **Classroom** | 1 |
| **Prerequisite** | None |
| **Recommended Courses** | None |
| **Weekly Course Hours** | 3 |
| **Duration** | 1 semester |
| **Instructor(s)** | Prof. Dr. Lecturer. Prof. Dr Arif Güller |
| **Examination** |  |
| **Evaluation Method and Passing Criteria** | Midterm exam 40%, Final exam 60% |
| **Learning Outcomes of the Course** | * Have knowledge about the economic structure in the pre-Republican period. * Evaluates the developments in the historical process in the Turkish economy. * Analyses the relations between different periods in the Turkish economy. * Analyses the data related to the Turkish economy. * Interpret the economic policies implemented in Turkey. * Analyses the sectoral changes in the Turkish economy. * Compare the causes and consequences of the crises in Turkey. * Follows the developments in the Turkish economy. |
| **Course Delivery Format** | Face to face |
| **Course Objectives** | To analyse the historical and structural dynamics of the Turkish economy. |
| **Course Content** | * The economic legacy of the Ottoman Empire, the period of statist industrialisation. * Turkish economy during World War II, Turkish economy during 1950-1980. * 24 January decisions, Turkish economy in the period 1990-2000. |
| **Sources** | * Kepenek, Y. and Yentürk, N. 2004 Turkish Economy, Remzi Kitabevi, Istanbul. * Şahin, H. 2009 Turkish Economy, Ezgi Kitabevi, Bursa. * Boratav, K. 1998 Turkish Economic History, İmge Kitabevi, Ankara |
| **Teaching Methods and Techniques** | Lecture, discussion |
| **Internship / Application** | None |

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| **COURSE NAME** | **COURSE CODE** | **SEMESTER** | **(Theoretical-Practice-Credit)** | **ECTS** |
| **Econometrics II** | IKD612 | Second Semester | 3+0+3 | 5 |

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| **Teaching Level** | PhD |
| **Course Type** | Elective |
| **Classroom** | 1 |
| **Prerequisite** | None |
| **Recommended Courses** | None |
| **Weekly Course Hours** | 3 |
| **Duration** | 1 semester |
| **Instructor(s)** | Assoc. Prof Burçak Polat |
| **Examination** |  |
| **Evaluation Method and Passing Criteria** | Midterm exam 40%, Final exam 60% |
| **Learning Outcomes of the Course** | * Stationarity in regression, * Unit Root Tests, * Co-integration, * Error Correction Techniques, * Estimation and hypothesis testing in error correction models, * Granger causality test, * ARCH and GARCH models, * Estimation methods with Panel Data Model. |
| **Course Delivery Format** | Face to face |
| **Course Objectives** | The main objective of this course is to teach the statistical techniques of modern time series and panel data models. In order to teach these techniques, which are widely used in theses, articles and other scientific researches, students will be encouraged to make a project and work with a suitable package programme in order to learn the course practically. |
| **Course Content** | Dummy variable, Logit/Probit, Unit root concept and its application, cointegration techniques, error correction models, ARCH and GARCH techniques, panel econometrics techniques, causality analyses will be covered at advanced level. |
| **Sources** | * Wooldridge, J. M., Introductory Econometrics, Thomson, South-Western * Walter Enders, Applied Econometric Time Series, John Wiley & Sons Inc |
| **Teaching Methods and Techniques** | Lecture, discussion |
| **Internship / Application** | None |

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| **COURSE NAME** | **COURSE CODE** | **SEMESTER** | **(Theoretical-Practice-Credit)** | **ECTS** |
| **International Economics II** | IKD614 | Second Semester | 3+0+3 | 5 |

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| **Teaching Level** | PhD |
| **Course Type** | Elective |
| **Classroom** | 1 |
| **Prerequisite** | None |
| **Recommended Courses** | None |
| **Weekly Course Hours** | 3 |
| **Duration** | 1 semester |
| **Instructor(s)** | Prof. Dr. Lecturer. Prof. Dr Arif Güller |
| **Examination** |  |
| **Evaluation Method and Passing Criteria** | Midterm exam 40%, Final exam 60% |
| **Learning Outcomes of the Course** | * Defines the general concepts related to economic policy. * Analyses the objectives and instruments of economic policy. * Explains the general framework of economic schools. * Compares the policy proposals of macroeconomic schools. * Compares orthodox and heterodox stabilisation policies. * Evaluate and interpret the results of the applied economic policy. * Suggests alternative economic policies for economic problems. * Follows the current literature in the field of economic policy. |
| **Course Delivery Format** | Face to face |
| **Course Objectives** | To teach how to analyse economic policy objectives and implementation methods with the help of macro models. |
| **Course Content** | The relationship between politics and economic policy, economic theory and economic policy, basic elements of economic policy, objectives and tools of economic policy, economic policy and macroeconomic theories, stabilisation policies implemented in Turkey. |
| **Sources** | * Cuthbertson, K. 2000 Economic Policy, Bilim Teknik Publishing House. * Eğilmez, M. and Kumcu E., 2010 Economic Policy, Remzi Kitabevi, Bursa. |
| **Teaching Methods and Techniques** | Lecture, discussion |
| **Internship / Application** | None |

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| **COURSE NAME** | **COURSE CODE** | **SEMESTER** | **(Theoretical-Practice-Credit)** | **ECTS** |
| **Political Economy II** | IKD616 | Second Semester | 3+0+3 | 5 |

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| **Teaching Level** | PhD |
| **Course Type** | Elective |
| **Classroom** | 1 |
| **Prerequisite** | None |
| **Recommended Courses** | None |
| **Weekly Course Hours** | 3 |
| **Duration** | 1 semester |
| **Instructor(s)** | Prof. Dr. Lecturer Member Adem AÇAR |
| **Examination** |  |
| **Evaluation Method and Passing Criteria** | Midterm exam 40%, Final exam 60% |
| **Learning Outcomes of the Course** | * Understanding the Basic Logic of Intellectual and Industrial Property * To be able to analyse the historical development process of intellectual and industrial property * To be able to evaluate the relationship/effect of industrial property between economic growth and development and competition * To be able to evaluate the Industrial Property Approach of Developed and Developing Countries in terms of Development Perspective * To be able to develop a perspective between the management of industrial property, its importance in the global economy and the national innovation system |
| **Course Delivery Format** | Face to face |
| **Course Objectives** | With information being the most important production factor in the global economy, the protection of intellectual property has become indispensable for technological development. Innovation, inventions/patents, strong brands and original designs have become the most important factors of a  country's economic growth and development. An effective industrial property system protects and encourages innovations, accelerates technological development, provides an advantage in settlement competition, positively affects foreign investors' decision to invest in the country and accelerates the establishment of innovation/technology-based industry. Industrial Property Rights are defined as patents, utility models, trademarks, industrial designs, geographical indications (origin and place of origin signs), integrated circuit topographies. |
| **Course Content** | * Relevance of Innovation and Industrial Property to Other Fields. * The Theoretical Framework of Innovation and Industrial Property. * Justifications of the Concept of Intellectual and Industrial Property. * Historical Development of Intellectual and Industrial Property, Turkish Industrial Property System. * International Agreements. * Protection Criteria and Structural Bases in Intellectual Products. * Copyright, Importance and Characteristics.Patent, Invention, Innovation and Protection Concepts. * Patent System and Criteria.Patent Theories and Strategies. * Utility Model, Patent Utility Model Relationship and Economic Importance of Utility Model. * Brand Concept, Functions and Characteristics of Brand. * The Concept of Design, Its Importance and the Relationship Between Design and Other Industrial Property. * Geographical Indications and Economic Importance. * Integrated Circuit Topographies, New Plant Varieties and Economic Dimension |
| **Sources** | * TEKİNALP, Ünal; Intellectual Property Law, 5th Edition, January 2012; * PINAR, Hamdi, The Importance of Intellectual Property Rights in International Competition and Turkey, Istanbul Chamber of Commerce Publication, 2004; * State Planning Organisation, Intellectual Property Special Expertise Commission Report, Ankara, 2007 |
| **Teaching Methods and Techniques** | Lecture, discussion |
| **Internship / Application** | None |

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| **COURSE NAME** | **COURSE CODE** | **SEMESTER** | **(Theoretical-Practice-Credit)** | **ECTS** |
| **Public Policy Analysis** | IKD618 | Second Semester | 3+0+3 | 5 |

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| **Teaching Level** | PhD |
| **Course Type** | Elective |
| **Classroom** | 1 |
| **Prerequisite** | None |
| **Recommended Courses** | None |
| **Weekly Course Hours** | 3 |
| **Duration** | 1 semester |
| **Instructor(s)** |  |
| **Examination** |  |
| **Evaluation Method and Passing Criteria** | Midterm exam 40%, Final exam 60% |
| **Learning Outcomes of the Course** | * Economic growth and development in Middle Eastern countries * Development theories for Middle Eastern countries * Human capital, social capital, natural resources, corruption, democracy, brain drain, transnational corporations, foreign aid and borrowing, savings and capital accumulation * Effects of monetary and fiscal policies on development |
| **Course Delivery Format** | Face to face |
| **Course Objectives** | Middle Eastern countries have common advantages and disadvantages in terms of economic development. It is aimed to ensure that the student knows and analyses the regional outlook of the factors affecting growth and development such as relatively young population, dependence on natural resources, forms of governance and governance problems, political stability (instability). |
| **Course Content** | The concepts of economic growth and development in Middle Eastern countries will be emphasised, development theories will be discussed; human capital, social capital, natural resources, corruption, democracy, brain drain, transnational corporations, foreign aid and borrowing, savings and capital accumulation will be discussed in the context of development and the effects of monetary and fiscal policies on development will be examined. |
| **Sources** | * Kar, Muhsin and Sami Taban (2005), The Role of Social, Cultural and Political Factors in Economic Development, Bursa: Ekin * Devlin, Julia C. (2010) Chaleges of Economic Development in the Middle East and North Africa Region, World Scientific Studies in International Economics Vol. 8, World Scientific |
| **Teaching Methods and Techniques** | Lecture, discussion |
| **Internship / Application** | None |

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| **COURSE NAME** | **COURSE CODE** | **SEMESTER** | **(Theoretical-Practice-Credit)** | **ECTS** |
| **Industrial Organisation** | IKD707 | III. Semester | 3+0+3 | 5 |

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| **Teaching Level** | PhD |
| **Course Type** | Elective |
| **Classroom** | 2 |
| **Prerequisite** | None |
| **Recommended Courses** | None |
| **Weekly Course Hours** | 3 |
| **Duration** | 1 semester |
| **Instructor(s)** | Assoc. Prof Burçak Polat |
| **Examination** |  |
| **Evaluation Method and Passing Criteria** | Midterm exam 40%, Final exam 60% |
| **Learning Outcomes of the Course** | * Oligopoly Theory, Cournot and Bertrand Oligopoly Theories, Comparison of Both Models * Hotelling Model and Investigation of Models Combining Price and Quantity * Introduction to Game Theory, Nash Equilibrium, Simultaneous and Full Information Games, Sequential Games, Mixed Strategy * Games with Incomplete Information, Signalling Games, Games between Noble Regent, Two Stage Games * Potential Competition and Prevention of Market Entry, Contestable Markets, Strategic Market Entry Barriers * Market Structure and Sunk Cost * Product Differentiation * Different Price Application * Law and Competition * Mergers and Acquisitions * Market Regulations and Monopoly * Privatisation * Advertisement Expenditure * Research and Development |
| **Course Delivery Format** | Face to face |
| **Course Objectives** | The objective of this course is to apply basic economic analysis to the study of competition among firms in oligopoly markets and the structure of these markets. In recent years, applications of game theory have facilitated the use of new methods for analysing oligopoly markets and have provided solutions to long-standing empirical questions. In this sense, this course provides a very good opportunity to see how economic analysis works in practice. Another objective is to analyse why firms merge, the nature of market power, the relationship between firms and how this relationship affects economic performance in terms of profits, technical progress and welfare. In addition, the course aims to provide an understanding of competition law. |
| **Course Content** | There are two extreme examples that are taught to us as basic economics knowledge. These are perfect competition and monopoly markets. It is not possible to see both markets in real economic life. Perfect competition is reached with certain assumptions. Monopoly is an undesirable situation. On the other hand, the majority of real economic life consists of oligopoly markets. The content of this course is to examine the formation of these markets and the structure of competition in these markets. For this, it primarily utilises game theory. Contestable markets, potential competition and barriers to entry, market structure and sunk cost, product differentiation, price discrimination, law and competition, mergers and acquisitions, market regulation and privatisation, advertising and research and development expenditures. |
| **Sources** | * Jean. Tirole, The Theory of Industrial Organization, MIT Press, 1998. * F. M. Scherer and D. Ross, Industrial Market Structure and Economic Performance, Houghton Mifflin, Boston 1990 (A less advanced text, with discussion of empirical work and policy issues). * Davies at all, Economics of Industrial Organisation, Longmans, 1988. * M. Waterson, Economic Theory of the Industry, Cambridge University Press, 1994. * R. Gibbons, Game Theory: A Primer, Wheat sheaf, 1991. (Useful book on game theory) * Roy Gardner, Games for Business and Economics, John Wiley & Sons, 1995. * A. Dixit and B. Nalebuff, Thinking Strategically: The Competitive Edge in Business, Politics and Everyday Life, Norton Press, 1991 (non-technical and fun) |
| **Teaching Methods and Techniques** | Lecture, discussion |
| **Internship / Application** | None |

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| **COURSE NAME** | **COURSE CODE** | **SEMESTER** | **(Theoretical-Practice-Credit)** | **ECTS** |
| **Monetary Theory and Policy** | IKD709 | III. Semester | 3+0+3 | 5 |

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| **Teaching Level** | PhD |
| **Course Type** | Elective |
| **Classroom** | 2 |
| **Prerequisite** | None |
| **Recommended Courses** | None |
| **Weekly Course Hours** | 3 |
| **Duration** | 1 semester |
| **Instructor(s)** |  |
| **Examination** |  |
| **Evaluation Method and Passing Criteria** | Midterm exam 40%, Final exam 60% |
| **Learning Outcomes of the Course** | * They will learn the recent developments in the Turkish economy. * Will be able to analyse the current problems of the Turkish economy from different perspectives. * Analyse current economic data. * will be able to evaluate current economic policies. * will be able to compare the Turkish economy with other economies. |
| **Course Delivery Format** | Face to face |
| **Course Objectives** | Understanding, interpreting and evaluating current economics |
| **Course Content** | Recent developments in the Turkish economy, current economic problems and their interpretation |
| **Sources** | * Islatince, H. 2013 Economic Systems, Ekin Basım Yayın Dağıtım, Bursa. * Şahin, H. 2007; Turkish Economy, Ezgi Kitabevi, Bursa. |
| **Teaching Methods and Techniques** | Lecture, discussion |
| **Internship / Application** | None |

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| **COURSE NAME** | **COURSE CODE** | **SEMESTER** | **(Theoretical-Practice-Credit)** | **ECTS** |
| **Advanced Mathematical Economics** | IKD711 | III. Semester | 3+0+3 | 5 |

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| **Teaching Level** | PhD |
| **Course Type** | Elective |
| **Classroom** | 2 |
| **Prerequisite** | None |
| **Recommended Courses** | None |
| **Weekly Course Hours** | 3 |
| **Duration** | 1 semester |
| **Instructor(s)** |  |
| **Examination** |  |
| **Evaluation Method and Passing Criteria** | Midterm exam 40%, Final exam 60% |
| **Learning Outcomes of the Course** | * Uses mathematical tools. * Explains economic models mathematically. * Analyses the mathematics of equilibrium and economic applications. * Knows slope, derivative and differential. * Analyses optimization and limited optimization issues. * Compare the differences between optimisation and limited optimisation. * Interpret the differences between static and dynamic analysis. * Analyses input output economics using matrix algebra. |
| **Course Delivery Format** | Face to face |
| **Course Objectives** | To teach the basic tools of mathematical approaches used in economic analyses and to relate these tools to different economic problems. |
| **Course Content** | Equilibrium analysis in economics, linear models and matrix mathematics, static analysis, comparative static analysis, construction and analysis of optimisation problems, dynamic analysis |
| **Sources** | * Chiang, A. C. and Kevin W. 2005 Fundamentals of Mathematical Economics, Trans. Muzaffer Sarımeşeli and Şenay Açıkgöz, Gazi Kitabevi, Ankara. * Pekkaya, M. 2009 General Mathematics for Business and Economics, Ekin Publishing House, Bursa. |
| **Teaching Methods and Techniques** | Lecture, discussion |
| **Internship / Application** | None |

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| **COURSE NAME** | **COURSE CODE** | **SEMESTER** | **(Theoretical-Practice-Credit)** | **ECTS** |
| **Game Theory** | IKD713 | III. Semester | 3+0+3 | 5 |

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| **Teaching Level** | PhD |
| **Course Type** | Elective |
| **Classroom** | 2 |
| **Prerequisite** | None |
| **Recommended Courses** | None |
| **Weekly Course Hours** | 5 |
| **Duration** | 1 semester |
| **Instructor(s)** | Prof. Dr Arzdar Kiracı |
| **Examination** |  |
| **Evaluation Method and Passing Criteria** | Midterm exam 40%, Final exam 60% |
| **Learning Outcomes of the Course** | * Defines the basic concepts of game theory. * Understands how Nash Equilibrium is realised. * It finds the ideal balance in games such as Prisoners' Dilemma. * Compares static and dynamic games. * Gain the ability to reach the right decisions according to the behaviour of their competitors. * Gains the ability to think strategically. * Learns how game theory can be applied in areas other than economics. * Interpret the results of the application of game theory in economics. |
| **Course Delivery Format** | Face to face |
| **Course Objectives** | To teach how to determine optimal strategies for a given or confronted situation. |
| **Course Content** | General concepts, normal form games, Nash equilibrium, strategic form games, expanding form games, repeated games, bargaining theory, application. |
| **Sources** | * Osborne, M. J. 2004; An Introduction to Game Theory, Oxford University Press, USA. * Gibbons, R. 1992; Game Theory for Applied Economists, Princeton University Press, USA. * Yılmaz, E. 2009; Game Theory, Literatür Publishing. |
| **Teaching Methods and Techniques** | Lecture, discussion |
| **Internship / Application** | None |

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| **COURSE NAME** | **COURSE CODE** | **SEMESTER** | **(Theoretical-Practice-Credit)** | **ECTS** |
| **Computerised Econometrics Applications** | IKD715 | III. Semester | 3+0+3 | 5 |

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| **Teaching Level** | PhD |
| **Course Type** | Elective |
| **Classroom** | 2 |
| **Prerequisite** | None |
| **Recommended Courses** | None |
| **Weekly Course Hours** | 3 |
| **Duration** | 1 semester |
| **Instructor(s)** |  |
| **Examination** |  |
| **Evaluation Method and Passing Criteria** | Midterm exam 40%, Final exam 60% |
| **Learning Outcomes of the Course** | * Uses mathematical tools. * Explains economic models mathematically. * Analyses the mathematics of equilibrium and economic applications. * Knows slope, derivative and differential. * Analyses optimization and limited optimization issues. * Compare the differences between optimisation and limited optimisation. * Interpret the differences between static and dynamic analysis. * Analyses input output economics using matrix method. |
| **Course Delivery Format** | Face to face |
| **Course Objectives** | To teach the basic tools of mathematical approaches used in economic analyses and to relate these tools to different economic problems. |
| **Course Content** | Equilibrium analysis in economics, linear models and matrix mathematics, static analysis, comparative static analysis, construction and analysis of optimisation problems, dynamic analysis. |
| **Sources** | * Chiang, A. C. and Kevin W. 2005 Fundamentals of Mathematical Economics, Trans. Muzaffer Sarımeşeli and Şenay Açıkgöz, Gazi Kitabevi, Ankara. * Pekkaya, M. 2009 General Mathematics for Business and Economics, Ekin Publishing House, Bursa. |
| **Teaching Methods and Techniques** | Lecture, discussion |
| **Internship / Application** | None |

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| **COURSE NAME** | **COURSE CODE** | **SEMESTER** | **(Theoretical-Practice-Credit)** | **ECTS** |
| **Macroeconomic Modelling** | IKD717 | III. Semester | 3+0+3 | 5 |

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| **Teaching Level** | PhD |
| **Course Type** | Elective |
| **Classroom** | 2 |
| **Prerequisite** | None |
| **Recommended Courses** | None |
| **Weekly Course Hours** | 3 |
| **Duration** | 1 semester |
| **Instructor(s)** |  |
| **Examination** |  |
| **Evaluation Method and Passing Criteria** | Midterm exam 40%, Final exam 60% |
| **Learning Outcomes of the Course** | * Defines basic macroeconomic concepts. * Understands and evaluates the principles and structure of macroeconomic theory. * Formulate appropriate monetary and fiscal policies against economic instability. * Analyses current economic events and macroeconomic problems. * Uses models to show the effects of monetary and fiscal policies. * Explains the relationship between macroeconomic variables and outputs. * Discusses the differences and similarities between classical and Keynesian views. * Distinguish the differences between short and long run behaviour in economics. |
| **Course Delivery Format** | Face to face |
| **Course Objectives** | To teach how to analyse the state of an economy with the help of macroeconomic variables and models. To  reinforce the microeconomics topics and models that can be used in the thesis. |
| **Course Content** | National accounting system, unemployment, inflation, consumption expenditures, investment expenditures, monetary and fiscal policies, macro models. |
| **Sources** | * Zeynel Dinler, Micro Economics / Zeynel Dinler / Ekin Basım Yayın ISBN: 9786055187699 * Erdal M. Ünsal, Makro İktisat, Murat Yayınları 2017, Edition 11, ISBN: 9789944668163 |
| **Teaching Methods and Techniques** | Lecture, discussion |
| **Internship / Application** | None |

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| **COURSE NAME** | **COURSE CODE** | **SEMESTER** | **(Theoretical-Practice-Credit)** | **ECTS** |
| **Public Preferences Analysis** | IKD719 | III. Semester | 3+0+3 | 5 |

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| **Teaching Level** | PhD |
| **Course Type** | Elective |
| **Classroom** | 2 |
| **Prerequisite** | None |
| **Recommended Courses** | None |
| **Weekly Course Hours** | 3 |
| **Duration** | 1 semester |
| **Instructor(s)** |  |
| **Examination** |  |
| **Evaluation Method and Passing Criteria** | Midterm exam 40%, Final exam 60% |
| **Learning Outcomes of the Course** | * Defines the basic concepts of game theory. * Understands how Nash Equilibrium is realised. * It finds the ideal balance in games such as Prisoners' Dilemma. * Compares static and dynamic games. * Gain the ability to reach the right decisions according to the behaviour of their competitors. * Gains the ability to think strategically. * Learns how game theory can be applied in areas other than economics. * Interpret the results of the application of game theory in economics. |
| **Course Delivery Format** | Face to face |
| **Course Objectives** | To teach how to determine optimal strategies for a given or confronted situation. |
| **Course Content** | General concepts, normal form games, Nash equilibrium, strategic form games, expanding form games, repeated games, bargaining theory, application. |
| **Sources** | * Osborne, M. J. 2004; An Introduction to Game Theory, Oxford University Press, USA. * Gibbons, R. 1992; Game Theory for Applied Economists, Princeton University Press, USA. * Yılmaz, E. 2009; Game Theory, Literatür Publishing. |
| **Teaching Methods and Techniques** | Lecture, discussion |
| **Internship / Application** | None |