COURSE CONTENT TAKEN

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CIP101:Civic Involvement Projects I
These are team projects that require volunteer work of the individuals with a civic organization. Students choose themselves a particular issue and a related project that they would like to work for. Passing the course depends on the dynamics of the projects and the evaluation of the supervisor students of the projects together with the approval of the Project Coordinator.

CS201:Introduction to Computing
This course is intended to introduce students to the field of computing (basic computer organization, data representation, concepts, algorithmic thinking and problem solving), as well as giving them intermediate level programming abilities in an object-oriented programming language (currently C++). Also part of the "core course" pools for the CS, BIO, MAT, ME, EL, TE, MS degree programs.

CS204:Advanced Programming
This course is intended to give advanced programming techniques, as well as further experience in programming. Topics covered will be: advanced object-oriented programming techniques and programming with classes (function overloading, templated classes, inheritance), pointers, linked lists, stacks, queues, debugging and profiling, reusable software (using/creating libraries), visual/GUI programming, exception handling (SW interrupts), multi-threaded programming and synchronization.

CS210:Introduction to Data Science
Data science spans a large variety of disciplines and requires a collection of skills. This course is intended to tour the basic techniques of data science from manipulation and summarizing the important characteristics of a data set, basic statistical modeling, web programming and visualization. The assignments and term project will involve Python, JavaScript languages and open source tools such as R.

CS300:Data Structures
This course covers some of the fundamental data structures as well as the algorithms operating on them. Topics included are: Introduction to theoretical aspects of computing: modeling algorithms and their run times, computational complexity. Linear data structures (lists, stacks, queues) trees (tries, binary search trees, AVL trees, treetraversals), hashing and hash tables, graphs and their representations, graph algorithms (depth first and breadth first search, single source shortest path algorithms), sorting algorithmic paradigms (divide and conquer, greedy, dynamic programming).

CS303:Logic and Digital System Design
Number systems and conversion, boolean algebra, the assetion level concept; minterm and maxterm expensions, Karnaugh maps,and Quine McCluskey minimization, combinatorial logic circuit design, NAND and NOR gate based design. State machines and sequential circuits flip-flops, minimization of state tables, state assignment. Higher level digital system desin using SSI-MSI blocks such multiplexers/decoders, adders, memory and programmable . gate arrays;bus oriented systems. Asynchronous sequential circuits, flow tables, timing hazards.

CS307:Operating Systems
This course covers fundamental aspects of operating systems: management of resources such as CPU, memory space and peripheral devices. Topics include concurrent processes, mutual exclusion, process communication, cooperation, deadlocks, semaphores, scheduling, and and protection. The course will also highlight important aspects of operating systems such as UNIX, Windows, etc.

CS408:Computer Networks
This course is an introduction computer networks. Topics include network architectures, local and wide-area networks, network technologies and topologies; data link, network, and transport protocols, point-to-point and broadcast networks; routing, addressing, naming, multicasting, switching, internetworking congestion/flow/error control, quality of service, and network security.

EE200:Electronic Circuit Implementations
In the first module, Basic Circuit Experiments such as Thevenin Equivalent Circuits, RC and RL first order circuits, Resonance Circuits/Higher order filters, Operational Amplifier Circuit, and basic radio circuit with the use of opamp, diode and RLC circuits. In the second module, DC, small-signal and frequency models of semiconductor devices such as PN diodes, BJT and MOSFETs will be included. Using these models, different circuit implementation will be executed, such as Wave Shaping Circuits (with diodes, op-amps, passives and integral/differentiator circuits), Different Configuration of Single/Multi Stage Amplifiers (CE, CC, DB, and combination of these as multistage amp., CS, CD, CG, and combinations), Oscillators (with BJTs and feedback concepts), etc. Analytical design methodologies, along with CAD tools (such as PSPICE), will also be part of the course for designing and implementing circuits.

EE202:Electronic Circuits II
Concepts of basic semiconductor devices (PN junctions, MOSFETs and BJTs);design of DC bias circuits; DC/AC models of semiconductor devices; Frequency response, small/large-signal analysis of devices/circuits;single-stage, multistage and differential amplifiers; feedback and stability concepts in amplifiers; the use of CAD tools (e.g., Multisim/Pspice) in circuit design and analysis;the use of lab tools/equipments for designing and testing of dc operating points and frequency response of devices, single-and multistage amplifiers.

EE417:Computer Vision
Introduction to Computer Vision, Human Visual System, Image Formation, Pointwise Image Operations, Image Intensity Transformations, Geometric/Coordinate Transforms, Interpolation, Image Neighborhood Operations, Spatial Filtering, Edge Detection, Feature Extraction, Principal Component Analysis and Applications, Morphological Image Processing, Basic Segmentation, Thresholding techniques, Motion/Dynamic Scenes, Color and texture, Object/Shape Modeling / Recognition

COURSE CONTENT TAKEN

ENG101:Freshman English I
For all students who have passed their Language Assessment Exam, ENG 101 provides advanced communicative, critical analysis and study skills focusing primarily on the development of academic speaking and writing. Beyond maintaining a high level of spoken communication, the oral presentation component of the course emphasizes content, delivery and accuracy through the use of video and related technologies. Within the writing component, students are required to undertake research projects utilizing the latest available information technology for putting together proper papers. Intensive personalized tutorial sessions with instructors and peer groups, in which students receive specific assistance in all aspects of their individual needs, are the foundation of the English 101 course.

ENG102:Freshman English II
The aim of the ENG 102 course is to provide more specific preparation to students for their sophomore year.The course continues to build upon and expand the communicative, critical analysis and study skills developed over the first semester.In addition to the oral presentation and written exposition components ,a greater emphasis is placed on the need to effectively and efficiently approach and analyze lengthy academic texts.The latest information technology is utilized in and out of the classroom in all phases of the learning process.Completing this course enhances students ability to succeed in their academic careers and to become proficient English language communicators in general. Successful completion of this course rounds out the language skills students will need for sustained academic achievement in their undergraduate studies.

ENS203:Electronic Circuits I
Passive components, basic circuit analysis, first order circuits, transient and steady state analysis, second order RLC circuits, resonance, amplifier fundamentals, operational amplifiers, introduction to diodes and transistors. Prerequisite for EL 202

ENS204:Mechanics
Fundamental concepts and principles of mechanics leading to the understanding of structures at different length scales, ranging from buildings, bridges, dams to molecules and small particles. Equilibrium of particles and rigid bodies; centroids and centers of gravity; analysis of forces in buildings, machines, nanostructures and molecules; friction; mechanics of deformable bodies; stress,strain; behavior and strength of materials under tension, compression, bending and torsion. Case studies on the design of engineering and naturel structures. Also part of the "core course" pools for the MAT, ME,TE degree programs.

ENS205:Introduction to Materials Science
Classifications of materials; atomic structure and interatomic bonding; the structure of crystalline solids; imperfections in solids; diffusion; mechanical properties of metals; dislocations in metals; failure; phase daigrams; phase transformations and alteration of mechanical properties; alloys; structures and properties of ceramics; polymer structures, their applications and processing; composites; corrosion; electrical, thermal, magnetic and optical properties; case studies in materials selection. Also part o fthe "core course" pools for the BIO, MAT, ME degree programs.

ENS206:Systems Modeling and Control
Examples of physical and abstract systems and their mathematical models. Classification of dynamic system models linearity and time invariance ; finite state discrete event systems. Tools of analysis for linear systems : transform techniques, input-output analysis, block diagrams, frequency response representation. Introduction to stability and closed loop system design. Introduction to supervisory control for discrete event systems.

ENS207:Introduction to Energy Systems
The scope of this course includes fundamentals of energy systems, which are the subject of political and scientific interest in recent years. Students will learn the fundamental principles that are used in the analysis of energy systems. Specifically selected topics from thermodynamics, fluid mechanics and heat transfer will be subjects of this course. Particular topics include but not limited or exclusive to: conservation of mass, momentum and energy, control volumes and control surfaces, the second law of thermodynamıcs, entropy, heat engines, internal and external flows, conduction, convection and radiation heat transfer.

ENS209:Introduction to Computer Aided Drafting and Solid Modeling
ENS 209 is concerned with the basic and important principles in computer-aided drafting and design (CADD), and 3D solid modeling. Based on an understanding of engineering drawing, the course will further introduce the use of computers for 2D drafting and 3D solid modeling. Topics include: engineering drawing, tolerances, computer-aided technical drafting and design, geometric models and data structures, representation and manipulation of curves and surfaces and 3D solid modeling, and assembly modeling and analysis.

ENS315:Energy
A one-semester introduction, focusing on a central concept: energy, energy sources, and the environment. Gives students the necessary physics background to form opinions on energy questions. The physical laws of thermodynamics, electricity, and magnetism, and nuclear physics in connection with energy related topics such as: thermal pollution, fossil power, fission and fusion, nuclear power, and solar power. Economic and environmental impacts.

ENS491:Graduation Project (Design)
All students in FENS faculty are required to complete a graduation project as a part of ENS 491 and ENS 492 course requirements. In these multidisciplinary projects, students will have the opportunity to apply and develop their knowledge in the area of their specialization in a team environment. ENS 491 will involve general lectures on engineering project development such as: product planning, project management, establishing product specifications, product metrics, cost analysis, concept generation, concept selection and testing, reliability, optimization, computer aided design and manufacturing, prototyping etc. Students will implement their designs in ENS 492. Students will be required to submit progress reports, and seperate final reports for ENS 491 and ENS 492

ENS492:Graduation Project (Implementation)
All students in FENS faculty are required to complete a graduation project as a part of ENS 491 and ENS 492 course requirements. In these multidisciplinary projects, students will have the opportunity to apply and develop their knowledge in the area of their specialization in a team environment. ENS 491 will involve general lectures on engineering project development such as: product planning, project management, establishing product specifications, product metrics, cost analysis, concept generation, concept selection and testing, reliability, optimization, computer aided design and manufacturing, prototyping etc. Students will implement their designs in ENS 492. Students will be required to submit progress reports, and seperate final reports for ENS 491 and ENS 492

HIST191:Principles of Atatürk and the History of the Turkish Revolution I
This basic, comprehensive survey of the politics, economics and sociology of Turkish modernization begins with a review of the pressures building up on the Ottoman Empire, and the recurring confrontations between the conservative and the reform-minded wings of the ruling elite, through the 17th and 18th centuries, dovetailing into the challenges confronting the porte under Selim III and Mahmud II. The long drawn-out tragedy of the Turkish 19th century, comprising: a context of continuing retreat and territorial contraction, as well as of deepening despair, summed up as a non-colonial pattern of incorporation; the complicated relationships between the Great Powers and the various Balkan nationalisms; the initial introduction and the subsequent expansion of modernization agendas from the top down; the interplay of political and economic factors, and of local vs international forces, in the major crises of the 1830s, the 1850s, and the 1870s; the course of restructuring in the legal, administrative, educational, fiscal and economic spheres; the ancien régime complexity set up by Tanzimat dualisms; the Ottomans' ambition to modernize and to be recognized as modern (and hence of being admitted into the Concert of Europe); the gradual emergence of a state of law, and the replacement of the First Constitution's abortive liberalism by the resurgent authoritarianism of the Hamidian era.

HIST192:Principles of Atatürk and the History of the Turkish Revolution II
The"revolution vs empire"dilemna faced by the Young Turks in 1908 ,continuing into:the intellectual ferment of the first two decades of the century ;the impact of the Balkan Wars and of Gallipoli on Turkish nationalism; the beginnings of an Anatolia -oriented populism;the fatique and despair of 1918-19 ,and the call to mobilize for one last struggle ;the forging of a new leadership and of a program of resistance ; and the role of local and national elements in the grand alliance for independence.From 1923 onwards,attention shifts to : economic reconstruction; the "smashing the idols" refoms of the 1920s and early 30s;education,history, archeology,folklore,and the construction of a new national identity;the Great Depression and the shift to a more statist economic policy; the difficulties of the war years; and the 1946-50 transition to parliamentary pluralism.In conclusion ,the course raises some broad analytical questions : the Kemalist revolution in comparative perspective; the emergence and development of a "catching up agenda" in a non -colonial context;the pragmatism and empiricism of Kemalism contrasted with other (later)examples of national developmentalism; the prospects for Turkish democracy on the threshold of the 21st century.

HUM204:Major Works of Classical Music
An initial inquiry into the post-Renaissance emergence and development of polyphonic music in Europe, including a sampling of works from the Baroque (Bach), Classical (Haydn, Mozart, Beethoven), Romantic (Liszt, Chopin, Schumann), or Romantic-Nationalist (Berlioz, Wagner, Verdi) styles or periods. Based on a combination of readings and lectures on the overall historical context surrounding each composer's individual lifetime and output, with intensive listenings and musical analysis of the compositions concerned. Intended to develop a sense of music appreciation covering both the social, political, cultural, religious, and literary backgrounds or connections of great music, as well as its internal conditions and requirements (vis-à-vis notation, instruments, orchestras, performance skills and methods of composition). In addition to the existing pre-requisite " to have completed 23 credits" for this course , a new condition will be added as "to complete SPS 101 and SPS 102 courses at least with D grade" as of the Fall semester of 2015-2016 Academic Year. Students who failed from SPS 101 and SPS 102 courses, do not have right to take this course.

IE309:Manufacturing Processes I
Overview of modern manufacturing technology; introduction to manufacturing processes, inspection methods and quality; materials and their manufacturing characteristics; description of various conventional and applications in industry: casting, metal forming, forging, extrusion, rolling, joining and welding, EDM, ECM, laser machining, abrasive flow processes; machining processes: turning, milling, drilling, broaching etc., abrasive machining processes. Lab demonstrations and plant tours.

MATH101:Calculus I
Basic functions; their properties and applications to modeling. Rate of change, limit, derivative and linear approximation. Computational techniques. Local and global extrema. Applications to optimization problems. The definite integral. Antiderivatives and the Fundamental Theorem of Calculus. Integration techniques. Improper integrals. Applications.

MATH102:Calculus II
Sequences and series. Power series. Taylor polynomials, Taylor series and approximation. Visualizing functions of several variables; graphs and contour diagrams. Vectors. Differentation in several variables; partial and directional derivatives. Linear and quadratic approxiamtion. Classification of local extrema. Optimization, Lagrange Multipliers. Integration in several variables. Iterated integrals. Change of variables; polar, cylindrical and spherical coordinates.

MATH201:Linear Algebra
Systems of linear equations; Gaussian elimination. Vector spaces, subspaces, linear, independence, dimension, change of basic. Linear transformations. Inner product, orthogonality. Eigenvalues. Diagonalization and canonical forms. Cayley-Hamilton theorem.

MATH202:Differential Equations
First-order differential equations and solution methods. Direction fields, qualitative methods, numerical approximations. Higher-order linear differential equations. Linear ayatems. Nonlinear systems, asymptotic behaviour of solutions. Laplace transform. Also part of the "core course" pools for the BIO, MAT, ME, EL, TE, MS degree programs.

COURSE CONTENT TAKEN

MATH203:Introduction to Probability
Counting techniques, combinatorial methods, random experiments, sample spaces, events, probability axioms, some rules of probability, conditional probability, independence, Bayes' theorem, random variables (r.v.'s), probability distributions, discrete and continuous r.v.'s, probability density functions, multivariate distributions, marginal and conditional distributions, expected values, moments, Chebyshev's theorem, product moments, moments of linear combinations of r.v.'s, special discrete distributions, uniform, Bernouilli, binomial, negative binomial, geometric, hypergeoemtric and Poisson distributions, special probability densities, uniform, gamma, exponential and normal densities, normal approximation to binomial, distribution of functions of r.v.'s, distribution function and moment-generating function techniques, distribution of the mean, law of large numbers, the central limit theorem.

MATH204:Discrete Mathematics
Introduction to combinatorial problems and techniques. Sets, relations and functions. Graphs, trees, matching, network flows. Counting techniques. Recurrence relations and generating functions. Combinatorial circuits and finite state machines. Also part of the "core course" pools for the CS, MS,TE degree programs.

ME301:Mechanical Systems I
This course introduces fundamentals of mechanical systems analysis and design. Specific topics include: preliminary design and analysis of mechanical systems; machine elements and their functions; force and life analysis of mechanical systems;basic design of mechanical systems for stability stress and deflections. and deflections.

ME303:Control System Design
This courses introduces fundamental approaches to control system design. Specific topics include: cascade compensation networks; design in frequency domain; design using the Root Locus; systems with a prefilter; design of state variable feedback systems; controllability; observability; pole placement using state feedback; Ackermann's formula; ; limitations of state variable feedback ; state observers; the design of robust control systems.

ME307:Fluid Dynamics
This course will cover basic and applied fluid mechanics. Specific topics include fluid properties, statics, kinematics, and dynamics: conservation of mass, momentum, and energy in integral and differential equation form; hydrodynamics; real fluids, laminar and turbulent flows; boundary layer model and approximate analysis; measurement methods in fluid flow.

ME308:Industrial Control
This is an course that covers industrial control systems. The specific topics include: control systems architectures; transducers and actuators; communications in industrial control systems - industrial LANs; sequential control - programmable logic controllers; direct digital control and supervisory control; structures of SCADA systems; case studies.

ME403:Introduction to Robotics
This course is intended to present fundamentals of robotic systems. Specific subjects include: position and orientation in 3-D space; manipulator forward and inverse kinematics; velocities and forces - Jacobian's relations; manipulator dynamics; stiffness and compliance control; trajectory control; mobile robots - selected topics. A team project will emphasize the variety of robotics system

ME441:Advanced Vehicle Systems
1.□Introduction a.□History b.□Introduction to different systems c.□Comparison to conventional vehicles, advantages d.□Current situation (technology, market, emission benefits) 2.□Vehicle Dynamics and Performance Fundamentals, Modelling a.□Longitudinal Dynamics b.□Propulsion and Breaking c.□ Handling d. Ride Comfort 3.□Powertrains a.□Components b.□Configurations i.□Electric Vehicle ii.□Hybrid Electric Vehicles (series, parallel, split configurations) c.□Regenerative Braking 4.□Batteries a.□Basics/Fundamentals b.□Types, differences, advantages/disadvantages c.□Battery modeling d.□ Battery Management Systems 5.□Internal Combustion Engines a.□ICE fundamentals b.□Types c.□Fuel Economy d.□Emission control 6.□Alternative Energy Sources a.□Fuel Cells i.□Fundamentals ii.□Types iii.□Hydrogen Storage b.□Supercapacitors and Ultracapacitors 7.□Electric Motor a.□DC Motors b. □Induction Motors c.□Switch Reluctance Motors d.□Control Basics

MGMT415:Entrepreneurial Technology Commercialization
This course will provide you the skills that are necessary to assess ideas and technologies for their technical merit and commercial potential. You will understand real life high impact success stories such as Google's creation and Genentech's spin out story from MIT. You will have the opportunity study and learn about Intellectual Property, Venture Capital, Technology Entrepreneurship and Technology Transfer industries.

MJC100:Majors: Informative Course
The purpose of this course is to familiarize students with the degree and minor honor programs at SU and career opportunities offered by these programs. It will help students make a more informed choice about their future field of study and introduce opportunities that students may use during their undergraduate. The course emphasizes the interdisciplinarity of Sabancı University and the fact that each of our students can choose an individual route to graduation. The course is a prerequisite for major declaration.

COURSE CONTENT TAKEN

NS101:Science of Nature I
Science of Nature courses aim to initiate a curiosity and desire for learning "scientific thinking" in students and at the same time to introduce some of the basic concepts of physical, chemical and biological sciences in connection with questions concerning the universe, nature and our daily life. The NS 101 course consists of two modules "(1) Are we alone in the universe?" and "(2) Is antibiotics resistance a big threat to the existence of humankind?" Scientific methodology and fundamental concepts in the physical, chemical, and biological sciences are introduced through an integrated approach in the framework of these questions. Upon completing NS 101, students will be able to: 1.□Demonstrate skills for critical thinking, reasoning and problem solving through integration of different concepts and information. 2.□Distinguish among scientific laws, hypothesis and theory and use them to differentiate facts from fiction. 3.□Apply mathematical concepts to solve quantitative problems. 4.□Demonstrate fundamental knowledge of the terminology, major concepts and theories of one or more fields in physical, chemical, and biological sciences. 5.□Describe the role of science and technology, and develop skills for communicating scientific concepts and facts to society in general. 6.□Demonstrate professionalism and ethics when using scientific approach to make informed decision in daily life situations.

NS102:Science of Nature II
Science of Nature courses aim to initiate a curiosity and desire for learning "scientific thinking" in students and at the same time to introduce some of the basic concepts of physical, chemical and biological sciences in connection with questions concerning the nature and our daily life. The NS 102 course consists of two modules: "(1) Are humans causing climate change?" and "(2) Can we ever comprehend the workings of the brain?" Scientific methodology and fundamental concepts in the physical, chemical, and biological sciences are introduced through an integrated approach in the framework of these questions. Upon completing NS 102 students will be able to: 1.□Demonstrate skills for critical thinking, reasoning and problem solving through integration of different concepts and information. 2.□Distinguish among scientific laws, hypothesis and theory and use them to differentiate facts from fiction. 3.□Apply mathematical concepts to solve quantitative problems. 4.□Demonstrate fundamental knowledge of the terminology, major concepts and theories of one or more fields in physical, chemical, and biological sciences. 5.□Describe the role of science and technology, and develop skills for communicating scientific concepts and facts to society in general. 6.□Demonstrate professionalism and ethics when using scientific approach to make informed decision in daily life situations.

PROJ102:Project Course
PROJ 102 Project Course is designed to introduce the student into the practice of project work, to challenge the student's creative and intellectual abilities, and to provide the student with an opportunity to function within a team. The student gets first hand experience in planning and implementing a project so as to meet a set due date for presenting the client with the deliverables expected. Timing of the activities and the allocation of resources to these activities are crucial decisions to be made by the team members.

PROJ302:Summer Project
All FENS students are required to complete a summer project (PROJ 302) with a minimum duration of 8 weeks after 3rd year and to have a satisfactory (S) standing so as to receive their B.Sc. degrees. The main objectives of the the summer project are (i) to give the students a chance to gain first- hand working experience in an industrial setting, (ii) to enhance their technical and communications skills, (iii) to enable them to interact with engineers and technicians effectively. At the same time, the summer projects help the students' professional development. Students determine their internship companies/institutions based on their interests and programs they are enrolled. At the end of the project, students are required to prepare and submit a final project report and make a presentation. Students have to be enrolled in a FENS Diploma Programme in order to register for this course. See PROJ 302 guideline for further details.

SPS101:Humanity and Society I
This course provides an introduction to the study of the human experience in the pre-modern world (from early humans to mid 18th century). It brings together various disciplinary approaches and major topics of the pre-modern world in a roughly chronological order. There are three central aims of this course. The first aim is to present our students the challenges and potential in the scientific study of human experience through the introduction of various analytical tools from disciplines such as history, sociology, anthropology and economics. The idea is to show to our students that the human experience is as much the realm of scientific inquiry and critical thinking as it is the case with the natural world. The second aim is to introduce the basic dynamics of the pre-modern world before the 18th century so that students would be adequately equipped to follow our consecutive course SPS 102 about the modern era and the concept of modernity. Finally, this course also aims to emphasize the structured use of language, in this case English, for the purposes of knowledge production and critical analysis. It accepts the role of language in humanities and social sciences as important as calculus is for physics. To that end, it pays special attention to critical reading and writing as evident from the course structure.

SPS102:Humanity and Society II
This course provides an introduction to the study of the human experience in the modern world. It brings together the history of major milestones in the modern era, from the mid-18th century to the 21st century, and prominent theoretical frameworks that are employed to analyze this transformative period in the history of our species. SPS 102 is designed to be a follow-up of SPS 101 and thus compliments the content and the academic skills that were previously introduced. There are three central aims of this course. The first aim is to present our students the challenges and potential in the scientific study of human experience through the introduction of various analytical tools from disciplines such as history, sociology, anthropology and economics. The second aim is to provide the intellectual foundations that would help our students to understand the dynamics of the contemporary world around them by historicizing its relatively recent formation in the history of humanity. Finally, this course also aims to emphasize the structured use of language, in this case English, for the purposes of knowledge production and critical analysis. It accepts the role of language in humanities and social sciences as important as calculus is for physics. To that end, it pays special attention to critical reading and writing as evident from the course structure.

SPS303:Law and Ethics
This course aims to encourage students to reflect on the meaning of being an individual and a citizen. Certain fundamental questions, posed by the ancients but persisting in their relevance, informs the structure of the course: What is good life? How should we live? What does the life of a virtuous individual and citizen consist of? How can the likely conflicts between the two be resolved? Related to these, the course also explores the diverse relationships between law and ethics and adresses issues such as political authority, representation and consent, freedom, justice, and equality.

COURSE CONTENT TAKEN

SPS384:Climate Change and Environmental Politics
This course introduces the essence of ecological crisis and environmental problems, and science and policy aspects of the environmental issues, especially of global climate change. Climate change is not only the most alarming planetary challenge, but also is at the nexus of the debate around international politics, environmental law, social movements and the search for sustainable economic alternatives. This course equips students with the skills and methodologies to use the basic notions of environmental politics such as ecological citizenship and environmental justice, which are also among the novel concepts in political theory . International environmental politics, green and environmental movements, climate governance and food politics are among the topics to be discussed.

TLL101:Turkish Language and Literature I
This course is one of the University Courses all Freshman students are required to take. It has a complementary nature with HIST 191 and covers literary texts written during or on the late Ottoman modernization period, i.e. roughly between 1870s and 1910s. The aim of the course is twofold. On the one hand, it helps students analyze and discuss how the Ottoman-Turkish modernization process is reflected in literature and how in turn literature affects this process, and on the other hand it aims to develop students' theoretical and practical skills in reading, discussing and interpreting literary texts. This is achieved by using primary literary texts produced by prominent authors in this period as well as numerous critical texts on these authors. Students are expected to participate in the discussions on these works, prepare oral presentations and write papers.

TLL102:Turkish Language and Literature II
This literature course is a continuation of TLL 101 and aims to analyze novels, short stories, plays, and poems of Turkish literature written in the 20th century, focusing on issues related to the modernization history of Turkey. The aim of the course is twofold: On the one hand, it aims to analyze and discuss how the Republican Turkish history is reflected in literature and how in turn literature affects this history, and on the other hand, it aims to develop students' theoretical and practical skills in reading, discussing and interpreting literary texts. This is achieved by using primary literary texts produced by prominent authors in this period as well as numerous critical texts on these authors. Students are expected to participate in the discussions on these works, prepare oral presentations and write papers.

** End of Courses Contents **
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