The American College of Thessaloniki plans to offer a wide array of courses from the Divisions of Business, Humanities & Social Sciences, and Technology & Science for the Spring II 2019 term. For those students in the Study Abroad Program, prerequisite requirements can be waived if comparable completed coursework at their home institution can be demonstrated.

*Please note that ACT reserves the right to cancel a class due to low enrollment and will work to provide appropriate alternatives for those students impacted by any changes in course offerings.

**DIVISION OF BUSINESS**

**Business 399: Global Competitiveness Practicum**
The course is designed to give students an opportunity to leverage their existing business skills, as well as, develop new ones in an exciting and team cooperative environment. ACT faculty select a number of local businesses and the students work on consulting assignments for them. GCP faculty assign students to teams, each consisting of generally four students. Each team is given a different business project and is charged with developing and implementing an approach for completing it in a fashion that satisfies its client and meets the course objectives. (3 credits)

**Economics 101: Introductory Macroeconomics**
An introduction to modern economic analysis and its policy implications. The course centers on the applications of economic theory to national policy problems such as growth, inflation, unemployment, government expenditures and taxation, and the role of money. In addition, it provides a broad introduction to the understanding of the modern national socioeconomic systems in today’s globalized economies. (3 credits)

**Management 101: Introduction to Management**
This course provides students with knowledge of basic management theories and concepts and introduces them to simple case studies relevant to the theoretical background that is covered. The subjects examined, including some insights from international management, are the following: the external and internal environment within which an organization operates; the historical foundations of Management; the social responsibility of business and the relation between business and government; the managerial function of planning; management by objectives; the organizing function and organizational structures; the function of staffing and personnel selection; the function of leading, motivation and job satisfaction, and finally, the function of controlling and coordinating a firm’s actions to achieve its objectives. (3 credits)

**Management 210: Human Resource Management for Growth**
The course provides an overview of the basic concepts and practices of human resource management of a modern entrepreneurial organization. Its emphasis is on HRM’s strategic perspective and well-being of the people for the success of new ventures. It also focuses on the global realities of HRM and the use of modern technologies within an ethical framework. Topics covered include, basic concepts, strategic HRM, legal aspects of HRM, Job analysis & Job Design, human resource planning, employee recruitment, selection, motivation and orientation, performance evaluation and compensation, Training and development, labor relations, safety, health and wellness, social and ethical issues. (3 credits)

**Management 240: Creative Thinking: The Business Imperative**
The course introduces students to the principles and techniques of creative thinking. Students are taught how to evaluate their own ideas, as well as the ideas of others. The focus of the course is in developing the student’s innovation and decision-making skills. The course also covers how to anticipate objections to ones’ ideas and how to overcome them. (3 credits)
Management 312: Operations Management
The course provides an overview of concepts, methodologies and applications of production and operations management. Topics include productivity, forecasting demand, location and capacity planning, inventory control, project management, operations scheduling, just-in-time systems, quality control, total quality management. (3 credits)

Management 340/341: Business in Greece and the EU
The aim of the course is to give students in-depth insights into the complexities of the European environment from a global, business, economic, political, and legal perspective. The course also analyzes the various ways in which the European Union institutions influence a company working in or with Europe, with specific emphasis placed on doing business in Greece. (3 credits)

DIVISION OF HUMANITIES & SOCIAL SCIENCES

Anthropology 101: Introduction to Anthropology
This course provides an overview of major themes and concepts of Anthropology considered both in relation to the biological disciplines (Paleontology, Ethnology, Sociobiology) and as the comparative study of human cultures (Social Anthropology/ Ethnology). The course establishes the continuity of human culture from an evolutionary perspective and acquaints students with contemporary interdisciplinary debates on major issues. (3 credits)

Art 120: Art Appreciation: Principles of Design
The purpose of this course is to introduce students to the general principles of design, that is, to the formal elements in any work of visual art (painting, sculpture, photography, film, contemporary installation art, etc.). The course will be thematic and topical, and will consider examples from all periods of Western and non-Western Art. Included in the formal course work will be visits to local museums and galleries to examine firsthand artworks illustrating the different principles studied. (3 credits)

Comm 227 – Media Theory
The course covers the major theoretical perspectives that have shaped the field of media studies. Through the examination of their distinctive insights, concepts and problematics, the course emphasis is on the comprehension and evaluation of the contribution these perspectives had to the understanding of media and media-saturated modern society. The theories are presented and discussed in their historical and ideological context, aiming at developing a critical understanding of their viewpoint and import. (3 credits)

English 102: Composition II
This course builds upon the expository writing skills presented in Eng 101. First, it introduces students to the mode of argumentation by analyzing various types of arguments and presenting the essential tactics used in definition, cause, evaluation, refutation and proposal. At the same time, it introduces students to research paper writing by guiding them step-by-step in the process of forming an argumentative thesis, incorporating sources together with their own thinking into papers, and documenting sources. (3 credits)

English 120: Introduction to Literature
This course introduces students to the literary genres of fiction, poetry, and drama, and to the critical concepts and problems involved in the interpretation of literature. Through analysis of a selection of classic literary texts, the course aims to stimulate in students a critical appreciation for literature and a demonstration of the relevancy of literature to life. (3 credits)
English 203: Advanced College English Skills
This course aims to enhance academic skills in listening, speaking, reading and writing as well as develop significant critical thinking and research skills essential in an academic community and beyond. Texts on contemporary issues from various disciplines including newspaper articles, autobiographies, essays and peer reviewed journal articles will be examined. Close reading of texts will be the basis for discussions, debates, exercises and written assignments. Podcasts, blogs and short videos will also be used to practice Academic English skills. Themes and skill areas are selected to complement and enrich the learning experience of students of all fields (3 credits).

English 274: Applied Linguistics
The goal of the course is to survey what is currently available to ESL / EFL teachers, to choose and adapt some elements that we think would work in our own teaching realities, and to understand how and why these elements work. A range of methods, techniques, and materials for teaching English are explored. Emphasis will be put on current teaching practice; this includes a variety of communicative language teaching techniques, integrated and discrete approaches to language skills, task-based and project-based learning, and student centered techniques. The course also explores recent work on multiple intelligences, learning styles, and learner motivation, focusing on how these ideas can be used in a variety of teaching situations. (3 credits)

English 300: Image/Text/Culture
This interdisciplinary course examines the images and texts of film, television, art, photography, and advertising (with a strong emphasis on film), and how they come to characterize and shape our everyday lives. Using case studies, students learn how to recognize, read, and analyze culture within a particular social, cultural, or political context, touching upon such important issues as race, gender, class, ideology, and censorship. (3 credits)

English 360- Literary Theory
The course addresses the central concerns in contemporary literary and cultural theory and provides students in literature and other related disciplines of the humanities or social sciences with the theoretical background to better comprehend material elaborated in other courses. As such, it is an important endorsement to the overall English BA program that offers students a comprehensive account of the field and an understanding of some of the key problems and questions that animate theoretical discussion today. Through the development of a coherent overview of the various theories that emerged in the field, the course also considers questions about the production of cultural value, ideology and hegemony, the patriarchal and colonial bases of Western culture, and the status of the cultural object, the critic, and of theory itself (3 credits).

English 380: The Business of Literature
The course will introduce students to the 20th century mechanics of literary production and to the forces making a book available, promoting it to a best seller, or silencing it. More specifically, it will study the changing market conditions for literature, both in a historical perspective and on the basis of selected case-studies. Students will discuss literature within a social and business frame and approach literary production in particular as a revealing cultural phenomenon and a symptom of a given socioeconomic reality. In doing so, students will sharpen their intellectual and critical skills and become alert to the interdependence of two fields which are traditionally considered separately. (3 credits)

European Studies 351: European Environmental Governance
The aim of this course focuses on the politics and economics of contemporary EU environmental policy in a comparative perspective. The European Union, over the last 30 years, has created a system of environmental governance in Europe. The course will explore this new system of environmental governance both at the European level and at level of the member state. Case studies will highlight the extent of convergence and divergence in environmental policy among Germany, Spain, Greece, Italy, the Netherlands and the United Kingdom. Further, students will consider the potential roles and responsibilities of civil society, sovereign states, and intergovernmental organizations in the ongoing quest to shape responses to the potential of the environmental crisis. (3 credits)
History 120: The Modern World
This course takes its point of departure in late eighteenth-century Europe during the period of the Enlightenment and the French Revolution, and concludes in the late twentieth century with the end of the Cold War and the immediate post-Cold War decade. Course materials integrate social, cultural, political, and economic approaches, as well as aspects of historiographical analysis, in order to facilitate study of both the foundations of the contemporary world and questions relating to historical representation. The course also provides coverage of significant global developments in the modern era. (3 credits)

Philosophy 101: Introduction to Philosophy and Critical Reasoning
The primary aim of this course is to train students in the skills required for critical analysis of discourse. Its secondary aim is to apply these critical analytic skills to the activity of philosophizing. Accordingly, the course is divided into two parts. In the first, the main concern is with the validity of inferences. Students learn sentential and predicate calculus so that they are in a position to check the validity of any argument proposed. In the second part, the main concern is inquiry and to this purpose the students first apply logical theory to methodology (induction, hypothesis, abduction, explanation, reduction theory, definition, distinction, issue, problem), and then apply all these techniques to the discussion of two problems: the existence of God and the problem of mind and its relation to matter. (3 credits)

Philosophy 203: Ethics
This course is designed to help students develop their critical abilities through the analysis of ethical problems and to introduce them to contemporary ethical theory. Following an introduction to the structure of ethical problems, three classical approaches to the problem of justification are presented: moral obligation (Kant), the consequences of one’s actions (Utilitarianism), and personal virtue (Aristotle), respectively. The course also includes discussions of meta-ethical issues concerning the relation between fact and value and the problem of justifying and then generalizing one’s ethical judgments including the issue of moral relativism. (3 credits)

Politics 249: The Politics of International Economic Relations
The course aims at giving the students an advanced understanding of international economic relations. This is done by focusing on the following three aspects of the international political economy: 1) the theoretical debate on the history and nature of the international economic transformations which have been taking place since World War II; 2) the histories and impact of international institutions as key players; 3) the impact on communities of the dominant free-market economic policies of the last three decades with particular attention to the recent financial crisis. (3 credits)

Psychology 120- Developmental Psychology I
The study of human development is the study of progression and change. This course is designed to introduce students to the study of developmental psychology and provide an overview of the major theories and topics in developmental psychology. The emphasis is on the pre-natal period and early childhood. However, later periods of development will be addressed in Developmental Psychology II. Theory and research will be presented in areas such as biological, motor, cognitive, emotional, and social domains from the prenatal period through early childhood. (3 credits)

Psychology 211 - History and Philosophy of Psychology
This course aims to introduce students to major conceptual and historical paradigms and models in psychology, the history of psychology as a science, the social and cultural construction of psychology, the most interesting developments in the history and concepts of science and to the concept of the self or mind. They will learn about the philosophical origins of psychology, introspection, behaviourism, psychodynamic theory, evolutionary psychology, developmental psychology, cognitive psychology and neuroscience and they will be re-introduced to major figures in the history of psychology, including Wundt, Pavlov, Skinner, Piaget and Freud etc. The ways in which psychologists and psychiatrists have investigated human nature will be examined, and major controversies in the field along with basic philosophical assumptions made in the sciences of human nature will be explored. (3 credits)
Research 210: Research Methods and Analysis
This a required course in which students are given the opportunity to develop an understanding of the research process and familiarize themselves with key methodologies and practices in Humanities and Social Sciences research. The module provides students with the knowledge and experience of applying various transferable research skills at conceptualizing, framing, exploring, analyzing and discussing an issue, in light of advancing their academic, research and writing performances throughout their study years and to a graduate degree. Finally, it is designed to provide students with research skills which are in high demand in a variety of contemporary professional settings. (3 credits)

DIVISION OF TECHNOLOGY & SCIENCE

Computer Science 107: Multimedia I
This course is an introduction to digital multimedia. All media components (digital pictures/graphics, text, animation, sound and digital video) are introduced and their parameters defined and studied. Software multimedia development tools necessary for the creation or capture of digital media are presented, and students acquire hands-on experience with a package for each media category. Hardware essential for the capture/creation of the media is also presented. Multimedia project design parameters are examined and applied to a student capstone project. (3 credits)

Computer Science 151: Quantitative Computing
The course aims at deepening student quantitative skills by interrelating mathematical modeling and spreadsheet implementation. Students are presented real-world problems encountered in the modern enterprise, with emphasis on spreadsheet computing and are taught both the mathematical background and the necessary structures for tackling the problem with spreadsheets. Emphasis is placed on mutual translation of mathematical model and spreadsheet implementation. Focus is on Business Planning and topics are drawn from Microeconomics, Finance, Marketing, Managerial and Financial Accounting. Mathematical topics covered include: Real numbers and their computer implementation, polynomial, exponential and logarithmic functions, matrices, linear programming and optimization, recursive models, discrete approximation of the derivative and integral. (3 credits)

Computer Science 201: Business Computing
The course aims at presenting Business majors with the basic computing structures needed to support a company’s management. Students will be exposed to data tables from a variety of business activities as well as the database techniques necessary to model and effectively process these data for the purposes of company assessment and planning. Examples of applications residing in the WWW will be presented, analyzed and subsequently implemented by students with the database medium used in the course. (3 credits)

Computer Science 340: Artificial Intelligence
This course is an introduction to the field of AI, including an intensive initial introduction to the Python programming language. Indicative AI topics include knowledge representation, problem solving via search, logical and probabilistic reasoning and machine learning algorithms such as decision trees, neural networks, reinforcement learning and genetic algorithms. (3 credits)

Computer Science 421: Computer Systems Security
This course aims at providing both a theoretical and practical background concerning issues of security in modern, networked systems. Cryptography is covered first (essentially discussions of standard algorithms). The remainder of the module focuses on techniques that can be used to safeguard real systems. Topics that are covered include Key management and credentials, Steganography and watermarking, Network security (VPNs, Firewalls, Intrusion Detection) and System Security Policies. Risk assessment and threat models as well as social engineering will be covered. (3 credits)
Computer Science 450: System Analysis and Design technology & science
The module introduces the waterfall model for system/application development and the formal tools employed in its various stages. The objectives of the module are to provide formal tools for functional and non-functional requirements collection and documentation (ERD, UML, DFD, STD’s), define the role of the systems analyst and designer, build project management and interpersonal communication skills that the system analyst must have, explain the methodologies that are used for systems analysis and design, follow through the waterfall model (and discuss deviations therefrom), presenting the relevant tools at each stage, provide the problem solving background for resolving trade-offs inherent in design, present principles of quality and correctness testing, provide students the opportunity to work as a team of analysts and designers in a project to implement the taught methodologies. Students develop technical, analytical and business skills that support the pursuit of professional careers and advanced computer science studies. (3 credits)

Mathematics 101: Elements of Finite Mathematics
This course places an emphasis on the role of functions (coordinate systems, properties, graphs and applications of polynomial, rational, logarithmic and exponential functions), solving systems of linear equations, matrix operations, mathematics of finance, and introductory counting techniques. (3 credits)

Mathematics 115: Business Calculus
This course covers: rate of change and introduction of the derivative for functions of one variable; applications of the derivative to graphing one-variable functions and to optimization problems; introduction of functions of several variables and partial derivatives; problems of unconstrained and constrained multivariable optimization; applications of differential equations; integration of functions of one variable and applications, and advanced methods of optimization. Emphasis is placed on applications and problem solving through conventional and computer methods. (3 credits)

Mathematics 220: Discrete Mathematics for Computer Science
Discrete mathematics can be defined as the study of structures consisting of a sequence of individual, separated steps. As such, they contrast with calculus, the latter describing processes which vary continuously or smoothly. If one can claim that the ideas of calculus were fundamental to the industrial revolution, then one can safely assume that the backbone of the science and technology of the computer age is discrete mathematics. The purpose of this course is for the students to understand and use the aforementioned discrete backbones of computer science. In particular, this class is meant to introduce logic, proofs, sets, relations, functions, counting, and probability, with an emphasis on applications in computer science. Further, this course will cover fundamental mathematical foundations required for conceiving, proving, and analysing algorithms. (3 credits)

Sea Sail 101: Introduction to Sea Sailing
The aim of this course is to provide the basic yachting skills so that successful students will be safety conscious, have a basic knowledge of sailing and be capable of taking a yacht out without an Instructor on board in light to medium winds in protected waters. The course has both theoretical (In-Class) and practical (On-Board) components; with the latter being the largest part of the course. (3 credits)