

# TEL-HAI COLLEGE

Courses

2023 - 2024





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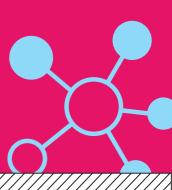
Regular opening hours: Sunday - Thursday





## Faculty of Science and Technology

Department	Course name	Lecturer's name
Food Science	The Interrelationship between Food Technology, Microbiota and Health	Dr. Feige Magzel
Animal Sciences and Environmental Sciences	People and Wildlife - Conflicts and Resolutions // Closed Course to Life and Environment classes //	Dr. Rona Nadler Valensi, D.V.M
Master in Biotechnology	Introduction to Machine Learning and Artificial Intelligence for Natural Science Students // Closed course for a Biotechnology graduate, mandatory years 1+2 //	Dr. Jacob Moshe
	Introduction to Precision Agriculture and Remote Sensing	Dr. Livia Katz Simhai
Computer Science	Introduction to Linux  // Closed course for computer science, compulsory first year //	Prof. Tamar Tzemach
Biotechnology	Postharvest Biotechnological Aspects of Fruit and Vegetables	Dr. Dan Gamarsny

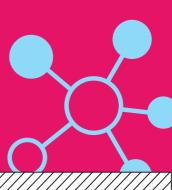


Semester	Day	Time	Degree	Lesson type	course requirements
Semester 1	Sunday	4:15 - 5:45pm	B.S.c		
Semester 1	Intensive course during Hanukkah vacation 10-14/10/23	8:00 - 6:00pm	B.S.c		Prior knowledge of Ecology
Semester 1	Sunday	6:00 - 7:30pm	M.S.c		
Semester 1	Wednesday	4:15 - 5:45pm	B.S.c		
Semester 1	Thursday	01:15 - 2:00pm	B.S.c	Laboratory	
Semester 2	Monday	01:15 - 2:00pm	D.S.C	Laboratory	
Semester 2	Thursday	11:30 - 1:30pm	B.S.c		Prior knowledge of Tree and Cell Biology

## Faculty of Science and Technology

Department	Course name	Lecturer's name
Biotechnology	Big Questions in the Life Sciences	Dr. Ari Meyerson
Animal Sciences	Vertebrate Reproduction // Closed course for Animal Sciences, compulsory course third year //	Dr. Smadar Tal, D.V.M
Master in Nutrition	Malnutrition - From Theory to Practice	Dr. Galia Sheffer Hillel
Master in Biotechnology	Alternative Proteins // course requirements Average score of 85 //	Dr. Ofir Binyamin
Master in Water Sciences	Pollutant Transport in Porous Media	Dr. Tran Emily Lina
Computer Science	English Workplace Communication for Computer Science Students // Closed course for computer science //	Ms. Shahar Boxel Ulrika

- \* Lesson times can vary
- \* 1 THC credit point equal to 1.5 ECTS



Semester	Day	Time	Degree	Lesson type	course requirements
Semester 2	Monday	4:15 - 5:45pm	B.S.c		
Semester 2	Tuesday	2:30 - 4:00pm	B.S.c		Prior knowledge of Cell Biology, Invertebrate Zoology, Vertebrate Zoology, and Physiology
Semester 2	Tuesday	4:15 - 7:45pm	M.S.c		
Semester 2	Sunday	10:30 - 12:00	M.S.c		
Semester 2	Monday	10:30 - 1:00pm	M.S.c		
Semester 2	Monday	08:45 - 11:15	B.S.c	lecture	

## The Interrelationship between Food Technology, Microbiota and Health

Dr. Feige Magzel /2100047 - 2 THC/

The human body's largest population of microorganisms resides in the intestine and is collectively called the gut microbiota. The gut microbiota has an enormous impact on the host's life, and diet plays a fundamental role in shaping its composition and function. The gut microbiota can digest certain foods (e.g., dietary fiber) that humans are not able to digest. When the gut microbiota breaks down dietary fiber, it produces important molecules (e.g., short-chain fatty acids) with benefits that go beyond the gut. It facilitates absorption of dietary minerals (e.g., magnesium, calcium and iron) and synthesizes some essential vitamins (e.g., vitamin K and folate (B9)) and amino acids (i.e., the building blocks of proteins). The way food is processed (e.g., grinding, freeze drying, pasteurizing) and the addition of specific food additives (e.g., stabilizers, sugar substitutes) have a crucial impact on determining the amount and type of material reaching the gut thus influencing the microbiota composition, the production of its metabolites and the host's health.

#### **People and Wildlife - Conflicts and Resolutions**

#### Dr. Rona Nadler Valensi and Prof. Alister Bath \_\_\_\_\_\_\_/5953203 - 2 THC/

This short, intensive, and interactive training workshop/course led by Prop. Alister Bath, Memorial University, Newfoundland, Canada will focus on human dimensions in biodiversity resource management and more broadly how to work with people to achieve conservation. The workshop will cover the human dimension approach from a research perspective as well as the applied human dimension facilitated workshop approach developed and implemented by Alistair worldwide and with a 100% consensus record. Understand HD within the context of public involvement, facilitation skills, strategic planning, conflict resolution and consensus building for successful resolution of human, wildlife and natural resource conflict challenges. Dr. Bath will draw on his experience in Europe, North and South America, India and Kenya to demonstrate the successful application of the human dimension approach clearly demonstrating the interface between research needs to ensure successful applied work occurs.

#### **Faculty of Science and Technology**

## Introduction to Machine Learning and Artificial Intelligence for Natural Science Students

**Dr. Jacob Moshe** /4200061 - 2 THC/

This course is designed to introduce beginners to the basic principles of Machine Learning and Artificial Intelligence (ML/AI) and their applications in natural science. The course will cover a wide range of topics such as supervised and unsupervised learning, regression, clustering, decision trees, and neural networks. The course will also cover practical aspects of ML/AI such as data preprocessing, model selection, and evaluation. The course is specifically designed for students who do not have any coding requirements.

#### **Introduction to Precision Agriculture and Remote Sensing**

Dr. Livia Katz Simhai /1099920 - 2 THC/

This course will delve into the principles of precision agriculture and remote sensing including: 1) continuous sensors of soil, plant, and meteorological parameters, 2) principles of global positioning systems (GPS), 3) spatial variability and analysis of field parameters, 4) soil and plant sampling regimes, 5) introduction to remote sensing, 6) visual and multispectral imaging, 7) thermal imaging, 8) machine learning and artificial intelligence, 9) site-specific decision-making and management - irrigation, fertigation, seeding, pesticides, etc., and 10) the ag-tech industry. The course will include one field trip.

#### **Introduction to Linux**

Prof. Tamar Tzemach /0199842 - 1 THC/

Installation of the Linux operating system. Working with command line. Working with directories and files. Word processors. Use of quotation marks. Input/output. History and alias. Environment variables. Processes and threads. Installing software. The Linux boot process. Disk management. User and group management. Scripts.

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## Postharvest Biotechnological Aspects of Fruit and Vegetables

**Dr. Dan Gemarsani** /1400025 - 2 THC/

This course describes the postharvest biology science, techniques and technologies available to handle perishable horticultural food commodities. It includes basic concepts and important new advances in the subject. In addition, biotechnological aspects that improve the postharvest life of the commodity will be presented. The topics include an introduction to postharvest basics (temperature management, atmospheric composition, storage methods, etc.), postharvest losses, the physiology of fruit ripening and other related topics. If time allows, there will be a postharvest challenge for applying the knowledge of this course. Additionally, an article about postharvest biotechnology improvements will be summarized and presented by the students.

#### **Big Questions in the Life Sciences**

**Dr. Ari Meyerson** /1400067 - 2 THC/

In the recent years (the genomic era), the Life Sciences are undergoing a true revolution. But how does society cope with this revolution? The course will focus on the social and philosophical aspects of novel biological knowledge, and especially on the central questions this knowledge provokes.

#### **Vertebrate Reproduction**

**Dr. Smadar Tal** /5953500 - 2 THC/

The course discusses processes of the vertebrate reproductive systems, with an emphasis on mammals. Subjects include the structure and function of the reproductive systems in domestic animals, the endocrinology of the reproductive system, sexual maturity, reproductive cycles, reproductive behaviour, sexual conflicts, sex selection, the female reproductive system and the estrus cycle, the male reproductive system and its function, mating and pregnancy, care of the offspring, as well as new assisted reproductive technologies for treatment of fertility problems in animals.

#### **Faculty of Science and Technology**

#### **Malnutrition - From Theory to Practice**

Dr. Galia Sheffer Hillel /3043666 - 2 THC/

This international course introduces innovation in different aspects of nutritional disorders with a focus on malnutrition and Sarcopenia management of adults for dieticians. The course will provide students with sufficient knowledge and skills on assessment, diagnosis and management of malnutrition in using the NCP model. The students will discuss policy dilemmas about malnutrition and evaluate appropriate diagnosis tools from a global perspective. A special focus will be on interdisciplinary teamwork in the treatment of malnutrition.

#### **Alternative Protein**

**Dr. Benjamin Ofir** /4200059 - 2 THC/

Due to the growing climate crisis, population density and health crises like the recent Corona plague, the issue of the alternative protein to animal protein is one of the solutions on the innovation side of the food and agriculture industry. The course will deal with understanding the background to the need for an alternative protein. Will deal with each of the aspects of alternative protein production - from plants, fermentation processes and cell cultures. We will understand in the course the mechanisms and methods of alternative protein production and the challenges that come with it. The course will also touch on the regulatory and economic contexts of alternative protein. The course will be delivered by the best lecturers in the field, including quest lectures from experts from Israel and abroad.

#### **Pollutant Transport in Porous Media**

Dr. Tran Emily Lina /6420025 - 3 THC/

This course will give an overview on issues related to the transport, fate and migration of common contaminants through porous media. The course will cover a description of common types of contaminants and the dictating equations which describe the main processes of contaminant fate and transport. Emphasis will be placed on current approaches in research on contaminant transport, including laboratory and field experiments as well as basic descriptions of modelling. Subjects relevant to contaminant site characterization, monitoring and remediation will also be covered.



## **English Workplace Communication for Computer Science Students**

Ms. Shahar Boxel Ulrika	0199929 -	- 3 THC
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This course is for students in the computer science programme to improve their spoken and written English, with an emphasis on workplace and business communication skills within the hi-tech industry. Over a 13-week period, students will complete five units, each covering an aspect of the journey students will undertake to function successfully in an international, English-speaking work environment. The units range from writing a resume to presenting a project in a team meeting. Each unit focuses on a specific communicative goal, such as writing a resume, answering interview questions, responding to client requests, communicating with coworkers, and presenting one's work. Throughout the unit, students will be presented with materials that introduce and practice the language necessary to achieve these communicative goals.

### Faculty of Science and Technology





Department	Course name	Lecturer's name	Semester
Economics and Management	Foundation of Law and the Legal System	Dr. Nevo Hila	Semester 1
Economics and Management	Introduction to Knowledge Management and Innovation in the Visitor Economy	Dr. Adi Weidenfeld	Semester 1
Psychology	Medicine, Experience and Poison: Consciousness Modifying Plants and Molecules in Human Lifeworlds	Dr. Zeevik Mishor	Semester 1
Education	Virtual Reality and Education	Dr. Merhav Ma'in Chava	Semester 1
Human Services	The Dark Side of HR: Organizational Stratification	Dr. Alina Rosenfeld	Semester 1
Human Services	Past Remaining: Holocaust Remembrance in Israel and in Germany	Dr. Tamir Hod	Semester 1
Multidisciplinary	Conflict in the Middle East: Power, Religion, Economy and Environment	Dr. Tamar Arieli	Semester 1
Psychology	Psycho-neuroimmunology	Dr. Mittal Mashesh	Semester 1
Social work	Equal Rights: The Case of People with Disabilities	Dr. Caroline Gottman	Semester 1



Day	Time	Degree	Lesson type	course requirements
Thursday	8:45 - 10:15	B.A		
Thursday	2:30 - 5:45pm	B.A		
Thursday	12:30 - 2:00pm	B.A		Second and third year in the Department of Psychology
Sunday	10:30 - 12:00	B.A		For special education only
Monday	2:30 - 4:00pm	B.A	Online Course	
Tuesday	10:30 - 12:00	B.A	Online Course	
Wednesday	10:30 - 12:00	B.A		
Wednesday	12:30 - 2:00pm	B.A		
Wednesday	10:30 - 12:00	B.A		

Department	Course name	Lecturer's name	Semester
Education	Inspiration of States of Consciousness on Body-Mind and What Lies Between Them	Prof. Ofra Walter	Semester 1
All departments	Agriculture and Food Systems: Local and Global Perspectives	Dr. Adam Abramson	Semester 1
Psychology	Animal Models for Neuroscience	Dr. Ktty Reimst	Semester 1
Master's - Education	Topics in Disability	Dr. Caroline Gottman	Semester 1
Master's - Organizational Behavior	Applied Ethnographic Perspective: Understanding Organizational Field Research	Dr. Yahal Kurlander	Semester 1
Master's - Educational Psychology	Health Psychology	Dr. Mittal Mashesh	Semester 1
Master's in Galilee Studies	Maps and Mapping	Not yet determined	Semester 1



Day	Time	Degree	Lesson type	course requirements
Monday	12:30 - 2:00pm	B.A		
Monday	2:30 - 4:00pm	B.A		
Wednesday	2:30 - 4:00pm	B.A		
Wednesday	12:30 - 2:00pm	M.A		Intended for students in the program only
Thursday	4:15 - 6:00pm	M.A		Introduction to organizational behavior first and second year introduction to human resource management first and second year and qualitative research methods for advanced students
Tuesday	8:45 - 10:15	M.A		Intended for students in the program only
Monday	4:15 - 7:30pm	M.A		

Department	Course name	Lecturer's name	Semester
Master's -	Community-based Art Therapy	Dr. Tamar	Semester 1
Arts Therapy	py John Marity Based Art Therapy	Gavron	Semester 2
Master's - Drama Therapy	Acute Stress Prevention and Psychological First Aid	Prof. Lahad Shmuel / Mr. David Mizrahi	Semester 2
Master's - Drama Therapy	Models and Assessment in Drama Therapy	Prof. Susanna Pendzik	Semester 2
Master's - developmental psychology	Psychodynamic Psychotherapy: A Developmental Perspective	Dr. Pergamin- Haight Lee	Semester 2
Master's - Social Work	Inter-professional Partnership in Social Work and Health	Prof. Iris Manor Binyamini	Semester 2
Master's - Social Work	Life under Poverty and Advocacy for People Living in Poverty	Dr. Gross Manos Dafna	Semester 2

- \* Lesson times can vary
- \* 1 THC credit point equal to 1.5 ECTS



Day	Time	Degree	Lesson type	course requirements
Monday	8:45 - 10:15	M.A		Intended for students
Monday	2:30 - 4:00pm	IVI.A		in the program only
		M.A	Asynchronous online	Prior knowledge of stress and trauma
Monday	12:30 - 4:00pm	M.A		Intended for students in the program only
Monday	2:30 - 4:00pm	M.A		Intended for students in the program only
Tuesday	10:30 - 12:00	M.A		Intended for students in the program only
Tuesday	8:45 - 10:15	M.A		Intended for students in the program only

#### Foundation of Law and the Legal System

This module is designed to introduce students to the foundations of law and legal institutions in Israel. Students will acquire basic understanding of the structure of the Israeli legal system (including relevant courts and tribunals), fundamental Israeli regulations, different areas of law making and law enforcement, and the formation of case law, rules, and norms. Students will learn to read and analyse legal decisions, and to navigate across legal databases.

## Introduction to Knowledge Management and Innovation in the Visitor Economy

Dr. Adi Weidenfeld // 8002346 - 2 THC/

This module aims to develop students' understanding of the visitor economy as a part of the service industry and how it is managed through developing critical awareness of the nature of its operations management. It focuses on innovation as one of the operational strategic management aspects that is a key to the survival of service businesses in a competitive global environment. Businesses belonging to the visitor economy sell an experience product, which is becoming a key component in other service sectors such as retail and catering. Therefore, an understanding of the nature of innovation and knowledge management in the visitor economy benefits those working in or with that industry.



## Medicine, Experience and Poison: Consciousness Modifying Plants and Molecules in Human Lifeworlds

**Dr. Zeevik Mishor** / 5513111 - 2 THC/

In the past twenty years, a renaissance has been occurring at an accelerating rate in the entire space of societies and psychoactive drugs. From the status of these plants and molecules as taboo – for use, for research, in academia and in the mainstream – since the 1970s, the last two decades have seen almost a revolution in judicial and policing approaches to such substances throughout many countries; in cultural changes of attitude across many societies; in the rigorous academic study of psychoactive drugs, the world over; and importantly, in the development of medical-therapeutic applications for psycho-actives – some applications that were already known , and others that are novel to the 21st century. This module will provide students with a multidisciplinary introduction to the relationship between human societies and cultures, and psychoactive plants and molecules. The chemistry, pharmacology and physiology of the central nervous system's (CNS) interactions with such molecules will be explored, as well as an introduction given to historical, cosmological and legal aspects of these drugs. As a module in the Department of Psychology, there will be a focus on currently emerging therapeutic applications, as well as on the risks inherent in psychoactive drug consumption.

#### **Virtual Reality and Education**

Virtual reality is a program-based environment which generates authentic and interactive experiences for its users. Education is driving the future of VR more than any other industry outside of gaming. VR has the potential to enhance learning by providing students with access to virtual environments where they can engage with immersive content, such as art, geography, biology, chemistry and more. The aims of the course are to introduce the students with the principles of VR technologies and to explore how of VR contents affect us. Furthermore, the students will reveal a variety of VR applications in education and will gain expertise in generating 3d models.



#### The Dark Side of HR: Organizational Stratification

To introduce the students to the research of labor market inequality and explain the organizational mechanisms which lead to its generation and retainment. By passing the course, students will recognize the inequality-related outcomes of various organizational practices. They will be able to critically assess the role played by organizational structures, actors, and practices in the creation of labor market inequalities. Students will also understand the nature of sociological, quantitative organizational research and the conclusions we can draw from it.

## Past Remaining: Holocaust Remembrance in Israel and in Germany

The course focuses on the period stretching from the end of World War II and the Holocaust, until the present day. The events of the Holocaust have a significant effect on almost every aspect of life in Israel. Research conducted on young Israeli Jews reveals, that the vast majority claim the Holocaust to be a central component of their personal and national identity. The ripples of the Holocaust stretch far beyond Jewish society and impact all sectors and residents of the country. Throughout the course, we will observe the changes in the attitudes of Israeli society toward the Holocaust over the years, and the growing influence of the Holocaust memory, which reached its peak during the 1980s. Through analyzing various events such as the Eichmann Trial, Menachem Begin's election as Prime Minister, and high school students' delegations to Poland, we will identify the elements of the Holocaust discourse in a country that, perceives itself as the 'heir' of the victims who perished between 1939-1945 For more than 70 Years the Germans are dealing with their Nazi past. This happens on a private basis within families, but also publicly and in politics. At first, it concerned one's own case, now the second and third generation will provide a chronologic and also thematic survey on different considerations - or ignoring it completely. The lecture's aspects of "coming to terms with the past"; will also include various theoretical conceptions Finally, we will examine different approaches regarding the lessons to be learned from the Holocaust and try to figure out how the story will be told in the future when there are no longer any living Holocaust survivors to give .first-hand accounts of what had happened.

## Conflict in the Middle East: Power, Religion, Economy and Environment

This module is designed to survey the major social, political, and economic themes and developments in the Middle East. After a short historical review, we will focus on the Middle East in the 20th and 21st centuries, spanning the creation of the mandate system after WWI, the founding of the state of Israel, the rise of the Arab nationalist states and Gulf monarchies during the cold war, the Iranian revolution, and the contemporary events of the Arab Spring and the rise of the Islamic State (ISIS). Throughout the course students will encounter the intersection of political histories with supplemental themes of religion, social discourses of orientalism and gender, and economic analysis of land and natural resources. These comprise a comprehensive interdisciplinary basis for understanding contemporary trends and challenges of the modern Middle East.

#### Psycho-neuroimmunology

Dr. Mittal Mashesh /5633224 - 2 THC/

Psychoneuroimmunology is a field that examines the bidirectional communication between the nervous system, the endocrine system (hormones), and the immune system, and the effects of these interactions on health and behavior. The course will expose the students to the field of psychoneuroimmunology while introducing them to the immune system, the relationship between factors of the nervous system and the endocrine system and the immune system, the common research methods in the field, and psychosocial influences on neuroimmunology and mental and physical health. Some of the topics that will be studied include stress and trauma, social relationships, emotions, beliefs, and coping mechanisms, in relation to neuroimmune processes and various diseases.

#### **Equal Rights: The Case of People with Disabilities**

**Dr. Caroline Gutman** \_\_\_\_\_\_\_\_/5022215 - 2 THC/

The course will deal with a critical and in-depth look at the field of disability with an emphasis on the impact of this perspective on the social work profession, both around the world and in Israel. We will describe disability as a social cultural and political phenomenon, and as a social construct. The course offers an opportunity to rethink the relationship between social work professionals and people with disabilities throughout their life course.



## Inspiration of States of Consciousness on Body-Mind and What Lies Between Them

Prof. Ofra Walter /6044495 - 2 THC/

From the moment man began to experience his existence as a conscious object, he acquired an intuitive concept that changes in his body are in some way related to his mood and emotions. In this course, we will focus on the profound interrelationships between body and mind and their mutual influence and that there is consciousness in the body, not just in consciousness. We will learn the different treatment and therapy approaches and examine research in the cognitive and physiological fields. Finally, we will recognize from direct experience benefits and improvements in our body-mind.

Learning outcomes:

• The students will be exposed to physical and mental intervention approaches and understand physical and cognitive indicators of the nervous system and body sensations.

Students will develop awareness and acquire tools for the study of consciousness.

The student will learn to use the technique to experience consciousness in its pure, transcendental form, breathing in attention and its effect on emotional expressions and physical and mental stress, with diverse populations in therapy, counseling, and education.

#### Agriculture and Food Systems: Local and Global Perspectives

Dr. Adam Abramson /8033189 - 2 THC/

How we grow, trade, and consume our food impacts the local and global environment, economy and our society's overall sustainability. This course covers some of the main issues related to the agriculture-food-environment nexus: Israeli and global food production and trade, the role of policy, the paradox of foreign farm workers, the importance of water in agriculture, and the connection between food and human health. We will also cover some emerging issues including regenerative agriculture, soil health, carbon markets and the race to "net zero." We will host several guest speakers to give their perspectives on some of these issues. Throughout the course, we hope to gain insights into how we might answer the question: "Is our food system sustainable?"

#### **Animal Models for Neuroscience**

Neuroscientists strive to understand how the brain works, how brain function relates to behavior, as well as the origin and development of brain diseases. In order to do so they conduct experiments. While studying human behavior and the human brain via non-invasive methods as well as postmortem studies can give us great insights, there is a limit to the information that can be obtained. Therefore, scientists have turned to animal models, in which more invasive experiments can be performed and experimental conditions can be carefully controlled. One main assumption behind animal models is that many animal species have biological mechanisms, behavior and diseases similar to humans. Due to the high social and economic burden of brain diseases on humans, it is generally believed that the anticipated benefits of animal experiments to human health and well-being justifies the use of animals.

This course covers 1) the history of animal models for neuroscience, 2) existing animal models (e.g. rodents, C. Elegans, non-human primates) in relation to neuropathology, 3) type of experiments and methods (e.g. behavior, biological, genetic), 4) (dis-)advantages and ethics of animal models.

#### **Topics in Disability**

The course will offer a critical and in-depth perspective on the field of disability, with an emphasis on its impact on the state education system worldwide and more specifically in Israel. We will explore the field of "disability" through the use of a disability lens, identifying it as a social construction bearing social, cultural and political aspects.

The course offers the students new concepts, theories and models, that will promote the inclusion of disabled people in our society by considering the creation of a new discourse around our professional relationships with disabled people (both young people and their families).



## Applied Ethnographic Perspective: Understanding Organizational Field Research

Dr. Yahal Kurlander /3500021 - 2 THC/

Students will be exposed to fieldwork research methodology that will aid them in understanding a given organization and to tell its story from various viewpoints, both from inside and outside the organization, such that a complex and "thick" picture thereof emerges. To that end, the course is divided into two parts: theoretical, and practical. In the theoretical portion, the students will be exposed to complex, thick, and holistic analysis of organizations using the qualitative method. They will become familiar with the practical and theoretical principles thereof, including its advantages and drawbacks. In the practical portion, they will conduct small-scale ethnographic research on the organization wherein they are doing their practicum, under close supervision by the instructor. This portion will be taught dynamically, while in class sessions we will progress as a class through the various stages of conducting research alongside presenting and sharing between the students. The students' focus on fieldwork in an organization will address various perspectives of the concept of bureaucracy in organizations as a basic concept in organizational sociology. The students will be exposed to ethnographies done by researchers on various organizations, and will apply these perspectives in their own research.

#### **Health Psychology**

Health psychology deals with the relationships between psychological factors and health and illness. This includes attitudes, emotions, and relationships that foster good health and conversely, those that place us at risk for illness. The purpose of this course is to introduce the basic ideas, research methods, and research findings in the field. Some of the topics covered include stress and coping mechanisms, relationships, emotions, beliefs, personality traits, loneliness, and placebo effect (among others), in relation to various illnesses such as pain, cancer, autoimmune disorders, and cardio-metabolic diseases. Emphasis will be placed on the physiological mechanisms that underlie mind-body connections and on individual differences.

#### **Maps and Mapping**

Not v	ret determined/	3000097 -	2 THC/
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Maps are an image or a mirror of reality, but maps show much beyond that. Maps are often the best way to stimulate spatial and critical thinking and evoke new understandings about world phenomena and human evolution. Maps hold within them ideas and goals. This course consists of lectures, class discussions, practical experimentation in mapping and analysis of old maps in the Map Room at Tel-Hai. The course will present the development of mapping in the world from antiquity to the present day. We will then learn how a map is created, the innovations and changes in mapping over the years and we will see why today maps and mapping are even more relevant than ever. This course will also discuss how maps are used for political purposes, and a bit on geopolitics. In addition, we will learn the importance of landscapes and how to read them and show them on maps. The course consists of also two online units.

#### **Community-based Art Therapy**

#### **Dr. Tamar Gavron** / 2400032 - 2 THC/

The course\seminar will focus on basic concepts in social-community approach in art therapy. The course will present theoretical and practical models of community social action in art therapy such as, art- hives, open studio (OSP), social empowerment in art therapy, museums as enabling social change, working with refugees, and psychosocial intervention with trauma-affected communities in Israel and worldwide.

Ethical issues and the cultural humility concepts will be discussed, as required in working with marginalized and underprivileged populations, and/or populations from other cultures. The course will include guest lectures-art therapists from Israel and from other countries who engage in social-community art-based interventions. The final paper will describe an art-based community intervention that will be presented in the course. The seminar research will apply a participatory art-based research, where the students will plan, apply and examine a community-based art therapy project with a specific community.



#### **Acute Stress Prevention and Psychological First Aid**

This course examines the current knowledge of intervening in situations of stress and crisis and the tools to help the individual

It deals with four areas:

A. Identifying the acute stress response

B. Resilience mechanisms and ways to develop them and create a safe place

C. Introduction to the tools to assess the situation

D. familiarity with methods for immediate intervention

E. The impact of trauma on caregivers

Participants will learn these topics in a combination of online lectures exercises, simulations, and short academic assignments that will be submitted after each section.

Course graduates will be given 2 academic points.

#### **Models and Assessment in Drama Therapy**

Prof. Susanna Pendzik /7500012 - 2 THC/

This course introduces students to the main theoretical models in drama therapy and their application. Among others, we will review the EPR Paradigm by Sue Jennings and the Role Theory and Role Method of Robert Landy. Special emphasis will be given to the Six-Key Model, which is used for the purposes of diagnosis and therapeutic intervention. The Six Key Model is an integrative model that connects a variety of approaches in drama therapy, allowing drama therapists to create a "road map" and review a range of processes that take place in drama therapy. The model is applied to both groups and individuals

Multi-Cultural Based Interventions

#### Psychodynamic Psychotherapy: A Developmental Perspective

**Prof. Merav Chen** \_\_\_\_\_\_\_/5700007 - 2 THC/

This course will present basic concepts of psycho-dynamic theories and will focus on their relevance to clinical practice with children and parents in various intervention settings. The course will emphasize central issues in treatment of children and their parents from infancy to adolescence, and the application of theoretical approaches. In this course we will discuss topics, such as: Psychodynamic psychotherapy, object relations, the therapeutic alliance, transference and countertransference, limit setting in treatment, clinical work with parents as well as using observations of children for learning about their inner worlds.

#### **Interprofessional Partnership in Social Work and Health**

Prof. Iris Manor Binyamini ....../510161 - 2 THC/

The course is intended to provide the students with the following: familiarization with the background, rationale and purposes of inter-professional partnership in social work and health. Understanding the role of the human and organizational factor and its effect on inter-professional partnership. Familiarity with central processes in inter-professional partnership. In addition, we will discuss causes of success/efficiency and failure of inter-professional teams that work in the welfare and health systems and the assessment of inter-professional teams. Finally, the course will provide students with knowledge and understanding as to the role of the social worker in promoting inter-professional partnerships and will provide central tools and skills for inter-professional work.

#### Life under Poverty and Advocacy for People Living in Poverty

Dr. Dafna Gross Manus /510298 - 2 THC/

In this course, we will try to better understand the implication of poverty on people's lives to support social workers as advocates for and with them. We will discuss the accepted ways of measuring poverty while referring to various issues and problems in the measurement. We will discuss three main approaches to identify the roots and reasons for poverty, and how poverty shapes the lives of people. We will then turn to attend to the importance of the uptake of rights and benefits, what are the different types of briars people encounter, and how they can be overcome by different types of advocacy acts.



## Faculty of Education and Teaching

Department	Course name	Lecturer's name
English	Alternatives in Teaching English	Dr. Leah Nachmani
English	Developing Teaching Materials	Dr. Suleiman Wadad
English	Effective use of ELT resources	Dr. Leah Nachmani
English	English as an International Language	Dr. Liat Ben Horine
English	History of the English Language	Dr. Sandy Habib
English	ILF: Drama & Novel	Ms. Dow Nardine
English	ILF: Short Story & Poetry	Ms. Dow Nardine
English	Issues in Teaching Reading and Writing	Dr. Leah Nachmani
English	Language, Meaning and Culture	Dr. Abu Alhaija Mahajna Doa
English	Learning Disabilities and EFL Teaching	Dr. Liat Ben Horine
English	Morphology	Dr. Sandy Habib
English	Oral proficiency 1	Dr. Liat Ben Horine
English	Oral Proficiency III	Dr. Liat Ben Horine
English	Phonetics and Phonology	Dr. Sandy Habib



Semester	Day	Time	Lesson Type	Degree
Yearly Course	Wednesday	12:30 - 2:00pm		B.A
Yearly Course	Wednesday	2:30 - 4:00pm		B.A
Yearly Course	Thursday	8:30 - 10:00		B.A
Yearly Course	Friday	8:30 - 10:00	Online Course	B.A
Yearly Course	Wednesday	10:30 - 12:00		B.A
Yearly Course	Tuesday	6:30 - 8:00pm	Online Course	B.A
Yearly Course	Tuesday	4:30 - 6:00pm	Online Course	B.A
Yearly Course	Thursday	12:30 - 2:00pm		B.A
Yearly Course				B.A
Yearly Course	Thursday	12:30 - 2:00pm		B.A
Yearly Course	Tuesday	8:30 - 10:00		B.A
Yearly Course	Thursday	8:30 - 10:00		B.A
Yearly Course	Thursday	10:30 - 12:00		B.A
Yearly Course	Wednesday	12:30 - 2:00pm		B.A

## Faculty of **Education and Teaching**

Department	Course name	Lecturer's name
English	Proseminar in English Literature: The Brontës	Ms. Dow Nardine
English	Semantics and Pragmatics	Dr. Sandy Habib
English	Survey of American Literature	Nardeen Dow
English	Syntax	Dr. Sandy Habib
English	Vocabulary Acquisition	Dr. Leah Nachmani
English	Children's Literature	Dr. Liat Ben Horine
English	Style and Composition 1	Dr. Liat Ben Horine
English	Composition & Style II	Dr. Liat Ben Horine
English	Introduction to Language Acquisition	Dr. Leah Nachmani
English	Shakespeare	Dr. David Hadar
English	Structure of the English Language	Dr. Leah Nachmani
English	Teaching, Evaluation and Assessment	Dr. Leah Nachmani
English	Educational Leadership Theories, Performance, and implications	Prof. Oplatka Yizhar

- \* Lesson times can vary
- \* 1 THC credit point equal to 1.5 ECTS





Semester	Day	Time	Lesson Type	Degree
Yearly Course	Tuesday	8:30 - 10:00		B.A
Yearly Course	Tuesday	12:30 - 2:00pm		B.A
Yearly Course	Tuesday	12:30 - 2:00pm		B.A
Yearly Course	Wednesday	8:30 - 10:00		B.A
Yearly Course	Thursday	10:30 - 12:00		B.A
Semester 1	Thursday	2:30 - 4:30pm		B.A
Semester 2	Monday	10:30 - 2:00pm		B.A
Semester 2	Monday	2:30 - 4:00pm		B.A
Semester 2	Thursday	2:30 - 4:00pm		B.A
Semester 2	Friday	10:30 - 12:00	Online Course	B.A
Semester 2	Friday	8:30 - 10:00	Online Course	
Semester 2	Wednesday	8:30 - 10:00		B.A
Semester 2			Online Course	M.A

#### **Alternatives in Teaching English**

Dr. Leah Nachmani	/5969-01 -	4 THC
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This course aims to introduce students to alternative study techniques and materials relevant to EFL. Additionally, the course will establish links between practice and theory and will encourage students to think independently and to try out their own ideas based on work done in class, at home, and in their own EFL classrooms. The course aims also to encourage students to use techniques they have learned in class and to draw their own conclusions.

#### **Developing Teaching Materials**

#### Dr. Suleiman Wadad /5965-00 - 4 THC/

This course aims at familiarizing student teachers with the process of developing materials for EFL teaching. The course will focus on development and design principles as recommended by the English curriculum, and will develop critical considerations regarding materials selection and design. The course will provide opportunities for practical experiencing in identifying, selecting, sequencing, adapting, modifying, developing and designing materials for EFL learners.

#### **Effective Use of ELT Resources**

#### Dr. Leah Nachmani /6413-00 - 4 THC/

This course provides students with tools that will enable them to effectively use songs, visual aids, drama, roleplaying, and games in the EFL classroom, and to develop activities and units that make use of these tools. Students in the course will develop an understanding of linguistic and pedagogical issues behind the use of these tools, as well as a rich repertoire of activities and models for future use in the classroom.

#### **English as an International Language**

#### Dr. Liat Ben Horine /6419-01 - 4 THC/

This course relates to the significant changes English has undergone in the modern era. More specifically it will relate to the varieties of English which have developed with respect to such aspects as pronunciation, vocabulary, syntax and spelling both within those countries in

#### **Faculty of Education and Teaching**

which English is considered a native language and in those in which it is rapidly becoming an international language. Within this context the course will examine the cultural impact of this development and its influence on how English is being taught around the world.

#### **History of the English Language**

**Dr. Sandy Habib** /6418-01 - 4 THC/

This course surveys the history and central texts in the development of the English language from the period of old English (450-1150), middle English (1150-1500), early modern English (1500-1700), modern English (1700-the present) as well as the varieties of English in use today.

#### **Issues in Teaching Reading and Writing**

**Dr. Leah Nachmani** /6408-00 - 4 THC/

The course proposes a reflection on two of the major skills required in FL teaching: reading comprehension and writing. The course is designed to give students an introduction to theoretical issues in first and second language reading acquisition and reading comprehension and develop students' working knowledge about the nature of reading and writing moving from the very basic stages to the more advanced. In addition, students will get familiar with the various theories about the reading and writing processes and raise their awareness to some of the difficulties that both reading and writing present.

#### **Language, Meaning and Culture**

Dr. Abu Alhaija Mahajna Doa ................................./5976-00 - 4 THC/

Every language is a window to a culture, and this course deals with the core of language, i.e. meaning, thus enabling students to have insights not only into different languages but also different cultures. More specifically, it aims at investigating how different meanings are expressed in language. We will deal with the meanings of a number of English words, as well as with their near equivalents in Hebrew and Arabic. We will also deal with some grammatical categories and constructions.



#### **Learning Disabilities and EFL Teaching**

Dr. Liat Ben Horine /6416-01 - 4 THC/

In the course of their teaching careers, students will meet a variety of pupils needing special understanding and consideration to enable their learning. This course will provide an initial exposure to the field of special education in order to understand and enable the functioning of all pupils in their classrooms.

#### **Morphology**

Dr. Sandy Habib /5958-00 - 4 THC/

This course is an introduction to English morphology. It provides the student with an orderly and systematic description of the facts of English morphology, together with an understanding of the morphological and grammatical notions relevant for an adequate description of these facts.

#### **Oral proficiency 1**

Dr. Liat Ben Horine /5954-00 - 4 THC/

This course offers students opportunities to develop and enhance their oral proficiency level through whole class discussions, small group interactions and individual presentations through online synchronous and asynchronous learning/ In-class interactions. Students will focus on accuracy, vocabulary, fluency and comprehensible pronunciation in order to improve their communicative competence.

#### **Oral Proficiency III**

Dr. Liat Ben Horine /595601 - 4 THC/

While Oral Proficiency I and II aim to develop the students' oral fluency and confidence in using English in individual and small group situations, this course oral proficiency 3 will develop the students' ability in the art of speaking in public.

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#### **Phonetics and Phonology**

**Dr. Sandy Habib** /5962-00 - 4 THC/

The course aims to provide students with background in English phonetics and phonology. It also aims at raising the students' awareness of the way English sounds are pronounced and at helping them improve their pronunciation in English.

#### Proseminar in English Literature: The Brontës

**Ms. Dow Nardine** / 6414-00 - 4 THC/

This course aims to introduce the students to the Brontes sisters, to their published novels, and to the historical and literary context in which these works were written. It is a reading and discussion seminar in which we will study and deliberate over four novels of the Bronte sisters (Charlotte, Emily, and Anne). One of the main questions for discussion while looking closely at their writings is what it means to be a women writer in England in 1847.



#### **Semantics and Pragmatics**

Dr. Sandy Habib /596	60-00 - 4	4 THC/
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This course is an introduction to the study of meaning (semantics) and the study of language in use (pragmatics). In this course, the students will be acquainted with different theories in semantics and in pragmatics. In addition, using one of the theories, they will semantically and pragmatically analyze the meaning of different English words and constructions.

#### **Survey of American Literature**

Nardeen Dow /6415-01 - 4 THC/

The course is designed to acquaint students with some of the major voices of American literature in their historical contexts. We will read a broad selection of essays, poetry, fiction and drama and discuss questions of exploration narratives, ideology and literature, and the impact of social and cultural changes on modes of literary representation.

#### **Syntax**

Dr. Sandy Habib /5961-00 - 4 THC/

This course is an elementary introduction to the scientific study of grammar. It is intended as a first encounter of the student with the idea that the grammar of a language, such as English, is a natural phenomenon governed by rules and principles that can be explored and discovered through the application of scientific methods. In this course this is done through a detailed exploration of English syntax.

#### **Vocabulary Acquisition**

Dr. Leah Nachmani /6417-01 - 4 THC/

This course aims to provide students with tools for effective vocabulary teaching in the second language classroom. Students will develop an operational understanding of concepts involved with vocabulary knowledge, acquisition and teaching. In addition, students will learn how to apply this understanding in the language classroom, how to develop materials and activities and incorporate them in the syllabus for future use in the classroom.

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#### **Children's Literature**

#### Dr. Liat Ben Horine /5971-00 - 2 THC/

Students in this course will be exposed to a variety of children's literature including stories, picture books, fairytales, poetry and drama. Students will reflect on what literature is and how children's literature is similar or different from other literature. Students will learn about the historical background of children's literature and will discuss the key themes in children's literature. Students will learn the effective techniques for reading a story before a class and practice their oral reading skills.

#### **Style and Composition 1**

Dr. Liat Ben Horine /6061-00 - 2 THC/

The writing course aims to enable students to express their ideas and thoughts in writing creatively and accurately. The course also provides future English teachers with a greater understanding of composition and style in regard to the mechanics, structure and content of writing in English.





#### **Shakespeare**

Dr. David Hadar		/5975-0:	1 - 2 THC
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The aim of his course is to acquaint students with the writer, Shakespeare, and his time period. Through a close reading of his sonnets and plays, there will be a careful study of the complex ideas reflected in his works. Students will study background information of the theatre of that time and have opportunities to perform sections of Shakespeare's works. Various ways of introducing and using Shakespeare in the English language classroom will be explored.

#### Structure of the English Language

#### Dr. Leah Nachmani /5949-01 - 2 THC/

The course aims to provide students with background in the structure of English in order to understand and use grammatical principles correctly. The course offers students opportunities to develop their basic knowledge in English, while understanding its grammatical structures and improving their level of language mastership.

#### **Teaching, Evaluation and Assessment**

#### Dr. Leah Nachmani /5968-01 - 2 THC/

The course will familiarize the students with concepts related to testing and assessing competence in a foreign language. Drawing on the underlying principles presented in the English curriculum, the course aims at providing students with opportunities to examine principles in assessment and evaluation of language knowledge. The course will familiarize students with the theoretical considerations involved in assessment, and provide opportunities for practical experience in the preparation of a variety of assessment and alternative assessment tools.

### **Faculty of Education and Teaching**









## **Academic Calendar**

Autumn Semester Begins	October 15 <sup>th</sup> , 2023
Memorial Day for Yitzhak Rabin	October 26 <sup>th</sup> , 2023
Shabbaton - elections for local authorities	October 31 <sup>st</sup> , 2023
Hanukkah Break	December 10 <sup>th</sup> - December 14 <sup>th</sup> , 2023
Christmas Day Holiday	December 25 <sup>th</sup> , 2023
Autumn Semester Ends	January 24 <sup>th</sup> , 2024
Autumn Semester Exam Period	January 28 <sup>th</sup> , 2024
Spring Semester Begins	March 3 <sup>rd</sup> , 2024
Purim Break	March 21 <sup>st</sup> - 24 <sup>th</sup> , 2024
Eid Al Fitr Holiday	April 10 <sup>th</sup> , 2024
Passover Break	April 21 <sup>st</sup> - April 30 <sup>th</sup> , 2024
First Day of School After Passover Break	May 1 <sup>st</sup> , 2024
Yom Ha'Shoah (Holocaust Remembrance Day)	May 6 <sup>th</sup> , 2024
Yom Ha'Zikaron Eve (Fallen Soldiers Memorial Service)	May 12 <sup>th</sup> , 2024
Memorial Day	May 13 <sup>th</sup> , 2024
Independence Day	May 14 <sup>th</sup> , 2024



### 2023/2024



Shavuot Holiday	May 11 <sup>th</sup> - 14 <sup>th</sup> , 2024
Graduation Ceremony (Master Degree)	TBA
Graduation Ceremony (Bachelor Degree)	TBA
Spring Semester Ends	June 23 <sup>rd</sup> , 2024
Spring Semester Exam Period	June 24 <sup>th</sup> , 2024

<sup>\*</sup> Dates subject to change

**Exam period: Semester 1** - 24.1-3.3 // **Semester 2** - 28.6-31.7







