



## SYLLABUS

# PALAZZI FLORENCE ASSOCIATION FOR INTERNATIONAL EDUCATION FLORENCE UNIVERSITY OF THE ARTS APICIUS - INTERNATIONAL SCHOOL OF HOSPITALITY

SCHOOL OF SPORTS AND HEALTH SCIENCES  
DEPARTMENT OF SPORTS SCIENCES  
DEPARTMENT OF DIETETICS AND NUTRITION  
DEPARTMENT OF HAPPINESS SCIENCES

**COURSE TITLE: HEALTH AND FITNESS IN THE MEDITERRANEAN**  
**COURSE CODE: SHSSHN150; FWDNHN150; GSHSHN150**

3 Semester Credits

### **1. DESCRIPTION**

Studies have shown that following the Mediterranean diet has many health benefits, especially when combined with exercise. This course includes lectures on various forms of physical and lifestyle activities and an overview of their respective health benefits. Lectures will also include visits to athletic centers within the local community and the nutritional aspects of the Mediterranean diet, and particularly the Italian culinary tradition. Cooking labs, wine tastings, and physical activity are integral components of the course and will result in the creation of a customized exercise and nutritional program by the student. This course also features a field learning component in relevant Italian locations to supplement and enrich academic topics.

### **2. OBJECTIVES**

The aim of this course is to provide the students a study of fitness and wellness and their relationship to a healthy lifestyle based on the Mediterranean diet. Upon successful completion of this course, students will learn the ways in which a healthy diet and various forms of exercise interact and influence the body. Upon successful completion of this course students will be able to apply the Mediterranean diet and exercise in their own lives by designing a personal and customized fitness program and diet.

### **3. REQUIREMENTS**

There are no prerequisites for this course.

### **4. METHOD**

This course consists of lectures, class discussions, and site visits. Mediums for instruction used will include, but are not limited to, interactive and hands-on activities which challenge thought processes, academic texts and studies, videos, slides, guided problem solving, and experiential and/or field learning activities where applicable. Lectures will include various forms and practical applications of physical activity and analysis of physiological benefits and consequences integrated with culinary labs in which students will prepare and discuss nutritional components of the food.

This class includes field learning hours. Field learning is a method of educating through first-hand experience. Skills, knowledge, and experience are acquired outside of the traditional academic classroom setting and may include field activities, field research, and service learning projects. The field learning experience is cultural because it is intended to be wide-reaching, field-related content is not limited to the course subject but seeks to supplement and enrich

academic topics. Students will have the opportunity to integrate theory and practice while experiencing Italian culture, art, and community within the Italian territory. Faculty will lead students in experiencing Italian culture through guided projects and field experiences as planned for the course. Field learning will be developed through classroom preparation, follow up projects, and guided learning outcomes. Field learning will provide students with the opportunity to develop skills and appreciate the multifold components of Italian Culture through direct experience. Field education will advance student learning as a relationship-centered process.

## **5. TEXT BOOK – FURTHER READINGS – RESOURCES**

### **TEXT BOOK**

Chris Hopper, Bruce Fisher, Kathy D. Munoz. Physical Activity and Nutrition for Health, 1<sup>st</sup> ed. 2008 - £35.99

### **FURTHER READINGS**

*(Books listed below are available in the FUA library)*

#### Wellness:

David J. Anspaugh, Michael H. Hamrick, Frank D. Rosato. Wellness concept and applications.

Charles Corbin, Greg Welk, William Corbin, Karen Welk. Concept of fitness & wellness, 10ed. 2012.

Human Kinetics: Health and Wellness for life. 2010.

Ace McCloud. Health ultimate health secrets. 2014.

Meeks, Heit, Page. Health or Wellness. 2004.

James Robinson III, Deborah J. Mc Cornick. Concepts in health & wellness. 2010.

#### Mediterranean Diet:

Harmon Jenkins N., *The New Mediterranean Diet Cookbook*, Bantam, 2009.

Williams-Sonoma, *Mediterranean Cooking*, Time Life Books, 1997

Cloutier M. - Adamson E., *The Mediterranean Diet*, Avon Books, 2004

Capatti A., Montanari M., *Italian Cuisine*, Columbia University Press, N.Y. 1999

Artusi Pellegrino, *Science in the Kitchen and the Art of Eating Well*, NY, 1997 (1891).

Piras C., *Culinaria Italy*, Ullmann 2007

Mueller T., *Extravirginity*, Atlantic Books, 2012

Wardlaw G., Smith A., *Contemporary Nutrition*, McGraw Hill, 2009 (7ed.)

Elliot R., *Mediterranean Feasts*, Little Books, 2004

### **LIBRARIES IN FLORENCE**

The FUA library is located in Corso Tintori 21. Please consult the posted schedules for official opening times. Also note that the library is for consultation only and it is not possible to borrow materials. The library is equipped with a scanner and internet access so that you may save or email a digital copy of the pages needed.

Students are also encouraged to take advantage of Florence's libraries and research centers:

#### **Biblioteca Palagio di Parte Guelfa**

Located in Piazzetta di Parte Guelfa between Piazza della Repubblica and Ponte Vecchio.

Please consult the library website for hours of operation:

[http://www.biblioteche.comune.fi.it/biblioteca\\_palagio\\_di\\_parte\\_guelfa/](http://www.biblioteche.comune.fi.it/biblioteca_palagio_di_parte_guelfa/)

#### **Biblioteca delle Oblate**

Located in via dell'Oriuolo 26. Please consult the library website for hours of operation:

[www.bibliotecadelleoblate.it](http://www.bibliotecadelleoblate.it)

## **The Harold Acton Library at the British Institute of Florence**

Located in Lungarno Guicciardini 9. Please consult the library website for hours of operation and student (fee-based) membership information: [www.britishinstitute.it/en](http://www.britishinstitute.it/en)

### **6. FIELD LEARNING**

Please consult your Official Registration for any mandatory field learning dates. Field Learning Activities cited in Official Registrations are an integral part of the course and also include an assignment that counts towards your final grade, details will be provided on the first day of class.

### **7. COURSE MATERIALS**

No additional course materials are necessary.

### **8. COURSE FEES**

Course fees cover course-related field learning activities, visits, and support the instructor's teaching methodologies. Book costs are not included in the course fee. The exact amount will be communicated by the instructor on the first day of class.

### **9. EVALUATION – GRADING SYSTEM**

10% Attendance

15% Class Participation – Assignments

25% Midterm Exam, Field Learning project (if applicable), Special/Research Project (if applicable)

30% Final Exam

20% Paper/Project

A = 93-100 %, A- = 90-92%, B+ = 87-89%, B = 83-86%, B- = 80-82%, C+ = 77-79%, C = 73-76%, C- = 70-72%, D = 60-69%, F = 0-59%, W = Official Withdrawal, W/F = Failure to withdraw by the designated date.

### **10. ATTENDANCE – PARTICIPATION**

Academic integrity and mutual respect between instructor and student are central to the FUA academic policy and reflected in the attendance regulations. Student presence is mandatory and counts toward the final grade.

On the **second absence** the attendance and participation grade will be impacted. Please note that missing certain field learning activities may count for more than one absence.

On the **third absence** the instructor may lower the final grade by one letter grade. (Example: Final grade average of 93% or A will become a B).

**The fourth absence constitutes automatic failure of the course. Students with excessive absences will be asked to withdraw with a W (if before the deadline) or leave the course with a WF.**

#### **Late Arrival and Early Departure**

Arriving late or departing early from class is not acceptable. Two late arrivals or early departures or a combination will result in an unexcused absence. Travel is not an exceptional circumstance.

**Travel (or delays due to travel) is NEVER an excuse for absence from class.**

It is always the student's responsibility to know how many absences he or she has in a course. If in doubt, speak with your instructor!

**Participation:** Satisfactory participation will be the result of contributing to class discussions by putting forth insightful and constructive questions, comments and observations. Overall effort, cooperation during group work and in-class activities, responsible behavior, and completion of assignments will be assessed. All of the above criteria also applies to Field Learning and site visits.

## **11. EXAMS – PAPERS – PROJECTS**

The **Midterm** exam accounts for 25% of the final course grade. For exam time and date consult the course website. **The time and date of the exam cannot be changed for any reason.**

Format: the exam is divided into three sections:

- Part I: 10 Multiple choice questions. Each correct answer is worth 2 points, for a total of 20 points.
- Part II: 10 short-answer questions. Each correct and complete answer (concise explanations, main ideas, key words, names, etc.) is worth 5 points, for a total 50 points.
- Part III: two essay questions; each correct and complete answer is worth 15 points (based on content, vocabulary, detail, etc.) for a total of 30 points.

The final **Paper/Project** accounts for 20% of the course grade.

- Format: topic, length, guidelines, and due date will be provided in the course website.
- Material for research will be available in the FUA Library in Corso Tintori 21.

The **Final** exam accounts for 30% of the final course grade. For exam time and date consult the course website. **The time and date of the exam cannot be changed for any reason.** Format: the exam is divided into three sections:

- Part I: 10 Multiple choice questions. Each correct answer is worth 2 points, for a total of 20 points.
- Part II: 10 short-answer questions. Each correct and complete answer (concise explanations, main ideas, key words, names, etc.) is worth 5 points, for a total 50 points.
- Part III: two essay questions; each correct and complete answer is worth 15 points (based on content, vocabulary, detail, etc.) for a total of 30 points.
- The Final Exam is cumulative

## **12. LESSONS**

<b>Lesson 1</b>	
Meet	In class
Lecture	General overview and introduction to the course. Part. I. Focus on the exercise contents; Part. II. Focus on the evolution of the mediterranean diet from Italy, Greece, and all over the world. Geography, culture, food rituals and development. Food pyramids: The Traditional Mediterranean food pyramid meet the PAT ( <i>Piramide Alimentare Toscana</i> ).
Visit	The typical Florentine Food Markets: Tour at San Lorenzo and/or at Sant'Ambrogio Market (refer to course website)
Objectives	Discover and understand lifestyle, rituals, food, wine related to the Mediterranean diet. Become familiar with the traditional ingredients and produce of Italy. Fish, meat, pasta, rice, bread, legumes, fruit, vegetables will be described and commented by the teacher to understand the typical produce available around Italy.
Readings/ Assignments	Hopper, Fisher, Munoz. <i>Physical Activity and Nutrition for Health</i> , 2008. Refer to course website for assigned pages.

<b>Lesson 2</b>	
Meet	In class
Lecture	Introduction. Tour of FUA's La Palestra and Assi Giglio Rosso
Objectives	The students will take a tour of our sport facilities: Dance Room where we organize classes as Zumba, Hip Hop, Yoga, Abs & Legs, Classic Ballet; Workout Room with cardio machines (treadmills, stationary bikes, elliptical machines, cross trainers, multi gyms, free weights, benches). Assi Giglio Rosso: located on the hills of Viale Michelangelo, the terrace of Florence. Students will explore sports such as tennis, football, roller skating, hockey and basketball at a facility founded in order to promote sport and physical activities within the Florentine territory and intended to improve the quality of life in the city.
Visit	FUA Sports facilities and Assi Giglio Rosso
Readings/ Assignments	Hopper, Fisher, Munoz. <i>Physical Activity and Nutrition for Health</i> , 2008. Refer to course website for assigned pages.

<b>Lesson 3</b>	
Meet	In class
Lecture	Walking tour to Piazzale Michelangelo
Objectives	Understand power walking form, technique and effective positioning. Analysis and comparisons of energy consumption in relation to body parts and targeted movements. Evaluation of power walking in relation to other forms of physical fitness
Readings/ Assignments	Hopper, Fisher, Munoz. <i>Physical Activity and Nutrition for Health</i> , 2008. Refer to course website for assigned pages.

<b>Lesson 4</b>	
Meet	In class
Lecture	Mediterranean Ingredients: Cheese, Ham, Balsamic Vinegar. History and Uses of the different products. Nutritional value. Process of production.
Objectives	Become familiar with how these three different products are processed and produced in Italy; Understand how to read a label; Understand how taste and pair them. Tasting of Parmigiano Reggiano, Traditional Balsamic Vinegar and Parma Ham.
Readings/ Assignments	Hopper, Fisher, Munoz. <i>Physical Activity and Nutrition for Health</i> , 2008. Refer to course website for assigned pages.

<b>Lesson 5</b>	
Meet	In class
Lecture	Biking at Cascine park
Objectives	Examine cycling as an aerobic activity, following its effects on internal organs and blood flow. Monitor physiological reactions such as deeper breathing, perspiration, and increased body temperature, and the ways in which these effects and interactions contribute to overall fitness level. Analysis of health benefits of regular cycling such as: increased cardiovascular fitness, increased muscle strength and flexibility, improved joint mobility, decreased stress levels, improved posture and coordination, strengthened bones, decreased body fat levels, prevention or management of disease, reduced anxiety and depression.
Visit	Cascine Park in Florence (refer to course website)
Readings/ Assignments	Hopper, Fisher, Munoz. <i>Physical Activity and Nutrition for Health</i> , 2008. Refer to course website for assigned pages.

<b>Lesson 6</b>	
Meet	FUA Building - Corso dei Tintori, 21
Lecture	Rowing Canottieri
Objectives	Recognize the unique benefits and effects of rowing: build and tone muscles, strengthen cardiovascular function, and increase your stamina. Aerobic states and the role of endurance exercise in heart function, effects of rowing technique and manipulation of tension levels in relation to speed and resistance Role of carbohydrates to provide the energy required to exercise. Benefits of rowing as aerobic exercise and low impact exercise. Analysis of muscles involved in exercise and how they work together to facilitate rowing activity.
Readings/ Assignments	Hopper, Fisher, Munoz. <i>Physical Activity and Nutrition for Health</i> , 2008. Refer to course website for assigned pages.

<b>Lesson 7</b>	
Meet	In class
Lecture	MIDTERM EXAM

<b>Lesson 8</b>	
Break	

<b>Lesson 9</b>	
Meet	In class
Lecture	Mediterranean drinks: Wines. White, Red wines produced in Italy and their impact on the daily diet. Special use of the dessert wines to celebrate festive meals. Production, grapes, cellars of typical Italian regions to represent the cultural heritage from Northern, Central, and Southern Italy. Nutritional value of the wine. Classification and role of the antioxidants present into the different grape varieties.
Objectives	Identify the different regional productions. Learn how to produce different kinds of wine. Identify the harvest season, according to the wine produced. DOC, DOCG, IGT labels to Understand the different categories of wine classification. Tasting of 3 Italian wines: Chardonnay from Veneto, Chianti Colli Fiorentini from Toscana, Passito di Pantelleria from Sicily.
Readings/ Assignments	Hopper, Fisher, Munoz. <i>Physical Activity and Nutrition for Health</i> , 2008. Refer to course website for assigned pages.

<b>Lesson 10</b>	
Meet	In class
Lecture	Mediterranean Ingredients: Vegetables, Fruit, and Nuts: the heart and soul of the traditional Mediterranean diet. Fiber intake and nutritional facts, vitamins.
Objectives	Understand the different categories of vegetables, fruit, and nuts produced in Italy; Understand their seasonality and different origins in the Mediterranean diet; Different uses in cooking.
Lab	Recipes: Caponata alla Siciliana; Pesche ripiene.
Readings/ Assignments	Hopper, Fisher, Munoz. <i>Physical Activity and Nutrition for Health</i> , 2008. Refer to course website for assigned pages.

<b>Lesson 11</b>	
Meet	In class
Lecture	Soccer and history
Objectives	Students will have a short lecture from Dr. Fino Fini, director of Museo del Calcio, doctor of the national soccer team Italy for 25 years including 1982 victory of the world cup and professor of sport medicine at the University of Florence before visiting the museum. Topics: History and trophies of the Italian national soccer team from the world cup in 1934 to the victory in 2006. The museum's philosophy.
Visit	Visit to Centro Tecnico di Coverciano and Museo del Calcio (refer to course website)
Readings/ Assignments	Hopper, Fisher, Munoz. <i>Physical Activity and Nutrition for Health</i> , 2008. Refer to course website for assigned pages.

<b>Lesson 12</b>	
Meet	In class
Lecture	Personal Fitness & Wellness at the Gym – 1
Objectives	Begin planning for the final project: students will analyze their own body and prepare a customized fitness program with a specific diet plan based on the information learned in the course thus far
Readings/ Assignments	Hopper, Fisher, Munoz. <i>Physical Activity and Nutrition for Health</i> , 2008. Refer to course website for assigned pages.

<b>Lesson 13</b>	
Meet	In class
Lecture	Mediterranean Ingredients: Pasta. The grains of the Mediterranean: Nutritional value from fibers and carbohydrates. Wheat and Flour. Classification of different type of grains used in the Mediterranean diet. Classification in “Fresh” and “Dry Pasta”.
Objectives	Understand the main features and the importance of wheat, a versatile grain full of resources. Become familiar with the different kind of pasta and similar used in the Mediterranean diet.
Lab	Recipes: Tagliatelle al Pomodoro and basilico; Pesto sauce.
Readings/ Assignments	Hopper, Fisher, Munoz. <i>Physical Activity and Nutrition for Health</i> , 2008. Refer to course website for assigned pages.

<b>Lesson 14</b>	
Meet	In class
Lecture	Personal Fitness & Wellness at the Gym – 2
Objectives	Work on the final project: students will continue and perfect analysis of their own bodies and customized fitness program with a specific diet plan. Review for final exam
Readings/ Assignments	Hopper, Fisher, Munoz. <i>Physical Activity and Nutrition for Health</i> , 2008. Refer to course website for assigned pages.

<b>Lesson 15</b>	
Meet	In class
Lecture	FINAL EXAM