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The Goodwin College of Professional Studies 2008-2009 Graduate Course Descriptions

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Food Science Courses

FDSC 506 Food Composition & Behavior
 Examines the composition of foods and chemical and physical changes in food components occurring during food preparation and processing.
 Credits: 3.00
 College: Goodwin Col/Prof Studies
 Department: Hospitality Management

FDSC 550 Food Microbiology
 Discusses factors affecting microbial growth in foods. Also covers methods of enumeration of food-borne organisms, microbial spoilage of foods, foods and ingredients from fermentation, food-borne pathogens and their control, and sanitation.
 Credits: 3.00
 College: Goodwin Col/Prof Studies
 Department: Hospitality Management

FDSC 551 Food Microbiology Laboratory
 Companion laboratory course to FDSC 550. Covers methods of isolation and enumeration of microorganisms important in foods, food fermentations, and methods of control of microorganisms.
 Credits: 2.00
 College: Goodwin Col/Prof Studies
 Department: Hospitality Management

FDSC 554 Micro & Chem of Food Safety I
 Covers the study of microbiological and toxicological factors affecting the safety of food, including natural toxicants, food additives, and food-borne diseases, toxicoses, and parasites.
 Credits: 3.00
 College: Goodwin Col/Prof Studies
 Department: Hospitality Management

FDSC 556 Food Preservation Processes
 Covers fundamentals of food processing and preservation, including techniques and methods employed to extend the useful life of food products, and the significance of changes in the composition of foods due to processing and enzymatic activity.
 Credits: 3.00
 College: Goodwin Col/Prof Studies
 Department: Hospitality Management

FDSC 558 Nutr Imp of Food Proc Mthds
 Covers the effect of processing on foods emphasizing nutritional and chemical aspects. Includes synthetic foods, food additives, current food processing methods, nutrition policy, consumer dietary patterns, and

food production trends.
 Credits: 3.00
 College: Goodwin Col/Prof Studies
 Department: Hospitality Management

FDSC 560 Food Chemistry
 Covers chemical and physical behavior of food constituents and application of physicochemical principles to processed food systems.
 Credits: 3.00
 College: Goodwin Col/Prof Studies
 Department: Hospitality Management

FDSC 561 Food Analysis
 Covers the application of chemical analysis techniques to food. Food composition analysis (lipids, proteins, carbohydrates) and measurements of chemical reactions in foods (browning, lipid oxidation, starch hydrolysis, protein denaturation) are Studied.
 Credits: 3.00
 College: Goodwin Col/Prof Studies
 Department: Hospitality Management

FDSC 654 Micro & Chem of Food Safety II
 Advanced study of chemical of food safety significance with emphasis on the effects of components normal to food. Risk assessment, regulations and control will be covered.
 Credits: 3.00
 College: Goodwin Col/Prof Studies
 Department: Hospitality Management

FDSC 662 Taste and Odor
 Discusses historical and current theories addressing the anatomy and mechanism of human chemical sensing systems (taste and odor perception and their receptor sites). Includes dietary, environmental, and physiological influences of the chemical senses.
 Credits: 3.00
 College: Goodwin Col/Prof Studies
 Department: Hospitality Management

FDSC 669 Reading in Food Science
 Covers current research and its practical application in food production, processing storage, and preparation. Encourages individual investigation.
 Credits: 3.00
 College: Goodwin Col/Prof Studies
 Department: Hospitality Management

FDSC 680 Special Topics in Food Science

Covers special topics of interest in food science. This course may be repeated for credit.

Credits: 1.00 to 12.00

College: Goodwin Col/Prof Studies

Department: Hospitality Management

FDSC 890 Seminar in Food Science

Current topics in food science will be studied with presentations by invited speakers and students. This course may be repeated for credit.

Credits: 1.00

College: Goodwin Col/Prof Studies

Department: Hospitality Management

FDSC 898 Indep Study in Food Science

Provides individual study or research in food science under faculty supervision. This course may be repeated for credit.

Credits: 1.00 to 12.00

College: Goodwin Col/Prof Studies

Department: Hospitality Management

FDSC 997 Research in Food Science

Students consult with a faculty advisor to identify a suitable problem are in food science and develop and carry out appropriate methodology to address the problem. This course may be repeated for credit.

Credits: 1.00 to 12.00

College: Goodwin Col/Prof Studies

Department: Hospitality Management

Sport Management Courses

SMT 601 Sports Industry Management

This course provides detailed overview of the sports industry and its management and business practices. Students will study organizational theory, human resources, decision making, policy development, planning, governance and management functions.

Credits: 3.00

College: Goodwin Col/Prof Studies

Department: Evening and Professional Studies

SMT 602 Sport Law

The law as it applies to the sports industry including both amateur and professional environments is examined in this course. Designed to foster understanding of the legal system, the course covers tort law, contracts, risk management, and labor management.

Credits: 3.00

College: Goodwin Col/Prof Studies

Department: Evening and Professional Studies

SMT 603 Sports Marketing and PR

The course provides a study of marketing, sponsorship and public relations concepts with an application to the sports industry. Students will cover topics including licensing, merchandising, sponsorships, ticketing, consumer behavior, and market segmentation.

Credits: 3.00

College: Goodwin Col/Prof Studies

Department: Evening and Professional Studies

SMT 604 Sport Media & Technology

A study of the use of technology and the media in the sports industry. Emphasis is placed on the techniques and methods utilized, including ticketing systems, broadcasting networks, online coaching, and interactive television.

Credits: 3.00

College: Goodwin Col/Prof Studies

Department: Evening and Professional Studies

SMT 605 Economic Issues in Sport

Students explore general fiscal and economic principles as they apply to public and private sport organizations. Economic analysis is utilized to study economic impact, media rights, ticket sales, concessions plus the effects of free agency.

Credits: 3.00

College: Goodwin Col/Prof Studies

Department: Evening and Professional Studies

SMT 606 Contemporary Issues in Sport

The purpose of this course is to expand the student's understanding of issues prevalent in the sports industry. Discussions will cover topics including drugs, violence, religion, the media and globalization.

Credits: 3.00

College: Goodwin Col/Prof Studies

Department: Evening and Professional Studies

SMT 610 Seminar on Sports Research

This course will consist of an integration of real world issues with the rigor of academic research. It will involve a series of lectures by leaders in the field of sports management, which will then stimulate further research and discussion.

Credits: 1.00

College: Goodwin Col/Prof Studies

Department: Evening and Professional Studies

SMT 620 Tech and the Sport Product

This course involves an in-depth look at how technology is intrinsic to today's sports industry, including the media, products, equipment and facilities. Students will be introduced to a broad range of technologies and will become familiar with software.

Credits: 3.00

College: Goodwin Col/Prof Studies

Department: Evening and Professional Studies

SMT 621 Leadership in Sport Mgmt

Students will discuss the process of leadership and leadership development in sports organizations. Leadership styles, qualities, philosophies and the ability to adapt to different situations are addressed.

Credits: 3.00

College: Goodwin Col/Prof Studies

Department: Evening and Professional Studies

SMT 622 Sports Agents & Labor Rel

The history of labor relations in sport, including collective bargaining, antitrust laws, reserve clause and the draft are all examined. The course then investigates the workings of sports agents and their impact on the industry.

Credits: 3.00

College: Goodwin Col/Prof Studies

Department: Evening and Professional Studies

SMT 623 Sports Facility Management

The course will encompass the range of sport facilities including arenas, stadiums, athletic tracks, swimming pools and golf courses. Students will learn the skills required to manage these facilities and the main components of facility management.

Credits: 3.00

College: Goodwin Col/Prof Studies

Department: Evening and Professional Studies

SMT 624 Sports Science for Sport Mgmt

An overview of sports science is given, offering students an insight into the issues, methods and techniques used. A broad based course will include the benefits of fitness, lactate and sport specific tests and diet, lifestyle and physical attributes.

Credits: 0.00 to 3.00

College: Goodwin Col/Prof Studies

Department: Evening and Professional Studies

SMT 625 Sports Promotions and Sales

Promotions and sales within the context of sport management. This provides a comprehensive study of promotions and marketing practices in the industry. Analysis of sport sponsorship, retention strategies and evaluation methods, plus fundraising and prom

Credits: 3.00

College: Goodwin Col/Prof Studies

Department: Evening and Professional Studies

SMT 626 Globalization of Sport

An analysis of the impact of globalization on the Sport Industry. Students will be introduced to managerial, human resource and cultural differences that impinge upon the sports industry.

Credits: 3.00

College: Goodwin Col/Prof Studies

Department: Evening and Professional Studies

SMT 627 Sports Tournaments & Events

The organizing, planning and running of sporting events is crucial to any sport manager at any level. Issues of staffing, volunteers, location, security, medical and risk management considerations are just a number of areas that this course will cover.

Credits: 3.00

College: Goodwin Col/Prof Studies

Department: Evening and Professional Studies

SMT 628 Coaching and Management

Through this course, students will gain a detailed understanding of coaching at the school, college and professional level. The management and organizational structures, coaching theories, periodization of training and issues pertinent to coaching.

Credits: 3.00

College: Goodwin Col/Prof Studies

Department: Evening and Professional Studies

SMT 630 Sports Industry Practicum

The practicum is designed to develop greater breadth and depth of student's understanding and experience within the industry. The practical application of the knowledge and skill acquired in classes will help students to extend their expertise.

Credits: 3.00

College: Goodwin Col/Prof Studies

Department: Evening and Professional Studies

SMT 698 Res Dsgn & Techniques in Sport

An examination of research designs, methodology and techniques used in developing the research project or thesis. Historical, empirical and experimental methods will be discussed plus skills related to writing reviews and critiques of literature.

Credits: 3.00

College: Goodwin Col/Prof Studies

Department: Evening and Professional Studies

SMT 699 Project/Research Thesis

The course requires the preparation of a substantial research and writing project/research thesis planned and completed under the guidance of a graduate faculty advisor. It is the culminating work of the Masters program.

Credits: 6.00

College: Goodwin Col/Prof Studies

Department: Evening and Professional Studies