Department of Human Dimensions of Natural Resources

Office in Forestry Building, Room 233
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warnercnr.colostate.edu/welcome-to-hdnr (http://warnercnr.colostate.edu/welcome-to-hdnr)

Professor Michael Manfredo, Department Head
Paul Layden, M.S., Undergraduate Coordinator
Professor Alan Bright, Graduate Coordinator

Undergraduate

Majors
• Major in Human Dimensions of Natural Resources
• Major in Natural Resource Recreation and Tourism
  • Environmental Communication Concentration
  • Global Tourism Concentration
  • Natural Resource Tourism Concentration
• Parks and Protected Area Management Concentration

Graduate

Graduate Programs in Human Dimensions of Natural Resources

Programs lead to a Master of Science in Conservation Leadership, Master of Tourism Management and Master of Science and Doctor of Philosophy degrees in Human Dimensions of Natural Resources. Students interested in graduate work should refer to the Graduate and Professional Bulletin and the Department of Human Dimensions and Natural Resources (http://warnercnr.colostate.edu/hdnr-graduate-study/graduate-program).

Master Programs
• Master of Science in Conservation Leadership, Plan A
• Master of Science in Conservation Leadership, Plan B
• Master of Science in Conservation Leadership, Plan A, Global Specialization
• Master of Science in Conservation Leadership, Plan B, Global Specialization
• Master of Science in Human Dimensions of Natural Resources, Plan A
• Master of Science in Human Dimensions of Natural Resources, Plan B, Conservation Leadership Specialization
• Master of Tourism Management, Plan C

Ph.D.
• Ph.D. in Human Dimensions of Natural Resources*

Certificate
• Graduate Certificate in Ski Area Management

*Please see department for program of study.

Courses

Subjects in this department include: Natural Resource Recreation and Tourism (NRRT).

Natural Resource Recreation and Tourism (NRRT)

NRRT 100 Foundations of Recreation and Tourism Credits: 3 (3-0-0)
Course Description: Current concepts, terminology, suppliers, and the social, economic, and personal benefits from recreation, leisure, and tourism.
Prerequisite: None.
Term Offered: Fall.
Grade Mode: Traditional.
Special Course Fee: No.

NRRT 231 Principles-Parks/Protected Area Management Credits: 3 (3-0-0)
Course Description: Tools and strategies used by managers in parks and protected areas.
Prerequisite: None.
Term Offered: Fall.
Grade Mode: Traditional.
Special Course Fee: No.

NRRT 262 Principles of Environmental Communication Credits: 3 (3-0-0)
Course Description: Principles of environmental communication, education, and interpretation for managing natural and cultural resources.
Prerequisite: None.
Term Offered: Fall.
Grade Mode: Traditional.
Special Course Fee: No.

NRRT 270 Principles of Natural Resource Tourism Credits: 3 (3-0-0)
Course Description: Tourism and private commercial outdoor recreation industry in America.
Prerequisite: None.
Registration Information: Sections may be offered: Online.
Terms Offered: Fall, Summer.
Grade Mode: Traditional.
Special Course Fee: No.
NRRT 301 Conservation Leadership Credits: 3 (3-0-0)
Course Description: Approaches to conservation leadership.
Prerequisites: NRRT 262 and NRRT 231.
Term Offered: Fall.
Grade Mode: Traditional.
Special Course Fee: No.

NRRT 320 International Issues-Recreation and Tourism Credits: 3 (3-0-0)
Course Description: History, development, and preservation of international parks, preserves, tourist and historical sites.
Prerequisite: None.
Registration Information: Sections may be offered: Online.
Term Offered: Fall, Spring.
Grade Mode: Traditional.
Special Course Fee: No.

NRRT 321 Travel Abroad-Marine Ecotourism-Bahamas Credits: 3 (1-3-1)
Course Description: Environmental and socio-cultural aspects of marine ecotourism in the Bahamas.
Prerequisite: None.
Registration Information: Minimum GPA 2.500; 3 credits in natural sciences. Passport and ability to swim will be required.
Term Offered: Summer.
Grade Mode: Traditional.
Special Course Fee: No.

NRRT 330 Social Aspects of Natural Resource Management Credits: 3 (3-0-0)
Course Description: Conceptual frameworks of human dimension research and its application to resource management decisions.
Prerequisite: None.
Terms Offered: Fall, Spring.
Grade Mode: Traditional.
Special Course Fee: No.

NRRT 331 Management of Parks and Protected Areas Credits: 3 (2-3-0)
Course Description: Comprehensive assessment of problems confronted by park professionals and the techniques and tools applied to their solution.
Prerequisites: NRRT 231 and NRRT 330.
Registration Information: Must register for lecture and laboratory.
Term Offered: Spring.
Grade Mode: Traditional.
Special Course Fee: Yes.

NRRT 340 Principles in Conservation Planning and Mgmt Credits: 3 (3-0-0)
Course Description: Social, economic, legal, and ecological concepts that shape planning and management frameworks within conservation.
Prerequisite: NRRT 231.
Registration Information: Required field trips.
Term Offered: Fall.
Grade Mode: Traditional.
Special Course Fee: No.

NRRT 350 Wilderness Leadership Credits: 3 (2-2-0)
Course Description: Practical and philosophical aspects of wilderness usage including safety, group dynamics, and backcountry skills.
Prerequisite: None.
Registration Information: Must register for lecture and laboratory.
Term Offered: Fall.
Grade Mode: Traditional.
Special Course Fee: Yes.

NRRT 351 Wilderness Instructors Credits: 3 (2-2-0)
Course Description: Preparation to safely lead and instruct groups in outdoor wilderness programs; further refine skills including judgement and leadership.
Prerequisite: None.
Registration Information: Must register for lecture and laboratory.
Term Offered: Spring.
Grade Mode: Traditional.
Special Course Fee: No.

NRRT 360 Group Decision Making in Natural Resources Credits: 3 (3-0-0)
Course Description: Theoretical, critical, and practical approaches to group decision making, collaboration, and teamwork related to natural resource management.
Prerequisite: NRRT 262.
Term Offered: Fall.
Grade Mode: Traditional.
Special Course Fee: No.

NRRT 361 Natural Resources and the Media Credits: 3 (3-0-0)
Course Description: Representations of the environment in the media and strategies for effective media relations about natural resource issues.
Prerequisite: NRRT 262.
Term Offered: Spring.
Grade Mode: Traditional.
Special Course Fee: No.

NRRT 362 Environmental Conflict Management Credits: 3 (3-0-0)
Course Description: Theoretical, critical and practical approaches to negotiation, mediation and conflict management strategies related to natural resources.
Prerequisite: NRRT 262.
Term Offered: Fall.
Grade Mode: Traditional.
Special Course Fee: No.

NRRT 363 Outdoor Recreation Programming Credits: 3 (2-2-0)
Course Description: Develop administrative and program planning skills for private, public, and nonprofit recreation tourism organizations.
Prerequisite: NRRT 231 or NRRT 270.
Registration Information: Must register for lecture and laboratory.
Terms Offered: Fall, Spring.
Grade Mode: Traditional.
Special Course Fee: No.

NRRT 370 Managing Tourism in the E-Commerce Era Credits: 3 (3-0-0)
Course Description: E-commerce foundations, business models, and practices in the recreation and travel industry.
Prerequisite: NRRT 270.
Terms Offered: Fall, Spring.
Grade Mode: Traditional.
Special Course Fee: No.
NRRT 371 Techniques in Interpretation  Credits: 3 (2-1-0)
Course Description: Intermediate techniques in interpretation including exhibit design and construction, personal program development and visitor studies.
Prerequisite: NRRT 262.
Registration Information: Must register for lecture and laboratory.
Term Offered: Fall.
Grade Mode: Traditional.
Special Course Fee: No.

NRRT 372 Tourism Promotion  Credits: 3 (3-0-0)
Course Description: Planning, development, and implementation of marketing programs specifically applied to the recreation, travel, and tourism industries.
Prerequisite: NRRT 270.
Terms Offered: Fall, Spring.
Grade Mode: Traditional.
Special Course Fee: No.

NRRT 375 Budgeting and Revenue Resources  Credits: 3 (2-2-0)
Course Description: Budget development, presentation, types, techniques; computer-aided budgeting using spread sheets; revenue generating sources.
Prerequisite: NRRT 213 or NRRT 270.
Registration Information: Must register for lecture and laboratory.
Term Offered: Fall.
Grade Mode: Traditional.
Special Course Fee: No.

NRRT 376 Human Dimensions Research and Analysis  Credits: 3 (2-2-0)
Course Description: Application of human dimensions (recreation) research and analysis techniques to natural resource issues.
Prerequisite: STAT 201.
Registration Information: Must register for lecture and laboratory.
Terms Offered: Fall, Spring.
Grade Mode: Traditional.
Special Course Fee: No.

NRRT 384 Supervised College Teaching  Credits: Var[1-18]
Course Description: 
Prerequisite: None.
Registration Information: A maximum of 10 combined credits for all 384 and 484 courses are counted towards graduation requirements.
Terms Offered: Fall, Spring, Summer.
Grade Mode: Instructor Option.
Special Course Fee: No.

NRRT 400 Environmental Governance  Credits: 3 (3-0-0)
Course Description: Theory and practice of prevalent environmental governance approaches in diverse social and environmental contexts.
Prerequisite: NRRT 231.
Term Offered: Fall.
Grade Mode: Traditional.
Special Course Fee: No.

NRRT 401 Collaborative Conservation  Credits: 3 (3-0-0)
Course Description: Guiding principles and practices for effectively engaging stakeholders in conservation issues and management.
Prerequisite: NRRT 231 or NRRT 262.
Registration Information: Required field trips.
Term Offered: Fall.
Grade Mode: Traditional.
Special Course Fee: Yes.

NRRT 411 Protecting Areas, Working Lands, Livelihoods  Credits: 3 (3-0-0)
Course Description: Management practices of protected areas and working lands that work at the interface of ecological, human, and economic dimensions.
Prerequisites: (NRRT 231) and (LAND 220 or LIFE 220).
Registration Information: Required field trips.
Term Offered: Spring.
Grade Mode: Traditional.
Special Course Fee: Yes.

NRRT 412 Foundations of Forest Recreation  Credit: 1 (0-0-1)
Course Description: History, philosophy, role, and sources of information of the Forest Service and National Forest System.
Prerequisite: None.
Registration Information: Written consent of instructor required. Offered as a correspondence course only.
Terms Offered: Fall, Spring, Summer.
Grade Mode: Traditional.
Special Course Fee: No.

NRRT 413 Meeting Needs of Recreation Users  Credits: 4 (0-0-4)
Course Description: Visitor behavior, communications and conflicts, working with volunteers, programs, partnerships, quality service, and role of interpretive services.
Prerequisite: None.
Registration Information: Written consent of instructor. Offered as a correspondence course only.
Terms Offered: Fall, Spring, Summer.
Grade Mode: Traditional.
Special Course Fee: No.

NRRT 431 Recreation Special Uses and Appeals  Credits: 3 (0-0-3)
Course Description: Special use benefits, authorities, planning, terms and conditions, administration and kinds, appeal review, discretionary review and decisions.
Prerequisite: None.
Registration Information: Written consent of instructor. Offered as a correspondence course only.
Terms Offered: Fall, Spring, Summer.
Grade Mode: Traditional.
Special Course Fee: No.

NRRT 432 Trails, Facility Design, Operation, Maintenance  Credits: 3 (0-0-3)
Course Description: Trail planning, development, maintenance; recreation site planning, design operation, maintenance; visitor and resource protection.
Prerequisite: None.
Registration Information: Written consent of instructor required. Offered as a correspondence course only.
Terms Offered: Fall, Spring, Summer.
Grade Mode: Traditional.
Special Course Fee: No.

NRRT 433 Recreation, Visual, Cultural Resource Management  Credits: 2 (0-0-2)
Course Description: Economic analysis, recreation opportunity spectrum, visual and cultural resource management.
Prerequisite: None.
Registration Information: Written consent of instructor required. Offered as a correspondence course only.
Terms Offered: Fall, Spring, Summer.
Grade Mode: Traditional.
Special Course Fee: No.
NRRT 437 Off-Road Vehicle, River, and Winter Recreation Credits: 2 (0-0-2)
Course Description: History, authorities, planning, management, and coordination of off-road, river, and winter recreation.
Prerequisite: None.
Registration Information: Written consent of instructor required. Offered as a correspondence course only.
Terms Offered: Fall, Spring, Summer.
Grade Mode: Traditional.
Special Course Fee: No.

NRRT 438 Management of Wilderness Credits: 2 (0-0-2)
Course Description: Forest Service role, management principles, legislative differences, components, public education, visitor management, and wilderness management skills.
Prerequisite: None.
Registration Information: Written consent of instructor required. Offered as a correspondence course only.
Terms Offered: Fall, Spring, Summer.
Grade Mode: Traditional.
Special Course Fee: No.

NRRT 439 Open Space and Natural Area Management Credits: 3 (3-0-0)
Course Description: Acquisition of, planning for, and management of local government and private open space and natural areas.
Prerequisite: NR 440 or NRRT 331.
Term Offered: Spring.
Grade Mode: Traditional.
Special Course Fee: No.

NRRT 440 Applications in Environmental Communication Credits: 3 (3-0-0)
Course Description: Application of tools and techniques for communicating to audiences about issues related to conservation, environment and sustainability.
Prerequisite: NRRT 262.
Term Offered: Spring.
Grade Mode: Traditional.
Special Course Fee: No.

NRRT 441 Spatial Analysis of Protected Areas Credits: 3 (2-2-0)
Course Description: Spatial analytical techniques used in planning and managing protected areas, including locating, managing, and assessing parks.
Prerequisite: NRRT 231.
Registration Information: Must register for lecture and laboratory.
Term Offered: Spring.
Grade Mode: Traditional.
Special Course Fee: No.

NRRT 442 Tourism Planning Credits: 3 (3-0-0)
Course Description: Planning for regional tourism resources and programs.
Prerequisite: NRRT 270.
Terms Offered: Fall, Spring.
Grade Mode: Traditional.
Special Course Fee: No.

NRRT 443 Off-Highway Vehicle Recreation in America Credits: 3 (0-0-3)
Course Description: Overviews the supply and demand of off-highway vehicle recreation.
Prerequisite: None.
Registration Information: Offered as a correspondence course only.
Terms Offered: Fall, Spring, Summer.
Grade Mode: Traditional.
Special Course Fee: No.

NRRT 444 Planning for Off-Highway Vehicle Recreation Credits: 3 (0-0-3)
Course Description: Develop working knowledge of the planning tools, concept, and process for off-highway vehicle recreation.
Prerequisite: NRRT 457.
Registration Information: Offered as a correspondence course only.
Terms Offered: Fall, Spring, Summer.
Grade Mode: Traditional.
Special Course Fee: No.

NRRT 445 Managing Off-Highway Vehicle Recreation Credits: 3 (0-0-3)
Course Description: Developing working knowledge of the management tools, techniques, trends, and challenges with off-highway vehicle recreation.
Prerequisite: NRRT 457.
Registration Information: Offered as a correspondence course only.
Terms Offered: Fall, Spring, Summer.
Grade Mode: Traditional.
Special Course Fee: No.

NRRT 446 Event and Conference Planning Credits: 3 (3-0-0)
Also Offered As: RRM 460.
Course Description: Foundation in planning, organizing, and producing special events and conferences. Functions and strategies necessary for effective event management.
Prerequisite: NRRT 270 or RRM 101.
Registration Information: Credit not allowed for both NRRT 460 and RRM 460. Sections may be offered: Online.
Terms Offered: Fall, Spring.
Grade Mode: Traditional.
Special Course Fee: No.

NRRT 447 Environmental Communication-Natural Resources Credits: 3 (3-0-0)
Course Description: Exploration and application of theories, concepts, and techniques for successful environmental communication in natural resources.
Prerequisite: NRRT 262.
Term Offered: Spring.
Grade Mode: Traditional.
Special Course Fee: No.

NRRT 448 Non-Profit Administration in Conservation Credits: 3 (3-0-0)
Course Description: Role of NGOs in protected-area management and conservation education; models for development, including grant writing, in conservation.
Prerequisites: NRRT 231 and NRRT 262.
Term Offered: Spring.
Grade Mode: Traditional.
Special Course Fee: No.
NRRT 470  Tourism Impacts  Credits: 3 (3-0-0)
Course Description: Social, cultural, physical, and economic impacts of tourism; techniques for assessing impacts.
Prerequisite: NRRT 270.
Terms Offered: Fall, Spring.
Grade Mode: Traditional.
Special Course Fee: No.

NRRT 471  Starting and Managing Tourism Enterprise  Credits: 3 (3-0-0)
Course Description: Aspects of starting and managing a tourism enterprise.
Prerequisite: NRRT 231 or NRRT 262 or NRRT 270.
Terms Offered: Fall, Spring.
Grade Mode: Traditional.
Special Course Fee: No.

NRRT 473  Ski Area Management  Credits: 3 (3-0-0)
Course Description: Ski area management; history and trends, ski area operations, human resource management, environmental issues, liability, resort planning and design.
Prerequisite: NRRT 270.
Registration Information: Senior standing.
Terms Offered: Fall, Spring.
Grade Mode: Traditional.
Special Course Fee: Yes.

NRRT 483  Off-Campus Study  Credits: Var[1-18]
Course Description:
Prerequisite: None.
Terms Offered: Fall, Spring, Summer.
Special Course Fee: No.

NRRT 487  Internship  Credits: Var[1-18]
Course Description:
Prerequisite: None.
Terms Offered: Fall, Spring, Summer.
Grade Mode: Instructor Option.
Special Course Fee: No.

NRRT 495A  Independent Study: Administration  Credits: Var[1-18]
Course Description:
Prerequisite: None.
Terms Offered: Fall, Spring, Summer.
Grade Mode: Instructor Option.
Special Course Fee: No.

NRRT 495B  Independent Study: Management  Credits: Var[1-18]
Course Description:
Prerequisite: None.
Terms Offered: Fall, Spring, Summer.
Grade Mode: Instructor Option.
Special Course Fee: No.

NRRT 495C  Independent Study: Interpretation  Credits: Var[1-18]
Course Description:
Prerequisite: None.
Terms Offered: Fall, Spring, Summer.
Grade Mode: Instructor Option.
Special Course Fee: No.

NRRT 496  Group Study  Credits: Var[1-18]
Course Description:
Prerequisite: None.
Terms Offered: Fall, Spring, Summer.
Grade Mode: Instructor Option.
Special Course Fee: No.

NRRT 499  Senior Thesis  Credits: Var[1-18]
Course Description: Independent research project culminating in thesis presented to faculty mentor.
Prerequisite: None.
Terms Offered: Fall, Spring, Summer.
Grade Mode: S/U Sat/Unsat Only.
Special Course Fee: No.

NRRT 504  Water-Based Recreation  Credits: 2 (2-0-0)
Course Description: Identify issues and management strategies for recreation utilization of water resources.
Prerequisite: None.
Registration Information: Written consent of instructor required.
Term Offered: Spring.
Grade Mode: Traditional.
Special Course Fee: No.

NRRT 505  Environmental Education History and Theory  Credits: 3 (3-0-0)
Course Description: History and theories, planning and instruction; outcomes, historical events; ecological literacy; experiential learning models.
Prerequisite: None.
Registration Information: Upper-division course in natural resources. Sections may be offered: Online.
Terms Offered: Fall, Spring, Summer.
Grade Mode: Traditional.
Special Course Fee: No.

NRRT 506  Methods in Environmental Education Research  Credits: 3 (3-0-0)
Course Description: Research methods and designs; literature reviews, needs assessments and program evaluation of environmental education in informal settings.
Prerequisite: None.
Registration Information: Upper-division course in natural resources. Offered as a correspondence course only.
Terms Offered: Fall, Spring, Summer.
Grade Mode: Traditional.
Special Course Fee: No.

NRRT 507  Environmental Education Planning  Credits: 3 (3-0-0)
Course Description: Informal learning theory; evaluation models focused on education in informal settings such as nature centers, zoos, etc.
Prerequisite: None.
Registration Information: One upper-division course in natural resources, biological sciences, or ecology. Offered as a correspondence course only.
Terms Offered: Fall, Spring, Summer.
Grade Mode: Traditional.
Special Course Fee: No.
NRRT 508  Current Issues in Environmental Education  Credits: 3 (3-0-0)
Course Description: Impact of current events, legislation, demographic changes, and other events on informal environmental education.
Prerequisite: None.
Registration Information: One upper-division course in natural resources, biological sciences, or ecology. Offered as a correspondence course only.
Terms Offered: Fall, Spring, Summer.
Grade Mode: Traditional.
Special Course Fee: No.

NRRT 509   Science Education in Informal Settings  Credits: 3 (3-0-0)
Course Description: Theory, application of teaching environmental science in informal settings--nature centers, zoos, etc. Inquiry, safety, group management, experience.
Prerequisite: None.
Registration Information: Upper division course in natural resources or related field. NOTE: This course does not count toward State teacher licensure.
Terms Offered: Spring, Summer.
Grade Mode: Traditional.
Special Course Fee: No.

NRRT 520 Perspectives on Ski Area Management  Credits: 2 (2-0-0)
Course Description: Introduction to the history of skiing, the ski industry, and ski area management around the world.
Prerequisite: None.
Registration Information: Bachelor's degree required. This is a partial-semester course. Sections may be offered: Online.
Terms Offered: Fall, Spring, Summer.
Grade Mode: Traditional.
Special Course Fee: No.

NRRT 521 Sustainable Ski Area Management  Credits: 2 (2-0-0)
Course Description: Examines sustainability issues that relate specifically to ski resort development and management.
Prerequisite: NRRT 520.
Registration Information: This is a partial-semester course. Sections may be offered: Online.
Terms Offered: Fall, Spring, Summer.
Grade Mode: Traditional.
Special Course Fee: No.

NRRT 522 Ski Area Operations and Human Resources  Credits: 2 (2-0-0)
Course Description: Examines ski area operations and services.
Prerequisite: NRRT 520.
Registration Information: This is a partial-semester course. Sections may be offered: Online.
Terms Offered: Fall, Spring, Summer.
Grade Mode: Traditional.
Special Course Fee: No.

NRRT 523 Strategic Ski Area Marketing and Management  Credits: 2 (2-0-0)
Course Description: Examines strategic management and marketing concepts within a ski area context.
Prerequisite: NRRT 520.
Registration Information: This is a partial-semester course. Sections may be offered: Online.
Terms Offered: Fall, Spring, Summer.
Grade Mode: Traditional.
Special Course Fee: No.

NRRT 524 Ski Area Finance and Investment  Credits: 2 (2-0-0)
Course Description: Examines finance and investment considerations relevant to ski area operations and management.
Prerequisite: NRRT 520.
Registration Information: This is a partial-semester course. Sections may be offered: Online.
Terms Offered: Fall, Spring, Summer.
Grade Mode: Traditional.
Special Course Fee: No.

NRRT 525 Ski Area Planning and Development  Credits: 2 (2-0-0)
Course Description: Examines the various planning and design considerations for ski area development and expansion.
Prerequisite: NRRT 520.
Registration Information: This is a partial-semester course. Sections may be offered: Online.
Terms Offered: Fall, Spring, Summer.
Grade Mode: Traditional.
Special Course Fee: No.

NRRT 550 Ecotourism  Credits: 3 (3-0-0)
Course Description: Concept of ecotourism, impacts associated with ecotourism, and role of education/interpretation in mitigating these impacts.
Prerequisite: NRRT 470.
Term Offered: Spring.
Grade Mode: Traditional.
Special Course Fee: No.

NRRT 565 Research-Human Dimensions Natural Resources  Credits: 3 (3-0-0)
Course Description: Theory, research, literature review, hypothesis development, scientific writing, proposal development.
Prerequisite: None.
Term Offered: Fall.
Grade Mode: Traditional.
Special Course Fee: No.

NRRT 600 Tourism Industry Concepts and Practices  Credits: 2 (0-0-2)
Course Description: Primary conceptual issues on contemporary tourism important to comprehend the practice of tourism.
Prerequisite: None.
Restriction: Must be a: Graduate, Professional.
Registration Information: Graduate standing. Offered as an online course only. This is a partial-semester course. Sections may be offered: Online.
Term Offered: Fall.
Grade Mode: Traditional.
Special Course Fee: No.

NRRT 601 Tourism Quantitative Analysis  Credits: 2 (0-0-2)
Course Description: Statistical techniques used by researchers to inform and support tourism decision-making.
Prerequisite: STAT 312.
Restriction: Must be a: Graduate, Professional.
Registration Information: Graduate standing. Offered as an online course only. This is a partial semester course. Sections may be offered: Online.
Term Offered: Spring.
Grade Mode: Traditional.
Special Course Fee: No.
NRRT 602  Tourism Quantitative Analysis II  Credits: 2 (0-0-2)
Course Description: Explores the domestic and international sources of data and their applications for decision-making in tourism.
Prerequisite: None.
Restriction: Must be a: Graduate, Professional.
Registration Information: Graduate standing. Offered as an online course only. This is a partial semester course. Sections may be offered: Online.
Term Offered: Spring.
Grade Mode: Traditional.
Special Course Fee: No.

NRRT 605  Human Dimensions of Natural Resources Theory  Credits: 3 (3-0-0)
Course Description: Application of theories and conceptual approaches from social sciences to study of recreation behavior and natural resource issues.
Prerequisite: None.
Restriction: Must be a: Graduate, Professional.
Term Offered: Spring.
Grade Mode: Traditional.
Special Course Fee: No.

NRRT 610  Natural Resource Management and Tourism Credits: 2 (0-0-2)
Course Description: Connection between the management of tourism resources and the changing conditions of the natural world.
Prerequisite: None.
Restriction: Must be a: Graduate, Professional.
Term Offered: Fall.
Grade Mode: Traditional.
Special Course Fee: No.

NRRT 615  Sustainable Tourism Development Foundation Credits: 2 (0-0-2)
Course Description: Theory, practice, history, terminology, and issues surrounding sustainable tourism development.
Prerequisite: None.
Restriction: Must be a: Graduate, Professional.
Registration Information: Graduate standing. Offered as an online course only. This is a partial semester course. Sections may be offered: Online.
Term Offered: Fall.
Grade Mode: Traditional.
Special Course Fee: No.

NRRT 620  Organizational Management in Tourism Credits: 2 (0-0-2)
Course Description: Concepts of organizational management in the context of tourism.
Prerequisite: None.
Restriction: Must be a: Graduate, Professional.
Registration Information: Graduate standing. Offered as an online course only. This is a partial semester course. Sections may be offered: Online.
Term Offered: Spring.
Grade Mode: Traditional.
Special Course Fee: No.

NRRT 625  Communication/Conflict Management in Tourism Credits: 2 (0-0-2)
Course Description: Negotiation tools for effective organizational communication/conflict management in tourism.
Prerequisite: None.
Restriction: Must be a: Graduate, Professional.
Registration Information: Graduate standing. Offered as an online course only. This is a partial semester course. Sections may be offered: Online.
Term Offered: Spring.
Grade Mode: Traditional.
Special Course Fee: No.

NRRT 650  Financial Management in Tourism Credits: 2 (0-0-2)
Course Description: Concepts in financial management applied to travel and tourism organizations.
Prerequisite: None.
Restriction: Must be a: Graduate, Professional.
Registration Information: Offered as an online course only. This is a partial-semester course.
Term Offered: Fall.
Grade Mode: Traditional.
Special Course Fee: No.

NRRT 655  Tourism Marketing Concepts and Applications Credits: 2 (0-0-2)
Course Description: Marketing processes as they apply to travel and tourism.
Prerequisite: None.
Restriction: Must be a: Graduate, Professional.
Registration Information: Graduate standing. Offered as an online course only. This is a partial semester course.
Term Offered: Fall.
Grade Mode: Traditional.
Special Course Fee: No.

NRRT 660  Law and Legal Liability in Tourism Credits: 2 (0-0-2)
Course Description: Concepts in legal liability and business law in the context of travel and tourism.
Prerequisite: None.
Restriction: Must be a: Graduate, Professional.
Registration Information: Graduate standing. Offered as an online course only. This is a partial semester course.
Term Offered: Spring.
Grade Mode: Traditional.
Special Course Fee: No.

NRRT 662  Global Tourism Policy Credits: 2 (0-0-2)
Course Description: Major global policies, trends, and challenges facing the travel and tourism industry.
Prerequisite: None.
Restriction: Must be a: Graduate, Professional.
Registration Information: Graduate standing. Offered as an online course only. This is a partial semester course.
Term Offered: Fall.
Grade Mode: Traditional.
Special Course Fee: No.
NRRT 665 Survey Research and Analysis Credits: 3 (2-2-0)
Course Description: Survey research, design, and analysis in human dimensions of natural resources.
Prerequisites: NRRT 565 and STAT 301.
Restriction: Must be a Graduate, Professional.
Registration Information: Must register for lecture and laboratory.
Term Offered: Spring.
Grade Mode: Traditional.
Special Course Fee: No.

NRRT 666 Qualitative Research in NRRT Credits: 3 (3-0-0)
Course Description: Qualitative approaches to tourism research and techniques from a range of disciplinary backgrounds; methodological aspects.
Prerequisite: NRRT 565.
Restriction: Must be a Graduate, Professional.
Term Offered: Spring.
Grade Mode: Traditional.
Special Course Fee: No.

NRRT 671 Strategic Management for Travel and Tourism Credits: 2 (0-0-2)
Course Description: Factors, tools, and techniques for strategic management of a travel and tourism business or organization.
Prerequisite: None.
Restriction: Must be a Graduate, Professional.
Term Offered: Spring.
Grade Mode: Traditional.
Special Course Fee: No.

NRRT 679A Current Topics in Nature Based Tourism Credit: 1 (0-0-1)
Course Description: Current topics in nature-based travel and tourism.
Prerequisite: None.
Restriction: Must be a Graduate, Professional.
Registration Information: Graduate standing. Offered as an online course only. This is a partial semester course.
Term Offered: Fall.
Grade Mode: Traditional.
Special Course Fee: No.

NRRT 679B Current Topics in Nature Based Tourism Credit: 1 (0-0-1)
Course Description: Current topics in nature-based travel and tourism.
Prerequisite: None.
Restriction: Must be a Graduate, Professional.
Registration Information: Graduate standing. Students will enroll for this course during both the Fall and Spring semesters.
Term Offered: Spring.
Grade Mode: Traditional.
Special Course Fee: No.

NRRT 695B Independent Study: Management Credits: Var[1-18]
Course Description:
Prerequisite: None.
Restriction: Must be a Graduate, Professional.
Terms Offered: Fall, Spring, Summer.
Grade Mode: Instructor Option.
Special Course Fee: No.

NRRT 695C Independent Study: Interpretation Credits: Var[1-18]
Course Description:
Prerequisite: None.
Restriction: Must be a Graduate, Professional.
Terms Offered: Fall, Spring, Summer.
Grade Mode: Instructor Option.
Special Course Fee: No.

NRRT 695D Independent Study: Landscape Planning Credits: Var[1-18]
Course Description:
Prerequisite: None.
Restriction: Must be a Graduate, Professional.
Terms Offered: Fall, Spring, Summer.
Grade Mode: Instructor Option.
Special Course Fee: No.

NRRT 698 Research Credits: Var[1-18]
Course Description:
Prerequisite: None.
Restriction: Must be a Graduate, Professional.
Terms Offered: Fall, Spring, Summer.
Grade Mode: Instructor Option.
Special Course Fee: No.

NRRT 699 Thesis Credits: Var[1-18]
Course Description:
Prerequisite: None.
Restriction: Must be a Graduate, Professional.
Terms Offered: Fall, Spring, Summer.
Grade Mode: Instructor Option.
Special Course Fee: No.

NRRT 765 Applied Multivariate Analysis Credits: 3 (2-2-0)
Course Description: Application and interpretation of multivariate statistics to human dimensions in natural resources, recreation, and tourism.
Prerequisite: NRRT 665.
Restriction: Must be a Graduate, Professional.
Registration Information: Must register for lecture and laboratory.
Term Offered: Fall.
Grade Mode: Traditional.
Special Course Fee: No.

NRRT 784 Supervised College Teaching Credits: Var[1-18]
Course Description:
Prerequisite: None.
Restriction: Must be a Graduate, Professional.
Terms Offered: Fall, Spring, Summer.
Grade Mode: Instructor Option.
Special Course Fee: No.
NRRT 798  Research  Credits: Var[1-18]
Course Description:
Prerequisite: None.
Restriction: Must be a: Graduate, Professional.
Terms Offered: Fall, Spring, Summer.
Grade Mode: Instructor Option.
Special Course Fee: No.

NRRT 799  Dissertation  Credits: Var[1-18]
Course Description:
Prerequisite: None.
Restriction: Must be a: Graduate, Professional.
Terms Offered: Fall, Spring, Summer.
Grade Mode: Instructor Option.
Special Course Fee: No.

Restaurant and Resort Management (RRM)

RRM 101  Hospitality Industry  Credits: 3 (3-0-0)
Course Description: Food service, lodging, and tourism industries; exploration of various industry segments and career opportunities.
Prerequisite: None.
Terms Offered: Fall, Spring.
Grade Mode: Traditional.
Special Course Fee: No.

RRM 200  Hotel Operations  Credits: 3 (3-0-0)
Course Description: Front office and room management as related to resorts and hotels. Computer application, financial controls, employee and guest relations.
Prerequisite: RRM 101.
Registration Information: Sections may be offered: Online.
Terms Offered: Fall, Spring.
Grade Mode: Traditional.
Special Course Fee: No.

RRM 310  Food Service Systems-Operations  Credits: 3 (3-0-0)
Course Description: Technical operations: menu planning, evaluation, recipe standardization, forecasting, food cost, sanitation, hospital food distribution systems.
Prerequisite: None.
Registration Information: Sections may be offered: Online.
Terms Offered: Fall, Spring, Summer.
Grade Mode: Traditional.
Special Course Fee: No.

RRM 311  Food Service Systems-Production and Purchasing  Credits: 3 (3-0-0)
Course Description: Quantity food production principles, purchasing specifications, market channels.
Prerequisite: RRM 310.
Registration Information: Sections may be offered: Online.
Terms Offered: Fall, Spring, Summer.
Grade Mode: Traditional.
Special Course Fee: No.

RRM 312  Hospitality Human Resource Management  Credits: 3 (2-0-1)
Course Description: Principles and practices of employee management in the hospitality industry including employment process, training, legal aspects, performance.
Prerequisite: RRM 310.
Terms Offered: Fall, Spring.
Grade Mode: Traditional.
Special Course Fee: No.

RRM 330  Alcohol Beverage Control and Management  Credits: 2 (2-0-0)
Course Description: Classification, production, and service of controlled beverages; management of facilities and people; safe service training; financial controls.
Prerequisite: CHEM 103, may be taken concurrently or CHEM 107, may be taken concurrently or CHEM 111, may be taken concurrently.
Term Offered: Fall.
Grade Modes: S/U within Student Option, Trad within Student Option.
Special Course Fee: No.

RRM 340  Restaurant Operations  Credits: 4 (0-8-0)
Course Description: Principles, practices, philosophies, systems for daily operation of casual or fine dining restaurant; focus on developing solutions to problems.
Prerequisite: RRM 101, may be taken concurrently.
Terms Offered: Fall, Spring.
Grade Mode: Traditional.
Special Course Fee: No.

RRM 345  Food, Beverage, and Labor Cost Control  Credits: 3 (3-0-0)
Course Description: Cost control for food, beverage, and labor in the hospitality industry.
Prerequisites: ACT 205 and CS 110.
Terms Offered: Fall, Spring.
Grade Mode: Traditional.
Special Course Fee: No.

RRM 350  Restaurant and Resort Marketing  Credits: 3 (3-0-0)
Course Description: Restaurant and resort operations marketing, including planning, promotion, and special industry considerations.
Prerequisite: RRM 101.
Term Offered: Fall.
Grade Mode: Traditional.
Special Course Fee: No.

RRM 386  Practicum  Credits: 3 (0-0-9)
Course Description: Practicum in Hospitality Management.
Prerequisite: RRM 101.
Terms Offered: Fall, Spring, Summer.
Grade Mode: S/U Sat/Unsat Only.
Special Course Fee: No.
RRM 400 Food and Society Credits: 3 (2-0-1)
Course Description: Exploration of the influence of food, dining, and nutrition on cultural aspects of the human experience.
Prerequisites: (SOC 100 or PSY 100) and (AMST 100 or AMST 101 or ANTH 140 or NR 320 or HIST 252 or HIST 255 or ETST 250 or ETST 252 or ETST 255 or HIST 101 or HIST 150 or HIST 151 or HIST 171 or HIST 250 or HIST 121) and (AGRI 270 or HIST 170 or AM 250 or ANTH 200 or LJPN 250 or LB 170 or LB 171 or ETST 100 or PHIL 170 or SA 482 or E 238 or E 245 or HIST 100 or ETST 205 or ETST 253 or ETST 256 or PF 110 or HIST 115 or HIST 120 or IE 116 or IE 270 or IE 370 or HORT 171 or SOCR 171 or SOC 205 or POLS 131 or POLS 241 or ECON 211 or LCHI 250 or LARA 250 or LFRE 250 or LGER 250 or LRUS 250 or LSPA 250 or AGRI 116).
Registration Information: Must register for lecture and recitation.
Terms Offered: Fall, Spring.
Grade Mode: Traditional.
Special Course Fee: No.

RRM 415 Catering Techniques and Culinary Arts Credits: 3 (0-6-0)
Course Description: Management of advanced techniques in culinary technique; catering of food and beverages for special functions.
Prerequisite: RRM 311.
Registration Information: Sections may be offered: Online.
Term Offered: Spring.
Grade Mode: Traditional.
Special Course Fee: Yes.

RRM 450 Leadership in the Hospitality Industry Credits: 3 (3-0-0)
Course Description: Exploration of leadership skills, their relationship to ethics through self-analysis, and leading change in the hospitality industry.
Prerequisites: RRM 310 and MGT 305.
Terms Offered: Fall, Spring.
Grade Mode: Traditional.
Special Course Fee: No.

RRM 460 Event and Conference Planning Credits: 3 (3-0-0)
Also Offered As: NRRT 460.
Course Description: Foundation in planning, organizing, and producing special events and conferences. Functions and strategies for effective event management.
Prerequisite: NRRT 270 or RRM 101.
Registration Information: Credit not allowed for both RRM 460 and NRRT 460.
Terms Offered: Fall, Spring.
Grade Mode: Traditional.
Special Course Fee: No.

RRM 487 Internship: Hospitality Management Credits: 3 (0-0-9)
Course Description:
Prerequisites: RRM 200 and RRM 311, may be taken concurrently.
Registration Information: Junior standing.
Terms Offered: Fall, Spring, Summer.
Grade Mode: S/U Sat/Unsat Only.
Special Course Fee: No.

RRM 492 Seminar on Hospitality Management Credits: 3 (0-0-3)
Course Description: Applying and synthesizing service knowledge and management functions; project discussions, benchmark presentations, execution of a capstone project.
Prerequisite: MKT 305.
Terms Offered: Fall, Spring.
Grade Mode: Instructor Option.
Special Course Fee: Yes.

RRM 500 Understanding Food Credits: 3 (3-0-0)
Course Description: Role of food in the creation of identity, as a driver of technology, and the prominent role food plays in the media.
Prerequisite: RRM 400.
Registration Information: RRM 400 or admission to the GPIdea M.S. in Dietetics program.
Terms Offered: Fall, Spring.
Grade Mode: Traditional.
Special Course Fee: No.

RRM 604 Research Methods in Food and Nutrition Credits: 3 (3-0-0)
Course Description: Research techniques used in food and nutrition disciplines. Emphasis on design, preparation, and evaluation of research.
Prerequisite: EDRM 606 or STAT 301 or STAT 311.
Restriction: Must be a: Graduate, Professional.
Term Offered: Spring.
Grade Mode: Traditional.
Special Course Fee: No.

RRM 686 Practicum-Food Service Management Credit: 1 (0-4-0)
Course Description: Food production, menu planning, nutritional analysis and food costing.
Prerequisite: None.
Restriction: Must be a: Graduate, Professional.
Terms Offered: Fall, Spring, Summer.
Grade Mode: Traditional.
Special Course Fee: No.