RURAL DEVELOPMENT (RD)

RD F100  The University Experience  (a)
3 Credits
Offered Fall
Designed to serve as an academic, cultural, and social transition to the UAF campus. Through learner-centered education and emphasis on positive self-concept theories, RD F100 will provide an opportunity to build on personal strengths and skills, as well as learning to take advantage of those resources and support programs which will serve rural and Alaska Native students and aid in a successful transition to college life.

RD F110  Alaska Native Claims Settlement Act: Land Claims in the 21st Century  (an, a)
1 Credit
Offered Fall
Familiarize students with the land claims process and important Alaska Native Claims Settlement Act content, with focus on contemporary situations and explanation of land claims processes ongoing or recently completed in locations outside Alaska.

Cross-listed with ANS F112.
Lecture + Lab + Other: 3 + 0 + 0

RD F113  Alaska Natives, Indigenous Peoples and International Law  (an, a)
1 Credit
Offered Spring Odd-numbered Years
Familiarize students with international law and its importance for Indigenous Peoples. Special emphasis on international legal instruments of importance for Alaska Natives.

Cross-listed with ANS F113.
Lecture + Lab + Other: 1.5 + 0 + 0

RD F114  Alaska Natives, Indigenous Peoples and North American Legal Systems  (an, a)
1 Credit
Offered Spring Even-numbered Years
Familiarize students with domestic law and how it affects Indigenous Peoples' governance in the United States. Special emphasis on Alaska Natives and the relationship between legal systems and those of the state and federal governments. Examination of how law is made and why Tribal laws differ from those in neighboring jurisdictions. Course uses asynchronous online delivery.

Cross-listed with ANS F114.
Lecture + Lab + Other: 1.5 + 0 + 0

RD F125  Our Changing Climate: Past, Present, Future  (s, a)
3 Credits
Offered Spring
Examines how the biophysical impacts of climate change define and intersect with social, ecological, economic, political and cultural dimensions of our lives. Provides a foundation in both Indigenous and Western science perspectives of the causes, impacts and feedbacks of a changing climate. Includes theoretical and project-based experience in climate change.

Prerequisites: Placement in WRTG F111X.
Cross-listed with ACNS F125, HONR F125, NRM F125.
Lecture + Lab + Other: 3 + 0 + 0

RD F200X  Rural Development in the North  (s, a)
3 Credits
Offered Fall
Examines sustainable community development efforts in Alaska and the circumpolar North. Provides an overview of community development processes and case studies with an emphasis on indigenous communities and peoples.

Attributes: UAF GER Social Sciences Req
Lecture + Lab + Other: 3 + 0 + 0

RD F225  Communicating for Rural Development  (a)
3 Credits
Offered Spring
Oral and written communications for rural development practitioners. In this course students will practice four types of oral and written communications: business presentations and business and technical writing; academic presentations and writing; policy presentations and legal and policy writing; and presenting and writing for community audiences. The course will utilize a current topic in rural development to develop and practice each style of communication. This course is the foundation of the Rural Development communication plan.

Prerequisites: COJO F131X or COJO F141X; WRTG F111X.
Lecture + Lab + Other: 3 + 0 + 0

RD F245  Fisheries and Marine Wildlife Development in Rural Alaska  (an, s, a)
3 Credits
Offered As Demand Warrants
Introduction to fisheries development issues in rural Alaska communities, including basic concepts, strategies and contemporary cases. Topics include management of salmon and other fisheries, community development quotas and sustainable development efforts. Emphasis on environmental and cultural impacts of fisheries development and how management in marine waters affects inland fisheries.

Prerequisites: WRTG F111X.
Lecture + Lab + Other: 3 + 0 + 0

RD F250  Grant Writing for Community Development  (a)
1-3 Credits
Offered As Demand Warrants
Basic elements of grant proposals and processes of preparing proposals for governmental and private funding sources. Emphasis on applied skills through preparation of actual grant proposals.

Prerequisite: WRTG F111X.
Lecture + Lab + Other: 1.3 + 0 + 0

RD F250P  Grant Writing for Community Development 1-3 Credits

RD F255  Rural Alaska Land Issues  (an, s, a)
3 Credits
Offered Fall Odd-numbered Years
Introduction to land and resource management issues affecting rural Alaska. Provides a history of aboriginal use and occupancy of land and an overview of land provisions in the Alaska Native Claims Settlement Act (ANCSA) and the Alaska National Interest Lands Conservation Act (ANILCA). Topics include using maps and land records, Native allotments, navigability, trespass and management of Native lands.

Lecture + Lab + Other: 3 + 0 + 0
RD F265  Perspectives on Subsistence in Alaska  (an, a)  3 Credits
Offered Spring Even-numbered Years
The socioeconomic, cultural, legal and political dimensions of subsistence in Alaska.
Lecture + Lab + Other: 3 + 0 + 0

RD F268  Rural Tourism: Planning and Principles  1-3 Credits
Offered As Demand Warrants
Introduction to rural tourism planning and principles. Students examine rural tourism attractions and trends, tourism planning and policy formation, quality standards, and cultural and environmental impacts of tourism.
Cross-listed with ABUS F268.
Lecture + Lab + Other: 1-3 + 0 + 0

RD F280  Resource Management Research Techniques  (a)  3 Credits
Offered As Demand Warrants
Overview of standard methods of field-based scientific research conducted by resource management agencies in rural Alaska including basic statistical concepts, survey techniques and tools used in land and renewable resources research.
Prerequisites: NRM F101 and BIOL F104X.
Lecture + Lab + Other: 3 + 0 + 0

RD F300  Rural Development in a Global Perspective  (W, s, a)  3 Credits
Offered Fall
In this introductory course, students explore topics tied to rural development worldwide. Students examine different perspectives and relationships that impact rural communities and the global economy by covering issues such as ethnicity and diversity, health, community development and the economy.
Prerequisites: WRTG F211X, WRTG F212X, WRTG F213X or WRTG F214X; RD F225; junior standing.
Lecture + Lab + Other: 3 + 0 + 0

RD F315  Tribal People and Development  (an, s, a)  3 Credits
Offered Spring Odd-numbered Years
Impact of socioeconomic development processes on tribal peoples in less developed world societies. Implications of these processes for Alaska Native people.
Prerequisites: Junior standing.
Cross-listed with ANS F315.
Lecture + Lab + Other: 3 + 0 + 0

RD F325  Rural Development Principles and Practices  (s, a)  3 Credits
Offered Fall
Rural development is both an academic discipline and a professional practice. This course is intended to expose students to key principles and practices of their chosen field. Students are empowered to explore their own definition of rural development, including defining the purpose and objective of development and what role(s) that they aspire to as part of the next generation of rural development leaders. This course will emphasize academic writing and communicating with community audiences.
Prerequisites: WRTG F211X, WRTG F212X, WRTG F213X or WRTG F214X; RD F225.
Lecture + Lab + Other: 3 + 0 + 0

RD F340  Community Research Toolbox  3 Credits
Offered Spring
Community research approaches and techniques. Emphasis on the role and need for community-based research and ethical issues associated with it. Students use a hands-on approach to learn about research techniques including interviewing, surveying and utilizing existing data in support of community-based research. This course will emphasize academic writing as well as written and oral communication with community audiences.
Prerequisites: RD F225.
Lecture + Lab + Other: 3 + 0 + 0

RD F351  Strategic Planning and Decision Making  (a)  3 Credits
Offered Spring
The ability to plan strategically is fundamental to the success of organizations and communities alike. Rural leaders, in particular, must be incredibly adept at making strategic decisions about how to achieve desirable outcomes with limited human and financial resources. This course takes a practitioner approach to equipping students with basic knowledge of strategic planning processes as well as opportunities to engage with proven tools from the field. This course will emphasize business and technical writing and include student moderated discussions.
Prerequisites: RD F300; RD F325; and junior standing.
Lecture + Lab + Other: 3 + 0 + 0

RD F352  Rural Business Planning and Proposal Development  (a)  3 Credits
Offered Spring
Provides undergraduate students with an understanding of the principles and processes involved in strategic planning, business planning and proposal development with the focus on applications in rural Alaska. Focus is on meeting the unique planning needs of rural Alaska communities and organizations. This course emphasizes business and technical writing.
Prerequisites: WRTG F111X; RD F225.
Lecture + Lab + Other: 3 + 0 + 0

RD F400  Rural Development Internship  (a)  3 Credits
Offered Summer
Structured experience in an appropriate agency or corporate setting. Student and instructor work collaboratively to identify appropriate internship. Intended to provide students with on-the-job experience to enhance skills acquired via course work. Approved internship position required and student must discuss internship position with their advisor at least one full semester in advance of when they intend to take the course. Enrollment only by prior arrangement with the instructor.
Lecture + Lab + Other: 3 + 0 + 0

RD F401  Cultural Knowledge of Native Elders  (an, h, a)  3 Credits
Offered Fall
Study with prominent Native tradition-bearers in Native philosophies, values and oral traditions. Traditional knowledge elicited through the cultural heritage documentation process. Analysis of existing interactions between cultural traditions and contemporary American life as experienced by Native elders.
Cross-listed with ANS F401.
Lecture + Lab + Other: 3 + 0 + 0
RD F425  Cultural Resource Issues  (s, a)  
3 Credits  
Offered Fall Even-numbered Years  
An examination of the potential impacts of development projects on cultural systems. Explores data gathering, analytical techniques and use of impact data.  
Prerequisites: Junior standing.  
Lecture + Lab + Other: 3 + 0 + 0

RD F427  Tribal Contracting and Compacting  (a)  
3 Credits  
Offered Fall Even-numbered Years  
Examines the history of federal Indian policy that led to self-determination tribal contracting and compacting. Public Law 93-638 will be studied and analyzed. Challenging issues that hampered tribal contracting will be identified. Case studies involving both tribal organizations and tribal governments will be studied. Current issues, such as the proposed regionalization of tribes for the purpose of contracting and compacting, will be examined.  
Lecture + Lab + Other: 3 + 0 + 0

RD F430  Indigenous Economic Development and Entrepreneurship  (an, a)  
3 Credits  
Offered Spring Odd-numbered Years  
An understanding of the principles, strategies and practices of economic development and entrepreneurship with a focus on indigenous Alaska communities. Focus is on those sustainable economics, through culturally appropriate practices.  
Lecture + Lab + Other: 3 + 0 + 0

RD F435  Participatory Policy-making in Tribal, State and Federal Government  (a)  
3 Credits  
Offered Spring Even-numbered Years  
This course analyzes the policy-making and lobbying processes of the American political system, with a focus on the relationship between tribes, U.S. Congress, federal agencies and the U.S. Supreme Court. Uses comparative case studies of national, state of Alaska and tribal issues, policies and laws impacting rural Alaskans.  
Prerequisites: RD F300, senior standing.  
Recommended: RD F110.  
Cross-listed with ANS F435.  
Lecture + Lab + Other: 3 + 0 + 0

RD F450  Managing Rural Projects and Programs  (a)  
3 Credits  
Offered Fall  
Examines appropriate management and accountability approaches for community-based programs and projects, particularly those found in rural and/or cross-cultural contexts. This course emphasizes business and technical writing and oral and written communication with community audiences.  
Prerequisites: RD F325, junior standing.  
Lecture + Lab + Other: 3 + 0 + 0

RD F451  Human Resource Management for Indigenous Communities  (a)  
3 Credits  
Offered As Demand Warrants  
Provides an understanding of the principles and processes involved in human resource management especially as they apply within indigenous communities. Focus is on the relevance of human resource management in every unit, project or team, and on the unique human resource management needs of rural Alaska communities and organizations and how they can be met.  
Lecture + Lab + Other: 3 + 0 + 0

RD F460  Women and Development  (s, a)  
3 Credits  
Offered As Demand Warrants  
Explores interrelationships over time of women, gender roles and development in the dynamic global economy, including issues in Alaska and the circumpolar north. Examines the historical marginalization of women in developmental processes, special issues affecting women in indigenous communities, and changing socio-economic and cultural gender roles of women and men in community development. Examines life histories of women that illustrate emerging principles and strategies for individual and community empowerment.  
Cross-listed with WGS F460.  
Lecture + Lab + Other: 3 + 0 + 0

RD F462  Rural Health and Human Service Systems  (a)  
3 Credits  
Offered As Demand Warrants  
Examine U.S. federal and state rural health and human service systems with specific emphasis on the tribal system in Alaska. The history, organization, work force, service delivery and financing of the U.S. and Canadian and Alaska systems are examined. Circumpolar challenges and policy issues in rural health and human service systems are explored.  
Lecture + Lab + Other: 3 + 0 + 0

RD F465  Community Healing and Wellness  (an, a)  
3 Credits  
Offered Fall  
The history of education and the impact of religion and assimilation policies on the emotional and physical health of Alaska Natives and their communities. Traditional wellness issues and systems will also be researched from a global perspective.  
Prerequisite: Junior standing.  
Crosslisted with ANS F465.  
Lecture + Lab + Other: 3 + 0 + 0

RD F468  Human Development and Social Justice  (a)  
3 Credits  
Offered Spring Even-numbered Years  
This course looks beyond the built (or physical) environment to explore community development as a basic human activity. For many communities in the circumpolar North, the ultimate aim of development is to improve the overall quality of life for present and future generations. This course explores how rural communities can, and are, creating positive change in the areas of governance, natural resource management, cultural revitalization, education and health. This course approaches community development as an evolving practice that responds to human, environmental and political changes.  
Prerequisites: RD F300, RD F325, senior standing.  
Lecture + Lab + Other: 3 + 0 + 0
RD F470  The Alaska Native Claims Settlement Act: Pre-1971 to Present  
3 Credits  
Offered Fall Even-numbered Years  
Overview and analysis of the Alaska Native Claims Settlement Act. An in-depth examination of the land claims movement of the 1960s and resulting legislative process. Firsthand accounts from Native leaders will be featured. Case studies describing challenges of individual Native villages and regions. Contemporary issues facing ANCSA corporations will be examined.  
Prerequisites: Junior standing.  
Stacked with RD F670.  
Lecture + Lab + Other: 3 + 0 + 0

RD F471  Corporate Social Responsibility and Accountability in Rural and Indigenous Contexts  
3 Credits  
Offered Fall Odd-numbered Years  
Examination of the concept of corporate social responsibility (CSR) - a view of the corporation and its role in society that assumes a responsibility among firms to pursue goals in addition to profit maximization - and how CSR is played out in rural Alaska and other Indigenous contexts. Uses comparative case studies of international, national and rural Alaska organizational, economic and societal issues with a special emphasis on transnational corporations, ANCSA corporations, tribal enterprises and other businesses in rural Alaska and in other Indigenous contexts.  
Prerequisites: RD F300; senior standing.  
Recommended: RD F110.  
Stacked with RD F671.  
Lecture + Lab + Other: 3 + 0 + 0

RD F474  Applied Community Research  
3 Credits  
Offered Fall  
Development and preliminary groundwork for the rural development senior project. Students will develop a full prospectus and conduct preliminary research for their senior project to be completed in RD F475 Rural Development Senior Project.  
Prerequisites: RD F340; RD F352; senior standing.  
Crosslisted with ANS F474.  
Lecture + Lab + Other: 3 + 0 + 0

RD F475  Rural Development Senior Project  
(W, a)  
3 Credits  
Offered Spring  
Under faculty supervision, the student will complete a major theoretical, research and/or applied project which relates to the student's applied emphasis area. Students will utilize the appropriate writing and oral communication style for the type of research or project they choose.  
Prerequisites: WRTG F211X, WRTG F212X, WRTG F213X or WRTG F214X; RD F474; senior standing.  
Lecture + Lab + Other: 3 + 0 + 0

RD F472  Rural Development Seminar  
(a)  
1-3 Credits  
Various topics of current interest and importance to the rural development majors. Topics announced prior to each offering. Topics may include: indigenous peoples leadership, legislative process, cultural documentation, National Park Service policies, climate change, and/or co-management of natural resources. Students may take up to three Rural Development seminars on different topics for credit with prior approval. Enrollment priority given to rural development majors.  
Lecture + Lab + Other: 1-3 + 0 + 0

RD F492P  Rural Development Seminar  
1-3 Credits  
Lecture + Lab + Other: 0 + 0 + 0

RD F600  Circumpolar Indigenous Leadership Symposium  
(a)  
3 Credits  
Offered Fall  
Intensive face-to-face graduate seminar over a week-long period. Held every fall either in Fairbanks or Anchorage. This is a cornerstone course for all M.A. students in the program. The content focuses on indigenous leadership and includes presentations by practitioners from throughout Alaska and the circumpolar North. It also presents an orientation in depth to the graduate program. This course may be repeated once for elective credit.  
Prerequisites: Graduate standing.  
Special Notes: RD F600 is required of all graduate students in the Rural Development program; May be repeated once for credit.  
Lecture + Lab + Other: 3 + 0 + 0

RD F601  Political Economy of the Circumpolar North  
(a)  
3 Credits  
Offered Fall  
Interrelationships among rural communities in the circumpolar North and global socioeconomic, political and ecological systems. Includes major theoretical advances in our understanding of development in the 20th century. Uses a comparative case study approach to understand rapid socioeconomically and cultural change in the north.  
Prerequisites: Graduate standing.  
Lecture + Lab + Other: 3 + 0 + 0

RD F608  Indigenous Knowledge Systems  
3 Credits  
Offered Fall  
A comparative survey and analysis of the epistemological properties, world views and modes of transmission associated with various indigenous knowledge systems. Emphasis on knowledge systems practiced in Alaska.  
Prerequisites: Graduate standing.  
Cross-listed with CCS F608; ED F608; ANL F608.  
Lecture + Lab + Other: 3 + 0 + 0

RD F612  Traditional Ecological Knowledge  
(a)  
3 Credits  
Offered Spring  
Examines the acquisition and utilization of knowledge associated with long-term inhabitation of particular ecological systems and adaptations that arise from the accumulation of such knowledge. Attention will be given to the contemporary significance of traditional ecological knowledge as a complement to academic fields of study.  
Prerequisites: Graduate standing.  
Cross-listed with CCS F612.  
Lecture + Lab + Other: 3 + 0 + 0
RD F625 Community Development Strategies: Principles and Practices (a) 3 Credits
Offered Fall
Provides graduate students with a detailed overview of principles and strategies of community development in rural Alaska and throughout the circumpolar North. Through in-depth case studies, it expands on materials and topics covered in Rural Development undergraduate courses on community development to explore how rural communities in diverse cultural, political and economic setting can build on local assets, skills and capacities to improve the lives of indigenous and other Northern residents.
Prerequisites: Graduate standing.
Lecture + Lab + Other: 3 + 0 + 0

RD F630 Economic Development Policy and Entrepreneurship in Rural Alaska: Challenges and Opportunities 3 Credits
Offered Spring Odd-numbered Years
This course explores the questions - what does/should economic development and entrepreneurship look like in rural and Native Alaska? What national, state and tribal policies and laws are desirable, given the history and experience of existing ANCSA corporations (and transnational corporations), tribal enterprises and ANCSA corporations, exploring their contradictory purposes from a business standpoint, responsibilities to shareholders and tribal members, transparency and accountability under federal and state laws, U.S. federal trust responsibility, special tax and business exemptions and resulting business strategies for rural and Native Alaska.
Prerequisites: Graduate standing.
Recommended: RD F625.
Lecture + Lab + Other: 3 + 0 + 0

RD F650 Community-based Research Methods (a) 3 Credits
Offered Spring
This graduate course provides students with opportunities for advanced exploration of community-based research principles and practices. In the course, emphasis is placed on developing a thorough understanding of the community research process from conceptualization to implementation and evaluation. It includes skill development of skills applicable to both quantitative and qualitative research.
Prerequisites: Graduate standing.
Lecture + Lab + Other: 3 + 0 + 0

RD F651 Management Strategies for Rural Development (a) 3 Credits
Offered Spring
Provides an overview of the management by change and development within indigenous communities in the Circumpolar North. Looks closely at recent management strategies implemented in Alaska such as co-management of renewable resources, land management of Alaska Native corporations, cultural resource management, and the management of Alaska Native tribal governments, corporations and other organizations. Uses comparative case studies and effects of cultural and traditional values on management practices in different northern socio-cultural environments.
Prerequisites: Graduate standing.
Lecture + Lab + Other: 3 + 0 + 0

RD F652 Indigenous Organization Management (a) 3 Credits
Offered Fall Even-numbered Years
Purposes, structure and methods of management of particularly Northern indigenous organizations. The management of Alaska Native organizations will be compared with formal organizations established by indigenous peoples in other regions of the Circumpolar North. The concept of "indigenous management" will be reviewed, as will perceptions of differences between leadership and management in both western and indigenous settings.
Prerequisites: Graduate standing.
Lecture + Lab + Other: 3 + 0 + 0

RD F655 Circumpolar Health Issues (a) 3 Credits
Offered Summer Even-numbered Years
Provides a comprehensive overview of major circumpolar health issues affecting Northern residents. Includes an analysis of health and traditional healing practices prior to contact. Examines the emergence of chronic diseases, problems of alcohol abuse and violence, efforts to combine traditional healing practices and Western medicine. Includes environmental health issues, including water, sewer, and food contamination. Overview of health care systems and public health infrastructure in the North.
Prerequisites: Graduate standing.
Lecture + Lab + Other: 3 + 0 + 0

RD F667 Tribal Responses to Violence: Safety, Justice and Advocacy (a) 3 Credits
Offered Fall Odd-numbered Years
This course will examine the crisis of violence against Native people and within Native communities and the bearing of social, legal, political and cultural responses. The role of sexual and other violence and conquest will be explored, as well as the impacts of trauma, legal and jurisdictional barriers and the developments in victim-centered and restorative justice and other movements in justice and healing. Students will have the opportunity throughout the semester to investigate and research current response systems and relevant policies and issues, and will develop their own ideas for solutions.
Prerequisites: Graduate standing.
Stacked with ANS F467.
Lecture + Lab + Other: 3 + 0 + 0

RD F670 The Alaska Native Claims Settlement Act: Pre-1971 to Present 3 Credits
Offered Fall Even-numbered Years
Overview and analysis of the Alaska Native Claims Settlement Act. An in-depth examination of the land claims movement of the 1960s and resulting legislative process. Firsthand accounts from Native leaders will be featured. Case studies describing challenges of individual Native villages and regions. Contemporary issues facing ANCSA corporations will be examined.
Prerequisite: Graduate standing.
Stacked with RD F470.
Lecture + Lab + Other: 3 + 0 + 0
RD F671 Corporate Social Responsibility and Accountability in Rural and Indigenous Contexts (a) 3 Credits
Offered Fall Odd-numbered Years
Examination of the concept of corporate social responsibility (CSR) - a view of the corporation and its role in society that assumes a responsibility among firms to pursue goals in addition to profit maximization - and how CSR is played out in rural Alaska and other Indigenous contexts. Uses comparative case studies of international, national and rural Alaska organizational, economic and societal issues with a special emphasis on transnational corporations, ANCSA corporations, tribal enterprises and other businesses in rural Alaska and in other Indigenous contexts.
Prerequisites: Graduate standing.
Recommended: RD F625.
Stacked with RD F471.
Lecture + Lab + Other: 3 + 0 + 0

RD F675 Federal Indian Law: Land, Water and Subsistence (a) 3 Credits
Offered As Demand Warrants
Examination of the history of federal Indian law and its implementation in Alaska. Key laws including the Indian Reorganization Act (IRA), Alaska Native Claims Settlement Act (ANCSA) and the Alaska National Interest Lands Conservation Act (ANILCA) are examined in terms of how they have altered the political landscape of Alaska. Indian legislation is explored with special consideration for how different laws have affected the subsistence rights of Alaska Natives and how they affect management of waters in the state. Students consider the future of subsistence, water rights and how these laws affect natural resource access.
Prerequisites: Graduate standing.
Lecture + Lab + Other: 3 + 0 + 0

RD F676 Federal Indian Law in Alaska: Tribal Self-governance - Business, Public Safety Protection of Family, 3 Credits
Offered As Demand Warrants
Examination of the history of federal Indian law and its implementation in Alaska. Key laws including the Indian Reorganization Act (IRA), Public Law 83-280, Indian Child Welfare Act (ICWA), Indian Self-Determination and Education Assistance Act (ISDEAA), Indian Civil Rights Act (ICRA) and the Tribal Law and Order Act (TLOA) are examined in terms of how they have altered the political landscape in Alaska. Indian legislation is explored to determine how Native communities exercise self-governance in Alaska. Students consider the development of tribal judicial capacity and pressing issues such as public safety for Native communities in Alaska as well as tribal participation in business and contractual agreements.
Prerequisites: Graduate standing.
Lecture + Lab + Other: 3 + 0 + 0

RD F690 Seminar in Cross-cultural Studies 3 Credits
Offered Fall and Spring
Investigation of current issues in cross-cultural contexts. Opportunity for students to synthesize prior graduate studies and research. Seminar is taken near the terminus of a graduate program.
Prerequisites: Advancement to candidacy; permission of student's graduate committee.
Cross-listed with CCS F690; ED F690; ANL F690.
Lecture + Lab + Other: 3 + 0 + 0

RD F699 Thesis 1-9 Credits
Lecture + Lab + Other: 0 + 0 + 1-9