

HUMAN ECOLOGY

College of Agricultural & Environmental Sciences

Formerly Human & Community Development

Leigh Ann Simmons, Ph.D., Chairperson of the Department; term ends August 31, 2023

Mary Delany, Ph.D., Interim Chairperson of the Department; September 1, 2023-June 30, 2024

M. Anne Visser, Ph.D., Community & Regional Development Program, CRD Program Director

Leah Hibel, Ph.D., Human Development & Family Studies Program, HDE Program Director

N. Claire Napawan, Landscape Architecture & Environmental Design Program Director

Department Advising Center

1302 & 1303 Hart Hall; CRD, HDE, LDA & SED majors: 530-752-1805, 530-752-2244, 350-752-9322; 530-752-4113; Human Ecology (<https://humanecology.ucdavis.edu/>)

Major Programs & Courses

See Community & Regional Development (<https://catalog.ucdavis.edu/departments-programs-degrees/human-ecology/community-regional-development-bs/>) & Human Development (<https://catalog.ucdavis.edu/departments-programs-degrees/human-ecology/human-development-bs/>); Landscape Architecture (<https://catalog.ucdavis.edu/departments-programs-degrees/human-ecology/landscape-architecture-bs/#informationtext>) & Sustainable Environmental Design

- Aging & Adult Development, Minor (<https://catalog.ucdavis.edu/departments-programs-degrees/human-ecology/aging-adult-development-minor/>)
- Community & Regional Development, Bachelor of Science (<https://catalog.ucdavis.edu/departments-programs-degrees/human-ecology/community-regional-development-bs/>)
- Community Development, Minor (<https://catalog.ucdavis.edu/departments-programs-degrees/human-ecology/community-development-minor/>)
- Community Development, Master of Science (<https://catalog.ucdavis.edu/departments-programs-degrees/human-ecology/community-development-ms/>)
- Geographic Studies, Minor (<https://catalog.ucdavis.edu/departments-programs-degrees/human-ecology/geographic-studies-minor/>)
- Human Development, Bachelor of Science (<https://catalog.ucdavis.edu/departments-programs-degrees/human-ecology/human-development-bs/>)
- Human Development, Minor (<https://catalog.ucdavis.edu/departments-programs-degrees/human-ecology/human-development-minor/>)
- Landscape Architecture, Bachelor of Science (<https://catalog.ucdavis.edu/departments-programs-degrees/human-ecology/landscape-architecture-bs/>)
- Sustainable Environmental Design, Bachelor of Science (<https://catalog.ucdavis.edu/departments-programs-degrees/human-ecology/sustainable-environmental-design-bs/>)

Community & Regional Development (CRD)

CRD 001 – The Community (4 units)

Course Description: Basic concepts of community analysis and planned social change. The dynamics of community change through case studies of communities including peasant, urban ghetto, suburban mainline, and California farm workers.

Learning Activities: Lecture 3 hour(s), Discussion 1 hour(s).

Grade Mode: Letter.

General Education: Social Sciences (SS); American Cultures, Governance, & History (ACGH); Domestic Diversity (DD); Oral Skills (OL); Visual Literacy (VL); Writing Experience (WE).

CRD 020 – Food Systems (4 units)

Course Description: Social aspects of agri-food systems. Social science perspectives applied to food and agricultural sustainability in relation to ecology, knowledge, technology, power, governance, labor, social difference, and social movements. Social and environmental effects of commodity chains in comparative global context.

Learning Activities: Lecture 3 hour(s), Laboratory 3 hour(s).

Grade Mode: Letter.

General Education: Social Sciences (SS); Oral Skills (OL); Visual Literacy (VL); Writing Experience (WE).

CRD 092 – Internship (1-12 units)

Course Description: Supervised internship, off and on campus, in community and institutional settings.

Prerequisite(s): Consent of instructor.

Learning Activities: Internship 3-36 hour(s).

Grade Mode: Pass/No Pass only.

CRD 098 – Directed Group Study for Undergraduates (1-5 units)

Course Description: Directed group study for undergraduates.

Prerequisite(s): Consent of instructor.

Learning Activities: Variable 3-15 hour(s).

Grade Mode: Pass/No Pass only.

CRD 099 – Special Study for Undergraduates (1-5 units)

Course Description: Special study for undergraduates.

Learning Activities: Variable.

Grade Mode: Pass/No Pass only.

CRD 118 – Technology & Society (4 units)

Course Description: Impact of technology on labor relations, employment, industrial development and international relations. Internal relations of technology development and deployment.

Prerequisite(s): CRD 001 or CRD 002 or SOC 001 or ANT 002.

Learning Activities: Lecture 3 hour(s), Discussion 1 hour(s), Extensive Writing, Term Paper.

Grade Mode: Letter.

General Education: Social Sciences (SS); World Cultures (WC); Writing Experience (WE).

CRD 140 – Dynamics of Regional Development (4 units)

Course Description: Industrial cluster formation and institutions. Technology, labor relations and interfirm linkages in global value chains. California and other regions are used as case studies.

Prerequisite(s): CRD 001 or CRD 002 or SOC 001 or ANT 002.

Learning Activities: Lecture 4 hour(s), Extensive Writing, Term Paper, Project.

Grade Mode: Letter.

General Education: Social Sciences (SS); Writing Experience (WE).

CRD 141 – Organization of Economic Space (4 units)

Course Description: Globalization and technological restructuring of economic activity focusing on new spatial patterns of production and circulation and their implications for workers, communities and societies, both in the U.S. and around the globe.

Prerequisite(s): CRD 001 or CRD 002 or SOC 001 or ANT 002.

Learning Activities: Lecture 3 hour(s), Discussion 1 hour(s).

Grade Mode: Letter.

General Education: Social Sciences (SS); World Cultures (WC); Writing Experience (WE).

CRD 142 – Rural Change in the Industrialized World (4 units)

Course Description: Geography of rural environment with emphasis on rural restructuring. Demographics, community, economy, governance, agriculture, and environmental conservation in rural areas of industrialized world. Case studies from and comparisons drawn between North America, Europe, Australia, New Zealand, and Japan.

Prerequisite(s): SOC 001 or CRD 001 or CRD 002 or ANT 002.

Learning Activities: Lecture 3 hour(s), Discussion 1 hour(s), Extensive Writing, Term Paper.

Grade Mode: Letter.

General Education: Social Sciences (SS); Writing Experience (WE).

CRD 147 – Community Youth Development (4 units)

Course Description: Community influences on youth well-being, youth as agents of community change, and policies to support healthy communities for young people. Special emphasis on disparities in youth well-being related to race, class, immigration status, gender, sexual-orientation.

Learning Activities: Lecture/Discussion 4 hour(s), Project, Extensive Writing/Discussion, Term Paper hour(s).

Grade Mode: Letter.

General Education: Social Sciences (SS); Domestic Diversity (DD); Oral Skills (OL); Visual Literacy (VL); Writing Experience (WE).

CRD 149 – Community Development Perspectives on Environmental Justice (4 units)

Course Description: Environmental justice social movements; inequitable distribution of pollution on low-income communities of color; histories, policies, and innovations associated environmental justice movements in the United States and around the world.

Learning Activities: Lecture/Discussion 4 hour(s), Extensive Writing/Discussion, Project, Term Paper.

Grade Mode: Letter.

General Education: Social Sciences (SS); Domestic Diversity (DD); Oral Skills (OL); Visual Literacy (VL); Writing Experience (WE).

CRD 150 – Quantitative Methods in Community Research (5 units)

Course Description: Introduction to statistical analysis of social data relevant to community research, planning and assessment, emphasizing data sources and acquisition, descriptive and inferential analysis techniques, and data interpretation and presentation. Emphasis on spatial data and methods, focusing on the sources, processing, analysis, and presentation of spatial data in a community assessment context.

Prerequisite(s): SOC 046B or STA 013 or STA 013Y or STA 032; consent of instructor.

Learning Activities: Lecture 4 hour(s), Discussion/Laboratory 1 hour(s).

Grade Mode: Letter.

General Education: Social Sciences (SS); Quantitative Literacy (QL); Scientific Literacy (SL).

CRD 151 – Community Field Research: Theory & Analysis (5 units)

Course Description: Design and analysis of community research considering the relationship between theory and practice. Community research methods, including elite interviewing, ethnographic approaches, and statistical methods, descriptive statistics and OLS regression. Requires design and completion of field research project.

Prerequisite(s): CRD 001; (STA 013 or STA 013Y or SOC 046B); any upper division Community Regional Development (CRD) course recommended.

Learning Activities: Lecture 4 hour(s), Laboratory 2 hour(s).

Grade Mode: Letter.

General Education: Social Sciences (SS); American Cultures, Governance, & History (ACGH); Quantitative Literacy (QL); Writing Experience (WE).

CRD 152 – Community Development (4 units)

Course Description: Principles and strategies of community organizing and development. Social change from the grassroots organizing perspective to the formalized public participation process involved in general plan revisions. Practical experience in conducting charrettes, visioning and community needs assessments.

Prerequisite(s): CRD 001 or CRD 151 or SOC 002 or ANT 002 or ASA 100 or CHI 132 or AAS 101.

Learning Activities: Lecture 4 hour(s).

Grade Mode: Letter.

General Education: Social Sciences (SS); American Cultures, Governance, & History (ACGH); Domestic Diversity (DD); Writing Experience (WE).

CRD 153A – International Community Development: Asia (4 units)

Course Description: Examination and analysis of community development efforts in a range of Asian countries and the impact of global forces in different settings. Includes classroom lectures, workshops, field trips, and collaborative action research projects. Taught abroad.

Prerequisite(s): Consent of instructor. 2.000 GPA; good academic standing.

Learning Activities: Project 3 hour(s), Lecture/Discussion 3 hour(s).

Enrollment Restriction(s): For summer and quarter abroad versions, limited to 30 students; for the Seminar Abroad version, limited to 15 students; this allows for the small group learning methodology as well as the active collaboration with in-country university students; available for undergraduate and graduate students; applications through UC Davis Study Aboard accepted on a first-come, first-reserved basis for qualified applicants.

Grade Mode: Letter.

General Education: Social Sciences (SS); Oral Skills (OL); World Cultures (WC); Writing Experience (WE).

CRD 153B – International Community Development: Europe (4 units)

This version has ended; see updated course, below.

Course Description: Examination and analysis of community development efforts in Europe and the impact of global forces in different settings.

Alternative strategies with emphasis on self-reliance and locally controlled development. Based in Freiburg, Germany, including field trips to France and Switzerland; taught abroad.

Prerequisite(s): ANT 002 or IAD 010 or CRD 001 or CRD 002 or SOC 001 or SOC 002 or POL 001.

Learning Activities: Lecture 4 hour(s).

Grade Mode: Letter.

General Education: Social Sciences (SS); World Cultures (WC).

CRD 153B – International Community Development: Europe (4 units)

Course Description: Examination and analysis of community development efforts in Europe and the impact of global forces in different settings.

Alternative strategies with emphasis on self-reliance and locally controlled development. Based in Freiburg, Germany, including field trips to France and Switzerland; taught abroad.

Prerequisite(s): ANT 002 or IAD 010 or CRD 001 or CRD 002 or SOC 001 or SOC 002 or POL 001 or POL 001Y.

Learning Activities: Lecture 4 hour(s).

Grade Mode: Letter.

General Education: Social Sciences (SS); World Cultures (WC).

This course version is effective from, and including: Fall Quarter 2023.

CRD 153C – International Community Development: Africa (4 units)

This version has ended; see updated course, below.

Course Description: Examination and analysis of community development efforts in Africa and the impact of global forces in urban and rural settings. Focus on strategies that promote self-reliance and locally controlled development. Based in South Africa; includes field trips.

Prerequisite(s): CRD 001 or CRD 002 or ANT 002 or IAD 010 or SOC 001 or SOC 002 or POL 001.

Learning Activities: Lecture 2 hour(s), Fieldwork 2 hour(s).

Grade Mode: Letter.

General Education: Social Sciences (SS); World Cultures (WC).

CRD 153C – International Community Development: Africa (4 units)

Course Description: Examination and analysis of community development efforts in Africa and the impact of global forces in urban and rural settings. Focus on strategies that promote self-reliance and locally controlled development. Based in South Africa; includes field trips.

Prerequisite(s): CRD 001 or CRD 002 or ANT 002 or IAD 010 or SOC 001 or SOC 002 or POL 001 or POL 001Y.

Learning Activities: Lecture 2 hour(s), Fieldwork 2 hour(s).

Grade Mode: Letter.

General Education: Social Sciences (SS); World Cultures (WC).

This course version is effective from, and including: Fall Quarter 2023.

CRD 154 – Social Theory & Community Change (4 units)

Course Description: Comparative overview of the dominant social science paradigms for the study of community development and change. Among the paradigms discussed are functionalism, conflict theory/Marxism, structuralism, community capitals, social exchange, post-positivism, feminist theories and social constructivism.

Prerequisite(s): CRD 001 or SOC 001 or ANT 002; or consent of instructor.

Learning Activities: Lecture/Discussion 4 hour(s).

Grade Mode: Letter.

General Education: Social Sciences (SS); American Cultures, Governance, & History (ACGH); Domestic Diversity (DD); Writing Experience (WE).

CRD 156 – Community Economic Development (5 units)

Course Description: How government and community organizations help firms grow and create jobs through local economic development corporations, small business centers, revolving loan funds, incubators, and other programs. Techniques to analyze community economic potential and identification of appropriate intervention tools. Group project.

Prerequisite(s): CRD 152 or PLS 021 or PLS 021V or ECS 015; and consent of instructor.

Learning Activities: Lecture 4 hour(s), Laboratory 2 hour(s).

Grade Mode: Letter.

General Education: Social Sciences (SS); Quantitative Literacy (QL); Writing Experience (WE).

CRD 157 – Politics & Community Development (4 units)

Course Description: Analyzes political, economic and sociocultural forces shaping the form and function of local communities in the U.S. Considers theories of the state, the community and social change and case studies of actual community development in comparative historical perspective.

Learning Activities: Lecture 4 hour(s).

Grade Mode: Letter.

General Education: Social Sciences (SS); American Cultures, Governance, & History (ACGH); Domestic Diversity (DD); Writing Experience (WE).

CRD 158 – Community Governance (4 units)

This version has ended; see updated course, below.

Course Description: Governing institutions and political processes at the local level. Local government organization, community autonomy, leadership, political change, policy development, and select policy issues including public finance. Topics change depending on student interest. Field research on coalition building or policy issues in select communities.

Prerequisite(s): CRD 001 or SOC 001 or POL 001.

Learning Activities: Lecture/Discussion 3 hour(s), Fieldwork 3 hour(s).

Grade Mode: Letter.

General Education: Social Sciences (SS); American Cultures, Governance, & History (ACGH); Domestic Diversity (DD); Writing Experience (WE).

CRD 158 – Community Governance (4 units)

Course Description: Governing institutions and political processes at the local level. Local government organization, community autonomy, leadership, political change, policy development, and select policy issues including public finance. Topics change depending on student interest. Field research on coalition building or policy issues in select communities.

Prerequisite(s): CRD 001 or SOC 001 or POL 001 or POL 001Y.

Learning Activities: Lecture/Discussion 3 hour(s), Fieldwork 3 hour(s).

Grade Mode: Letter.

General Education: Social Sciences (SS); American Cultures, Governance, & History (ACGH); Domestic Diversity (DD); Writing Experience (WE).

This course version is effective from, and including: Spring Quarter 2024.

CRD 162 – People, Work & Technology (5 units)

Course Description: Analysis of the relationship between work, technology, and the human experience. Theories of the causes and consequences of labor process, changes under capitalism and globalization, impacts of race/ethnicity, class, gender, and citizenship status on work in the United States and globally; responses of workers, communities, and policy-makers to workplace changes.

Prerequisite(s): CRD 001 or SOC 001 or ANT 001 or ANT 001Y; upper division standing recommended.

Learning Activities: Lecture 4 hour(s), Discussion 1 hour(s).

Grade Mode: Letter.

General Education: Social Sciences (SS); American Cultures, Governance, & History (ACGH); Domestic Diversity (DD); Writing Experience (WE).

CRD 164 – Theories of Organizations & Their Role in Community Change (5 units)

Course Description: Planned change within and through community organizations. Private voluntary organizations, local community associations, and local government. Relationship between community organizations and social capital. Collaborative original data gathering and professional report writing.

Prerequisite(s): (STA 013 or STA 013Y or SOC 046B); (CRD 001 or CRD 002 or SOC 001 or ANT 002).

Learning Activities: Lecture 4 hour(s), Laboratory 2 hour(s).

Grade Mode: Letter.

General Education: Social Sciences (SS); American Cultures, Governance, & History (ACGH); Domestic Diversity (DD); Oral Skills (OL); Visual Literacy (VL); Writing Experience (WE).

CRD 171 – Housing & Social Policy (4 units)

Course Description: Social impact, economics, and politics of housing in the United States. Special attention given to federal, state, and local policy and program strategies to produce and preserve affordable housing and inclusive neighborhoods.

Learning Activities: Lecture 4 hour(s), Term Paper.

Grade Mode: Letter.

CRD 172 – Social Inequality: Issues & Innovations (4 units)

Course Description: Focus on the dimensions, causes, and means of alleviating social inequality in the U.S. Examination and analysis of major theories and forms (class, race/ethnicity, gender, and citizenship status) of inequality. Policy-based and grassroots approaches to change.

Prerequisite(s): CRD 001 or CRD 002 or SOC 001 or ANT 002; upper division standing recommended.

Learning Activities: Lecture/Discussion 4 hour(s), Extensive Writing, Term Paper, Project.

Grade Mode: Letter.

CRD 176 – Comparative Ethnicity (4 units)

Course Description: Role of ethnicity in shaping social systems and interaction. Analytical approaches to and issues arising from the study of ethnicity, through utilization of data from a range of different societies.

Prerequisite(s): CRD 001 or CRD 002 or SOC 001 or ANT 002; upper division standing recommended.

Learning Activities: Lecture 4 hour(s), Term Paper.

Grade Mode: Letter.

General Education: Social Sciences (SS); American Cultures, Governance, & History (ACGH); Domestic Diversity (DD); World Cultures (WC); Writing Experience (WE).

CRD 180 – Transnational Community Development (4 units)

Course Description: The effects of grassroots, non-state, non-corporate actors from abroad on local, national and international development.

Socioeconomic, political, and cultural implications of transnational actions undertaken by international non-governmental organizations, individual migrants, and migrant grassroots civic organizations.

Prerequisite(s): CRD 001 or ANT 002 or SOC 001.

Learning Activities: Lecture/Discussion 4 hour(s), Extensive Writing, Project, Term Paper.

Grade Mode: Letter.

General Education: Social Sciences (SS); World Cultures (WC); Writing Experience (WE).

CRD 192 – Internship (1-12 units)

Course Description: Supervised internship, off and on campus, in community and institutional settings.

Prerequisite(s): Consent of instructor. Completion of 84 units.

Learning Activities: Internship 3-36 hour(s).

Grade Mode: Pass/No Pass only.

CRD 194HA – Special Study for Honors Students (4 units)

Course Description: Community & Regional Development Honors is a program of direct reading, research and writing culminating in the preparation of a Senior Honors Thesis under the direction of a faculty advisor.

Prerequisite(s): Consent of instructor. Completion of 135 units at the time of enrollment; GPA 3.500 in the major; GPA 3.300 in overall standing; completion of at least four upper division courses; agreement of a faculty member to serve as thesis advisor.

Learning Activities: Independent Study 3 hour(s), Seminar 1 hour(s), Project, Term Paper.

Grade Mode: Letter.

CRD 194HB – Special Study for Honors Student (4 units)

Course Description: Community & Regional Development Honors is a program of direct reading, research and writing culminating in the preparation of a Senior Honors Thesis under the direction of a faculty advisor.

Prerequisite(s): Consent of instructor. Completion of 135 units at the time of enrollment; GPA 3.500 in the major; GPA 3.300 in overall standing; completion of at least four upper division courses; agreement of a faculty member to serve as thesis advisor.

Learning Activities: Independent Study 3 hour(s), Seminar 1 hour(s), Project, Term Paper.

Grade Mode: Letter.

CRD 197T – Tutoring in Community & Regional Development (1-5 units)

Course Description: Assisting instructor in one of the Community & Regional Development's regular courses by tutoring individual students or small groups of students in a laboratory, in voluntary discussion groups, or other voluntary activities.

Prerequisite(s): Consent of instructor. Upper division standing; completion of course to be tutored.

Learning Activities: Tutorial 3-15 hour(s).

Repeat Credit: May be repeated 10 unit(s).

Grade Mode: Pass/No Pass only.

CRD 198 – Directed Group Study (1-5 units)

Course Description: Directed group study. May be taught abroad.

Prerequisite(s): Consent of instructor.

Learning Activities: Variable.

Grade Mode: Pass/No Pass only.

CRD 199 – Special Study for Advanced Undergraduates (1-5 units)

Course Description: Special study for advanced undergraduates.

Learning Activities: Variable.

Grade Mode: Pass/No Pass only.

CRD 200 – Planning for Health (4 units)

Course Description: Focused on the intersection of city planning and public health. The health of an individual or community is determined not only by the health care they receive, but also by the natural, social, physical, economic, and political environment. Covers topics such as food access, air quality, water quality, waste and energy infrastructure, community engagement, and the planning process. Provides an overview of available public spatially explicit data.

Learning Activities: Lecture/Discussion 2 hour(s), Extensive Writing, Project 1 hour(s).

Grade Mode: Letter.

CRD 230 – Spatial Methods in Community Research (4 units)

Course Description: Spatial analysis of social data relevant to community research, with focus on neighborhoods as units of analysis. Clustering, segregation, geodemographic modelling, spatial regression, multilevel models, spatial data management, accessibility.

Prerequisite(s): Graduate standing.

Learning Activities: Lecture 4 hour(s).

Grade Mode: Letter.

CRD 240 – Community Development Theory (4 units)

Course Description: Introduction to theories of community development and different concepts of community, poverty, and development.

Emphasis on building theory, linking applied development techniques to theory, evaluating development policy, and examining case studies of community development organizations and projects.

Learning Activities: Lecture/Discussion 4 hour(s).

Cross Listing: GEO 240.

Grade Mode: Letter.

CRD 241 – The Economics of Community Development (4 units)

Course Description: Economic theories and methods of planning for communities. Human resources, community services and infrastructure, industrialization and technological change, and regional growth. The community's role in the greater economy.

Prerequisite(s): Graduate standing.

Learning Activities: Seminar 4 hour(s).

Cross Listing: GEO 241.

Grade Mode: Letter.

CRD 242 – Community Development Organizations (4 units)

Course Description: Theory and praxis of organizations with social change agendas at the community level. Emphasis on non-profit organizations and philanthropic foundations.

Prerequisite(s): CRD 240; and consent of instructor.

Learning Activities: Seminar 4 hour(s).

Enrollment Restriction(s): Limited to 15 students.

Grade Mode: Letter.

CRD 242S – Community Development Organizations (International) (4 units)

Course Description: Theory and praxis of organizations with social change agendas at the community level. Emphasis on local governance, non-profit organizations and philanthropic foundations at an international level. May be taught abroad.

Prerequisite(s): CRD 240.

Learning Activities: Fieldwork 10 hour(s), Lecture 5 hour(s), Workshop 5 hour(s).

Enrollment Restriction(s): Limited to 10 students.

Grade Mode: Letter.

CRD 243 – Critical Environmental Justice Studies (4 units)

Course Description: Application of social science theories of race, ethnicity, class, gender, and power to understand the production and contestation of environmental inequities.

Prerequisite(s): Consent of instructor.

Learning Activities: Seminar 4 hour(s), Extensive Writing.

Enrollment Restriction(s): Open to graduate students only.

Grade Mode: Letter.

CRD 244 – Political Ecology of Community Development (4 units)

Course Description: Community development from the perspective of geographical political ecology. Social and environmental outcomes of the dynamic relationship between communities and land-based resources, and between social groups. Cases of community conservation and development in developing and industrialized countries.

Prerequisite(s): Graduate standing.

Learning Activities: Lecture 4 hour(s).

Cross Listing: GEO 254.

Grade Mode: Letter.

CRD 245 – The Political Economy of Urban & Regional Development (4 units)

Course Description: How global, political and economic restructuring and national and state policies are mediated by community politics; social production of urban form; role of the state in uneven development; dynamics of urban growth and decline; regional development in California.

Prerequisite(s): CRD 157; CRD 244; or equivalent.

Learning Activities: Lecture 4 hour(s).

Cross Listing: GEO 245.

Grade Mode: Letter.

CRD 246 – The Political Economy of Transnational Migration (4 units)

Course Description: Theoretical perspectives and empirical research on social, cultural, political, and economic processes of transnational migration to the U.S. Discussion of conventional theories will precede contemporary comparative perspectives on class, race, ethnicity, citizenship, and the ethnic economy.

Prerequisite(s): Graduate standing.

Learning Activities: Lecture 4 hour(s).

Cross Listing: GEO 246.

Grade Mode: Letter.

CRD 247 – Transformation of Work (4 units)

Course Description: Exploration of the ways that the experience, organization, and systems of work are being reconfigured in the late-20th century. The impacts of economic restructuring on local communities and workers.

Prerequisite(s): Graduate standing in history or social science degree program or consent of instructor.

Learning Activities: Lecture/Discussion 4 hour(s).

Grade Mode: Letter.

CRD 248 – Social Policy, Welfare Theories & Communities (4 units)

Course Description: Theories and comparative histories of modern welfare states and social policy in relation to legal/normative, organizational, and administrative aspects. Analysis of specific social issues within the U.S./California context.

Prerequisite(s): Graduate standing.

Learning Activities: Seminar 4 hour(s).

Credit Limitation(s): Not open for credit to students having completed CRD 248A and CRD 248B.

Cross Listing: GEO 248.

Grade Mode: Letter.

CRD 248A – Social Policy, Welfare Theories & Communities I (2 units)

Course Description: Theories and comparative histories of modern welfare states. Theories of welfare & social policy in relation to normative, organizational, and administrative aspects of welfare & social policy.

Prerequisite(s): Graduate standing.

Learning Activities: Seminar 2 hour(s).

Grade Mode: Letter.

CRD 248B – Social Policy, Welfare Theories & Communities II (2 units)

Course Description: Analysis of a specific set of social issues within the U.S./California context. Issues may include poverty, hunger, housing, health, family, disability, economic opportunity, affirmative action orientations, gender, old age, or special social groups.

Prerequisite(s): Graduate standing.

Learning Activities: Seminar 2 hour(s).

Enrollment Restriction(s): Concurrent enrollment in CRD 248A.

Grade Mode: Letter.

CRD 249 – Media Innovation & Community Development (4 units)

Course Description: Role of innovative media in communities and social change. Studies historical, practical and theoretical issues involving media in community organizing, social justice movements, democracy initiatives, and economic justice.

Learning Activities: Seminar 4 hour(s).

Enrollment Restriction(s): Open to graduate students.

Grade Mode: Letter.

CRD 250 – Professional Skills for Community Development (4 units)

Course Description: Help develop the practical skills needed to work professionally in organizations that are involved in community development. Provides an overview of community development planning, project management, and consultation skills.

Prerequisite(s): CRD 240.

Learning Activities: Lecture/Discussion 2 hour(s), Project 2 hour(s), Fieldwork, Extensive Writing/Discussion.

Enrollment Restriction(s): Priority enrollment for Masters & Ph.D. students in Community & Regional Development.

Grade Mode: Letter.

CRD 251 – Critical Social Science of the Environment (4 units)

Course Description: Relationships between forces of society and the environment through careful examination of the interactions between politics, economics, and global dynamics. Schools of thought concerning society, gender, environmental dynamics, and political economic arrangements across local and global spheres.

Learning Activities: Discussion 4 hour(s).

Grade Mode: Letter.

CRD 260 – Thesis Seminar (2 units)

Course Description: Workshop to help finalize thesis proposals and complete thesis.

Learning Activities: Seminar 2 hour(s).

Repeat Credit: May be repeated.

Grade Mode: Letter.

CRD 290 – Community Development Seminar (1 unit)

Course Description: Speaker series on key topics in community development.

Learning Activities: Seminar 1 hour(s).

Enrollment Restriction(s): Pass One restricted to graduate students in the CDGG masters program; open to other programs by consent of the instructor.

Repeat Credit: May be repeated as CDGG MS students must take four quarters to satisfy the MS degree requirements; may take course as many times as student chooses.

Grade Mode: Satisfactory/Unsatisfactory only.

CRD 292 – Graduate Internship (1-12 units)

Course Description: Individually designed supervised internship, off campus, in community or institutional setting. Developed with advice of faculty mentor.

Prerequisite(s): Consent of instructor.

Learning Activities: Internship 3-36 hour(s).

Repeat Credit: May be repeated and student may register in more than one internship section per term.

Grade Mode: Satisfactory/Unsatisfactory only.

CRD 293 – Community Development Graduate Proseminar (1 unit)

Course Description: Introduction to graduate training in Community Development. Seminar designed to introduce students entering graduate work in the Community Development Graduate Group to its ongoing activities.

Prerequisite(s): Enrollment in Community Development graduate group.

Learning Activities: Lecture/Discussion 1 hour(s).

Enrollment Restriction(s): Restricted to first year Community Development graduate students only.

Grade Mode: Satisfactory/Unsatisfactory only.

CRD 298 – Group Study (1-5 units)

Course Description: Group study.

Learning Activities: Variable.

Grade Mode: Letter.

CRD 299 – Research (1-12 units)

Course Description: Research.

Learning Activities: Variable.

Grade Mode: Satisfactory/Unsatisfactory only.

Human Development (HDE)

HDE 012 – Human Sexuality (3 units)

Course Description: Vocabulary, structure/function of reproductive system; sexual response; pre-natal development; pregnancy and childbirth; development of sexuality; rape and sexual assault; birth control; sexually transmitted diseases; homosexuality; establishing/maintaining intimacy; sexual dysfunctions; communication; enhancing sexual interaction, cultural differences in attitudes towards sexuality. May be taught abroad.

Learning Activities: Lecture 3 hour(s).

Grade Mode: Letter.

General Education: Social Sciences (SS); American Cultures, Governance, & History (ACGH); Domestic Diversity (DD).

HDE 092 – Internship (1-12 units)

Course Description: Supervised internship, off campus and on campus, in community and institutional setting. Involves progressively greater (supervised) participation in program delivery or assessment.

Prerequisite(s): Consent of instructor; field work experience or at least one course related to fieldwork assignment (e.g. HDE 100A, HDE 100B, HDE 140 or HDE 140L).

Learning Activities: Internship 3-36 hour(s).

Repeat Credit: May be repeated 12 unit(s).

Grade Mode: Pass/No Pass only.

HDE 098 – Directed Group Study for Undergraduates (1-5 units)

Course Description: Directed group study for undergraduates.

Prerequisite(s): Consent of instructor.

Learning Activities: Variable.

Grade Mode: Pass/No Pass only.

HDE 099 – Special Study for Undergraduates (1-5 units)

Course Description: Special study for undergraduates.

Learning Activities: Variable.

Grade Mode: Pass/No Pass only.

HDE 100A – Infancy & Early Childhood (4 units)

Course Description: Biological, social, and cultural influences in the psychological growth and development of children, prenatal through age six. Two observations of preschool children required.

Prerequisite(s): (PSC 001 or PSC 001Y); (BIS 002A or BIS 010 or BIS 001A or BIS 010V) or MCB 010 or NPB 010 or NPB 012 or MIC 010.

Learning Activities: Lecture 4 hour(s).

Enrollment Restriction(s): Pass One restricted to Human Development majors.

Grade Mode: Letter.

HDE 100AV – Infancy & Early Childhood (4 units)

Course Description: Biological, social, and cultural influences in the psychological growth and development of children, prenatal through age six. Two observations of preschool children required.

Prerequisite(s): (PSC 001 or PSC 001Y); (BIS 002A or BIS 010 or BIS 001A or BIS 010V) or MCB 010 or NPB 010 or NPB 012 or MIC 010).

Learning Activities: Web Virtual Lecture 4 hour(s).

Enrollment Restriction(s): Pass One restricted to Human Development majors.

Grade Mode: Letter.

HDE 100B – Middle Childhood & Adolescence (4 units)

This version has ended; see updated course, below.

Course Description: Interplay of biological and social-cultural factors in the emotional, cognitive and social development from middle childhood through adolescence.

Prerequisite(s): (HDE 100A or PSC 140 or PSC 140Y); (PSC 001 or PSC 001Y).

Learning Activities: Lecture 4 hour(s).

Grade Mode: Letter.

HDE 100B – Middle Childhood & Adolescence (4 units)

Course Description: Interplay of biological and social-cultural factors in the emotional, cognitive and social development from middle childhood through adolescence.

Prerequisite(s): (HDE 100A or HDE 100AV or PSC 140 or PSC 140Y); (PSC 001 or PSC 001Y).

Learning Activities: Lecture 4 hour(s).

Grade Mode: Letter.

This course version is effective from, and including: Spring Quarter 2024.

HDE 100C – Adulthood & Aging (4 units)

Course Description: Development during early, middle, and late adulthood; biological, cognitive, and psycho-social aspects of adult development. Emphasis on normative patterns of development which characterize "successful aging."

Prerequisite(s): PSC 001 or PSC 001Y.

Learning Activities: Lecture 4 hour(s).

Grade Mode: Letter.

HDE 101 – Cognitive Development (4 units)

Course Description: Theories, methods, evidence, and debates in the field of cognitive development, such as nature/nurture, constraints on learning, and the role of plasticity. Topics include attention, memory, concepts about the physical and social world, and language.

Prerequisite(s): HDE 100A or HDE 100AV or HDE 100B or PSC 140 or PSC 140Y.

Learning Activities: Lecture 3 hour(s), Term Paper.

Enrollment Restriction(s): Pass One restricted to Human Development majors.

Credit Limitation(s): Not open for credit to students who have taken PSC 141.

Grade Mode: Letter.

General Education: Writing Experience (WE).

HDE 102 – Social & Personality Development (4 units)

Course Description: Social and personality development of children, infancy through adolescence. Topics include the development of personality, achievement motivation, self-understanding, sex-role identity, and antisocial behavior. Emphasis on the interface between biological and social factors.

Prerequisite(s): HDE 100A or HDE 100AV or HDE 100B.

Learning Activities: Lecture 3 hour(s), Term Paper.

Enrollment Restriction(s): Pass One open to Human Development majors.

Grade Mode: Letter.

General Education: Social Sciences (SS); Writing Experience (WE).

HDE 104 – Children in Families, Schools, Communities (4 units)

This version has ended; see updated course, below.

Course Description: Children's social contexts (e.g., family, peers, school, neighborhood, community culture), development, and environmental challenges (e.g., poverty, maltreatment) from birth through adolescence.

Prerequisite(s): HDE 100A or HDE 100B or PSC 140 or PSC 140Y.

Learning Activities: Lecture 3 hour(s), Extensive Writing.

Enrollment Restriction(s): Pass One restricted to HDE majors.

Grade Mode: Letter.

HDE 104 – Children in Families, Schools, Communities (4 units)

Course Description: Children's social contexts (e.g., family, peers, school, neighborhood, community culture), development, and environmental challenges (e.g., poverty, maltreatment) from birth through adolescence.

Prerequisite(s): HDE 100A or HDE 100AV or HDE 100B or PSC 140 or PSC 140Y.

Learning Activities: Lecture 3 hour(s), Extensive Writing.

Enrollment Restriction(s): Pass One restricted to HDE majors.

Grade Mode: Letter.

This course version is effective from, and including: Spring Quarter 2024.

HDE 110 – Families in Communities (4 units)

Course Description: Family member's roles, interactions, and development, and how families are impacted by the larger community and society in which they live. Relevant topics/issues include: gender, race/ethnicity, parenting, marriage, grandparents, divorce, acculturation, migration, and policies relevant to family well-being.

Prerequisite(s): PSC 001 or PSC 001Y or CRD 001 or CRD 002 or SOC 001 or SOC 002.

Learning Activities: Lecture 4 hour(s).

Enrollment Restriction(s): Pass One restricted to HDE students.

Credit Limitation(s): Not open for credit to students who have taken HDE 110V.

Grade Mode: Letter.

General Education: Social Sciences (SS); Domestic Diversity (DD).

HDE 110V – Families in Communities (4 units)

Course Description: Family members' roles, interactions, and development, and how families are impacted by the larger community and society in which they live. Relevant topics/issues include gender, race/ethnicity, parenting, marriage, grandparents, divorce, acculturation, migration, and policies relevant to family well-being.

Prerequisite(s): CRD 001 or CRD 002 or PSC 001 or PSC 001Y or SOC 001 or SOC 002.

Learning Activities: Web Virtual Lecture 4 hour(s).

Enrollment Restriction(s): Pass One restricted to Human Development majors.

Credit Limitation(s): Not open for credit to students who have taken HDE 110.

Grade Mode: Letter.

General Education: Social Sciences (SS); Domestic Diversity (DD).

HDE 111 – Family Stress & Resilience (4 units)

Course Description: Theories and research associated with stressors affecting family functioning throughout the lifespan. Normative transitions and non-normative stressors, family services and family based policies and interventions.

Prerequisite(s): HDE 110 or HDE 110V.

Learning Activities: Lecture 3 hour(s), Extensive Writing.

Enrollment Restriction(s): Pass One restricted to Human Development majors.

Grade Mode: Letter.

General Education: Social Sciences (SS); Domestic Diversity (DD); Writing Experience (WE).

HDE 112 – Social Relationships Across the Lifespan (4 units)

This version has ended; see updated course, below.

Course Description: Spectrum of relationships across the lifespan; e.g., families, friends, members from the broader social network. Major theories and research among social relationships and development.

Prerequisite(s): HDE 100A or HDE 100B or HDE 100C.

Learning Activities: Lecture 4 hour(s).

Enrollment Restriction(s): Pass One restricted to Human Development majors.

Grade Mode: Letter.

General Education: Social Sciences (SS).

HDE 112 – Social Relationships Across the Lifespan (4 units)

Course Description: Spectrum of relationships across the lifespan; e.g., families, friends, members from the broader social network. Major theories and research among social relationships and development.

Prerequisite(s): HDE 100A or HDE 100AV or HDE 100B or HDE 100C.

Learning Activities: Lecture 4 hour(s).

Enrollment Restriction(s): Pass One restricted to Human Development majors.

Grade Mode: Letter.

General Education: Social Sciences (SS).

This course version is effective from, and including: Spring Quarter 2024.

HDE 117 – Longevity (4 units)

Course Description: Nature, origin, determinants, and limits of longevity with particular reference to humans; emphasis on implications of findings from non-human model systems including natural history, ecology and evolution of life span; description of basic demographic techniques including life table methods.

Prerequisite(s): Upper division standing or consent of instructor.

Learning Activities: Lecture 3 hour(s), Term Paper 1 hour(s).

Cross Listing: ENT 117.

Grade Mode: Letter.

General Education: Science & Engineering (SE); Scientific Literacy (SL); Writing Experience (WE).

HDE 120 – Research Methods in Human Development (5 units)

Course Description: Scientific process, research designs, and experimental controls; APA manuscript style and scientific writing; statistical analysis and interpretation of results. Laboratory exercises to collect data, analyze and interpret results, and write scientific papers.

Prerequisite(s): STA 013 or STA 013Y or STA 013V or STA 100 or EDU 114 or PSC 041 or (SOC 046A, SOC 046B).

Learning Activities: Lecture 3 hour(s), Laboratory 3 hour(s).

Grade Mode: Letter.

General Education: Social Sciences (SS); Quantitative Literacy (QL); Writing Experience (WE).

HDE 121 – Psychological Assessment (4 units)

Course Description: Current issues and methodology related to the process of psychological assessment with children.

Prerequisite(s): (HDE 100A or HDE 100AV or HDE 100B); (STA 013 or STA 013Y or PSC 041 or (SOC 046A, SOC 046B)).

Learning Activities: Lecture 4 hour(s).

Grade Mode: Letter.

HDE 130 – Developmental Psychopathology (4 units)

Course Description: Foundational principles and current issues in developmental psychopathology, the study of mental health problems and disorders that originate in childhood and adolescence (e.g., disruptive behavior, mood and anxiety disorders).

Prerequisite(s): (HDE 100A, HDE 100B) or (PSC 140 or PSC 140Y); consent of instructor.

Learning Activities: Lecture 3 hour(s), Discussion 1 hour(s).

Grade Mode: Letter.

HDE 131 – Thriving Across the Lifespan (4 units)

Course Description: Positive developmental trajectories from womb to tomb. Developmental process of thriving (e.g., happiness, life satisfaction, wisdom) and the factors that support thriving.

Prerequisite(s): HDE 100A or HDE 100AV or HDE 100B or HDE 100C.

Learning Activities: Lecture 4 hour(s).

Grade Mode: Letter.

General Education: Social Sciences (SS).

HDE 131V – Thriving Across the Lifespan (4 units)

Course Description: Positive developmental trajectories from womb to tomb. Developmental process of thriving (e.g., happiness, life satisfaction, wisdom) and the factors that support thriving.

Prerequisite(s): HDE 100A or HDE 100B or HDE 100C.

Learning Activities: Web Virtual Lecture 4 hour(s).

Enrollment Restriction(s): Pass One restricted to Human Development majors.

Grade Mode: Letter.

General Education: Social Sciences (SS).

HDE 132 – Individual Differences in Cognition (4 units)

Course Description: Individual differences in cognition, including learning disabilities and giftedness. Education implications and neurodevelopmental substrates of individual differences in cognition.

Prerequisite(s): (PSC 001 or PSC 001Y); (HDE 100A or HDE 100AV or HDE 100B).

Learning Activities: Lecture 4 hour(s).

Grade Mode: Letter.

HDE 133 – Stress, Adversity & Resilience (4 units)

Course Description: Short and long term biobehavioral responses to stress and adversity. The biological, psychological, social, and cultural factors of resilience. Interventions promoting resilience. Developmental perspective of stress and resilience across the lifespan.

Prerequisite(s): HDE 100A or HDE 100B or HDE 100C.

Learning Activities: Lecture 3 hour(s), Extensive Writing.

Enrollment Restriction(s): Pass One restricted to Human Development majors.

Grade Mode: Letter.

General Education: Social Sciences (SS); Domestic Diversity (DD); Writing Experience (WE).

HDE 133V – Stress, Adversity & Resilience (4 units)

Course Description: Short and long term biobehavioral responses to stress and adversity. The biological, psychological, social, and cultural factors of resilience. Interventions promoting resilience. Developmental perspective of stress and resilience across the lifespan.

Prerequisite(s): HDE 100A or HDE 100AV or HDE 100B or HDE 100C.

Learning Activities: Web Virtual Lecture 3 hour(s), Extensive Writing.

Enrollment Restriction(s): Pass One restricted to Human Development majors.

Grade Mode: Letter.

General Education: Diversity Literacy (DL), Social Sciences (SS), Writing Experience (WE).

HDE 134 – Disparities & Inequalities in Health & Wellbeing (4 units)

Course Description: Biological, psychosocial, environmental, historical, and political factors on disparities and inequalities. Individual differences in risk exposures. Developmental and intergenerational processes. Policy applications of disparities research.

Prerequisite(s): HDE 100A or HDE 100AV or HDE 100B or HDE 100C.

Learning Activities: Lecture/Discussion 4 hour(s).

Enrollment Restriction(s): Pass One open to HDE majors only.

Credit Limitation(s): Only two units of credit for student who have previously taken SPH 113; only two units of credit for student who have previously taken SOC 163.

Grade Mode: Letter.

General Education: Social Sciences (SS); Domestic Diversity (DD).

HDE 135 – Health Behaviors Across the Lifespan (4 units)

This version has ended; see updated course, below.

Course Description: Development of health-related behaviors and physical and mental health outcomes across the lifespan. Coping strategies and behaviors such as nutrition, physical activity, technology, substance use/abuse, and social and cognitive engagement, as related to developmental stage.

Prerequisite(s): NPB 011 or NUT 010 or NUT 010V or NUT 010Y or SAS 013 or HDE 100A or HDE 100B or HDE 100C.

Learning Activities: Lecture 3 hour(s), Extensive Writing.

Grade Mode: Letter.

General Education: Social Sciences (SS).

HDE 135 – Health Behaviors Across the Lifespan (4 units)

Course Description: Development of health-related behaviors and physical and mental health outcomes across the lifespan. Coping strategies and behaviors such as nutrition, physical activity, technology, substance use/abuse, and social and cognitive engagement, as related to developmental stage.

Prerequisite(s): NPB 011 or NUT 010 or NUT 010V or NUT 010Y or SAS 013 or HDE 100A or HDE 100AV or HDE 100B or HDE 100C.

Learning Activities: Lecture 3 hour(s), Extensive Writing.

Grade Mode: Letter.

General Education: Social Sciences (SS).

This course version is effective from, and including: Spring Quarter 2024.

HDE 137 – Contextual Determinants of Health (4 units)

This version has ended; see updated course, below.

Course Description: Community, cultural, political, and physical environment influences on health and well-being. Developmental approach. Unique contextual determinants of health from womb to tomb.

Prerequisite(s): HDE 100A or HDE 100B or HDE 100C.

Learning Activities: Lecture 4 hour(s).

Enrollment Restriction(s): Pass One restricted with Human Development majors.

Grade Mode: Letter.

General Education: Social Sciences (SS); Domestic Diversity (DD).

HDE 137 – Contextual Determinants of Health (4 units)

Course Description: Community, cultural, political, and physical environment influences on health and well-being. Developmental approach. Unique contextual determinants of health from womb to tomb.

Prerequisite(s): HDE 100A or HDE 100AV or HDE 100B or HDE 100C.

Learning Activities: Lecture 4 hour(s).

Enrollment Restriction(s): Pass One restricted with Human Development majors.

Grade Mode: Letter.

General Education: Social Sciences (SS); Domestic Diversity (DD).

This course version is effective from, and including: Winter Quarter 2024.

HDE 140L – Laboratory in Early Childhood (4 units)

This version has ended; see updated course, below.

Course Description: Application of theories of learning and development to interaction with infants, toddlers, and preschoolers at Early Childhood Laboratory. Applied skills in communication, guidance and curriculum.

Prerequisite(s): HDE 100A; consent of instructor; to enroll, students must contact the Internship Coordinator in 1303 Hart Hall.

Learning Activities: Laboratory 7 hour(s), Discussion 2 hour(s).

Grade Mode: Letter.

HDE 140L – Laboratory in Early Childhood (4 units)

Course Description: Application of theories of learning and development to interaction with infants, toddlers, and preschoolers at Early Childhood Laboratory. Applied skills in communication, guidance and curriculum.

Prerequisite(s): HDE 100A or HDE 100AV; consent of instructor; to enroll, students must contact the Internship Coordinator in 1303 Hart Hall.

Learning Activities: Laboratory 7 hour(s), Discussion 2 hour(s).

Grade Mode: Letter.

This course version is effective from, and including: Winter Quarter 2024.

HDE 141 – Field Study With Children & Adolescents (4-6 units)

This version has ended; see updated course, below.

Course Description: Study of children's affective, cognitive and social development within the context of family/school environments, hospitals and foster group homes.

Prerequisite(s): HDE 100A or HDE 100B; and consent of instructor.

Learning Activities: Discussion 2 hour(s), Fieldwork 6-12 hour(s).

Repeat Credit: May be repeated 12 unit(s).

Grade Mode: Letter.

HDE 141 – Field Study With Children & Adolescents (4-6 units)

Course Description: Study of children's affective, cognitive and social development within the context of family/school environments, hospitals and foster group homes.

Prerequisite(s): HDE 100A or HDE 100AV or HDE 100B; and consent of instructor.

Learning Activities: Discussion 2 hour(s), Fieldwork 6-12 hour(s).

Repeat Credit: May be repeated 12 unit(s).

Grade Mode: Letter.

This course version is effective from, and including: Spring Quarter 2024.

HDE 142 – Field Study with Emotionally Distressed Children & Adolescents (4-6 units)

Course Description: Field study with children who are identified as emotionally distressed, including those with internalizing and externalizing behavioral problems.

Prerequisite(s): HDE 130 (can be concurrent); and consent of instructor.

Learning Activities: Discussion 1.50 hour(s), Fieldwork 6-12 hour(s).

Repeat Credit: May be repeated 12 unit(s).

Grade Mode: Letter.

HDE 143 – Field Studies of the Elderly (4-6 units)

Course Description: Apply theory and research on adult development and aging, work with older adults in a variety of settings, and develop skills relevant to that application. Develop a small research project.

Prerequisite(s): HDE 100C or HDE 160 (can be concurrent); and consent of instructor.

Learning Activities: Discussion 2 hour(s), Fieldwork 6 hour(s), Variable 4-6 hour(s).

Grade Mode: Letter.

HDE 160 – Social Aspects of Aging (4 units)

Course Description: How the social context affects adult development and aging. Emphasis on demography, social policy, culture, and adaptation. Oral histories as class projects.

Prerequisite(s): HDE 100C.

Learning Activities: Lecture 4 hour(s).

Grade Mode: Letter.

HDE 161 – Technology Use, Health, & Aging (4 units)

Course Description: Principles from gerontology applied to older adults' use of technology to support health and well-being across a variety of domains (e.g., cognitive and physical fitness, social engagement) and contexts (assisted living, aging in place). Cognitive, sensory, and physical changes in later life that impact technology use.

Prerequisite(s): (PSC 001 or PSC 001Y); HDE 100C; or consent of instructor.

Learning Activities: Lecture/Discussion 4 hour(s).

Grade Mode: Letter.

General Education: Social Sciences (SS); Writing Experience (WE).

HDE 163 – Cognitive Neuropsychology in Adulthood & Aging (4 units)

Course Description: Theories, methods, and findings concerning the relationship between cognitive processes and brain functioning. Readings, lectures, and in-class discussions cover research on normal younger and older adults, neuropsychological case studies, and selected patient groups (e.g., amnesia, schizophrenia, Alzheimer's disease).
Prerequisite(s): (PSC 001 or PSC 001Y); HDE 100C recommended.
Learning Activities: Lecture/Discussion 4 hour(s).
Grade Mode: Letter.

HDE 180 – Special Topics in Human Development (4 units)

Course Description: In-depth examination into selected topics in the field of human development (e.g., brain development, parenting, nutrition). Content varies from quarter to quarter.
Prerequisite(s): Four upper division courses in Human Development (HDE).
Learning Activities: Lecture 3 hour(s), Extensive Writing.
Enrollment Restriction(s): Restricted to HDE students with junior or senior class standing; priority given to students who have not received HDE 180 units previously.
Repeat Credit: May be repeated 1 time(s) when the topic differs.
Grade Mode: Letter.

HDE 190C – Introductory Research Conference (1 unit)

Course Description: Instructors lead discussions with undergraduate students who involve themselves in a research project. Research papers are reviewed and aspects of project proposals developed out of class are presented and evaluated.
Prerequisite(s): Involvement in ongoing research; consent of instructor.
Learning Activities: Discussion 1 hour(s).
Repeat Credit: May be repeated.
Grade Mode: Pass/No Pass only.

HDE 192 – Internship (1-12 units)

Course Description: Supervised internship off and on campus, in community, and institutional settings.
Prerequisite(s): Consent of instructor; upper division standing.
Learning Activities: Internship 3-36 hour(s).
Grade Mode: Pass/No Pass only.

HDE 197T – Peer Tutoring in Human Development (1-5 units)

Course Description: Assist the instructor of a Human Development course by tutoring individual students or small groups of students, leading voluntary discussion groups, or organizing other voluntary activities.
Prerequisite(s): Consent of instructor; upper division standing completion of course to be tutored.
Learning Activities: Tutorial 3-15 hour(s).
Repeat Credit: May be repeated 10 unit(s) with consent of instructor.
Grade Mode: Pass/No Pass only.

HDE 198 – Directed Group Study (1-5 units)

Course Description: May be taught abroad.
Learning Activities: Variable.
Grade Mode: Pass/No Pass only.

HDE 199 – Special Study for Advanced Undergraduates (1-5 units)

Course Description: Special study for advanced undergraduates.
Learning Activities: Variable.
Grade Mode: Pass/No Pass only.

HDE 200A – Early Development (4 units)

Course Description: Theory and research on the biological, social, cognitive, and cultural aspects of development from conception to the age of five years.
Prerequisite(s): Graduate standing; basic biology or physiology; one upper division course in psychology or a related field; one upper division or graduate course in developmental psychology (can be concurrent).
Learning Activities: Lecture 3 hour(s), Discussion 1 hour(s).
Grade Mode: Letter.

HDE 200B – Middle Childhood & Adolescence (4 units)

Course Description: Theory and research on biological, cognitive, social, and cultural influences on behavioral development from age five years until late adolescence.
Prerequisite(s): Graduate standing; basic biology or physiology, and at least two upper division or graduate level courses in psychology or related fields.
Learning Activities: Lecture 3 hour(s), Discussion 1 hour(s).
Grade Mode: Letter.

HDE 200C – Development in Adulthood (4 units)

Course Description: Theory and research focusing on social, personality, cognitive, and biological development from early to late adulthood. Emphasis is on theory development and continuity and change.
Learning Activities: Lecture/Discussion 4 hour(s).
Grade Mode: Letter.

HDE 203 – Adolescent Behavioral & Emotional Development (4 units)

Course Description: Analysis of recent theories, research methods, and major findings on adolescent behavioral and emotional development, including contextual and genetic influences on adolescence, pubertal transitions, and social/family contexts and processes. Emphasis on multi-level mechanisms underlying adolescent behavioral and emotional development.
Prerequisite(s): HDE 200B.
Learning Activities: Lecture/Discussion 4 hour(s).
Grade Mode: Letter.

HDE 204 – Developmental Neuroscience & Adolescent Psychopathology (4 units)

Course Description: Introduction to human developmental neuroscience. Understanding of adolescence and its characterization as a time of risky and unhealthy behavior and vulnerability to onset of mental disorder as well as issues around plasticity of the adolescent brain and prevention/intervention.
Prerequisite(s): Graduate standing in Human Development, Psychology, Education, Neuroscience or consent of instructor.
Learning Activities: Lecture 4 hour(s).
Grade Mode: Letter.

HDE 205 – Longitudinal Data Analysis (4 units)

Course Description: Introduction to longitudinal data manipulation, organization, description, and modeling in the multilevel modeling and structural equation modeling frameworks.

Prerequisite(s): PSC 204B; or equivalent graduate courses in statistics or consent of instructor; familiarity with multiple regression and the basics of matrix algebra.

Learning Activities: Lecture 3 hour(s), Term Paper.

Enrollment Restriction(s): Open to graduate students only.

Grade Mode: Letter.

HDE 207 – Topics in Technology Use, Health & Aging (4 units)

Course Description: Principles from gerontology applied to older adults' use of technology to support health and well-being across a variety of domains (e.g., cognitive and physical fitness, social engagement) and contexts (assisted living, aging in place). Cognitive, sensory, and physical changes in later life that impact technology use.

Prerequisite(s): Graduate standing in one of the following Graduate Groups: Human Development, Psychology, Communication, Education, and Nursing Science and Healthcare Leadership, or consent of instructor.

Learning Activities: Lecture/Discussion 4 hour(s).

Grade Mode: Letter.

HDE 210 – Theories of Behavioral Development (3 units)

Course Description: Consideration of enduring issues in theories of behavioral development; analysis of adequacy of major theoretical schools (e.g., social learning, Piagetian) as scientific theories.

Prerequisite(s): Graduate standing in behavioral sciences.

Learning Activities: Lecture 2 hour(s), Discussion 1 hour(s).

Grade Mode: Letter.

HDE 211 – Physiological Correlates of Behavioral Development (4 units)

Course Description: An overview of mechanisms of organismic development and the implications of developmental biology for the analysis of behavioral ontogeny; consideration of parallels between processes of organismic development and behavioral development in children and infra-human mammals.

Prerequisite(s): Consent of instructor.

Learning Activities: Seminar 4 hour(s).

Grade Mode: Letter.

HDE 220 – Research Methods in Human Growth & Development (4 units)

Course Description: Overview of qualitative and quantitative approaches to empirical inquiry in the social sciences, with a focus on theory and research methods in biological growth and cognitive and social/emotional development from prenatal period to death.

Prerequisite(s): STA 013 or STA 013Y; or the equivalent and at least two upper division courses in Human Biology or Developmental Psychology.

Learning Activities: Lecture 4 hour(s).

Grade Mode: Letter.

HDE 232 – Cognition & Aging (3 units)

Course Description: Manner in which cognitive processes are affected by aging as well as an understanding of the changes in the central nervous system occurring with aging.

Prerequisite(s): HDE 200C.

Learning Activities: Lecture/Discussion 3 hour(s).

Grade Mode: Letter.

HDE 234 – Children's Learning & Thinking (3 units)

Course Description: Analysis of theories, research methods, and major findings of children's higher-order cognition, including origins of knowledge, development of problem-solving skills, reasoning strategies, and scientific concepts, with an emphasis on the underlying mechanism involved in children's thinking and learning processes.

Prerequisite(s): HDE 200A or PSC 212 recommended.

Learning Activities: Seminar 3 hour(s).

Grade Mode: Letter.

HDE 238 – The Context of Individual Development (3 units)

Course Description: Analysis of human development within the context of daily life. Contextualizing theories and methods of developmental psychology will be distinguished from contextual theories and methods. Developmental psychology models will be distinguished from child psychology models.

Prerequisite(s): Graduate standing in Human Development, Child Development, Education, Psychology, Anthropology, Sociology, or consent of instructor.

Learning Activities: Lecture/Discussion 3 hour(s).

Grade Mode: Letter.

HDE 239 – Developmental Psychopathology (4 units)

Course Description: Theories, current issues, and empirical studies of atypical development from infancy to adulthood that integrate multiple system levels from genes, neurobiology, cognition, emotion, family and peer dynamics to community and cultural contexts.

Prerequisite(s): Graduate standing in Human Development, Psychology, Sociology, a related social science, or consent of instructor.

Learning Activities: Discussion/Laboratory 3 hour(s), Term Paper.

Grade Mode: Letter.

HDE 240 – Peer Relationships during Adolescence (4 units)

Course Description: Examines the role of peer relationships in adolescent development including forms and functions at the individual, dyadic and group levels. Ethnicity and cross cultural research will be discussed. Emphasis on methodology, including surveys, peer nominations/sociometrics, experimental, and observational designs.

Learning Activities: Lecture/Discussion 4 hour(s).

Enrollment Restriction(s): Graduate standing in Human Development, Psychology, Education, or consent of instructor.

Grade Mode: Letter.

HDE 250 – Current Research on Family Relationships (4 units)

Course Description: Discussion of theories, methods, and current research on the nature and development of sibling, romantic, and parent-child relationships across the lifespan. Emphasis on interpersonal and family processes examined in ethnic/cultural contexts. Implications for individual development will be addressed.

Learning Activities: Discussion/Laboratory 3 hour(s), Term Paper.

Enrollment Restriction(s): Graduate standing in Human Development Graduate Group, Psychology, Sociology, a related social science, or consent of instructor.

Grade Mode: Letter.

HDE 252 – Family Research, Programs & Policy (4 units)

Course Description: Examines the competing interests of research, policy, and service on current issues of family functioning and individual well being. Considers communication barriers between researchers, practitioners, and policy makers.

Learning Activities: Seminar 3 hour(s), Term Paper.

Enrollment Restriction(s): Graduate standing in Human Development, Psychology, Sociology, related social sciences, or consent of instructor.

Grade Mode: Letter.

HDE 290 – Seminar (3 units)

Course Description: Discussion and evaluation of theories, research, and issues in human development. Different topics each quarter.

Learning Activities: Seminar 3 hour(s).

Grade Mode: Letter.

HDE 290C – Research Conference (1 unit)

Course Description: Supervising instructors lead research discussions with their graduate students. Research papers are reviewed and project proposals are presented and evaluated.

Prerequisite(s): Consent of instructor; graduate standing.

Learning Activities: Discussion 1 hour(s).

Repeat Credit: May be repeated.

Grade Mode: Satisfactory/Unsatisfactory only.

HDE 291 – Research Issues in Human Development (4 units)

Course Description: In-depth presentations of research issues in particular areas of behavioral development.

Prerequisite(s): Graduate Standing in the behavioral sciences.

Learning Activities: Seminar 4 hour(s).

Repeat Credit: May be repeated.

Grade Mode: Letter.

HDE 292 – Graduate Internship (1-12 units)

Course Description: Individually designed supervised internship, off campus, in community or institutional setting. Developed with advice of faculty mentor.

Prerequisite(s): Consent of faculty (internship sponsor) and satisfactory completion of placement relevant course work, for example: EDU 213, EDU 216; HDE 222, HDE 242; LAW 272, LAW 273.

Learning Activities: Internship 3-36 hour(s).

Repeat Credit: May be repeated 12 unit(s) with justified skill acquisition and promise of informing evaluation research.

Grade Mode: Satisfactory/Unsatisfactory only.

HDE 298 – Group Study (1-5 units)

Course Description: Group study.

Learning Activities: Variable.

Grade Mode: Letter.

HDE 299 – Research (1-12 units)

Course Description: Research.

Learning Activities: Variable.

Grade Mode: Satisfactory/Unsatisfactory only.

HDE 396 – Teaching Assistant Training Practicum (1-4 units)

Course Description: Teaching assistant training.

Prerequisite(s): Graduate standing.

Learning Activities: Variable.

Repeat Credit: May be repeated.

Grade Mode: Pass/No Pass only.

Landscape Architecture (LDA)

LDA 001 – Introduction to Environmental Design (4 units)

Course Description: Introduction to the role of design professionals in contributing to the built environment at a range of scales. Introduction to basic methods used by design professionals to evaluate, design, plan, and manage landscapes and the built environment.

Learning Activities: Lecture 3 hour(s), Discussion 1 hour(s).

Grade Mode: Letter.

General Education: Arts & Humanities (AH) or Science & Engineering (SE) or Social Sciences (SS); Domestic Diversity (DD); Visual Literacy (VL).

LDA 002 – Place, Culture & Community (4 units)

Course Description: Social dimensions of landscapes and everyday environments, including concepts of place, culture and community. Urban and rural environments including wilderness, parks, sacred space, agricultural sites, workplaces, transportation networks, housing, recreation, and military sites. Application of course concepts and methods for interpreting cultural landscapes through archival and field research.

Learning Activities: Lecture 3 hour(s), Discussion 1 hour(s).

Grade Mode: Letter.

General Education: Social Sciences (SS); American Cultures, Governance, & History (ACGH); Visual Literacy (VL); Writing Experience (WE).

LDA 003 – Sustainable Development: Theory & Practice (4 units)

Course Description: Origins, theoretical perspectives, and practical applications of the concept of sustainable development across scales (site, building, neighborhood, city, region, and nation) through lectures, sketch exercises, student projects, walking tours.

Learning Activities: Lecture 3 hour(s), Discussion 1 hour(s).

Grade Mode: Letter.

General Education: Social Sciences (SS); American Cultures, Governance, & History (ACGH); Visual Literacy (VL); Writing Experience (WE).

LDA 010 – World Regional Geography (3 units)

Course Description: Major geographic regions of the world; physical and human geography of each region; interactions between the people and the environment; culture and landscape; major resources; physical environments; population distribution and major cities.

Learning Activities: Lecture 3 hour(s).

Grade Mode: Letter.

General Education: Arts & Humanities (AH) or Social Sciences (SS); World Cultures (WC).

LDA 021 – Landscape Representation I (4 units)

Course Description: Introduction to landscape architectural representation techniques. Fundamentals of orthographic drafting, freehand drawing, photography, and basic digital representation.

Prerequisite(s): LDA 001 (can be concurrent); or consent of instructor.

Learning Activities: Lecture 3 hour(s), Laboratory 3 hour(s).

Enrollment Restriction(s): Pass One restricted to Pre-Landscape Architecture and Sustainable Environmental Design majors.

Grade Mode: Letter.

General Education: Arts & Humanities (AH); Oral Skills (OL); Visual Literacy (VL).

LDA 023 – Landscape Representation II (4 units)

Starting Winter Quarter 2024, this course is no longer offered.

Course Description: Methods to explore and communicate environmental design intentions through digital media.

Prerequisite(s): LDA 021; or consent of instructor.

Learning Activities: Studio 6 hour(s), Project.

Enrollment Restriction(s): Fall quarters restricted to Landscape Architecture majors. Spring quarters restricted to Sustainable Environmental Design majors.

Grade Mode: Letter.

LDA 030 – History of Environmental Design (4 units)

Course Description: History of Environmental Design across disciplines, including landscape architecture, architecture, planning, and urban design.

Learning Activities: Lecture 4 hour(s).

Grade Mode: Letter.

General Education: Arts & Humanities (AH); Visual Literacy (VL); Writing Experience (WE).

LDA 050 – Site Ecology (4 units)

Course Description: Introduction to ecological concepts, including nutrient dynamics, population regulation, community structure, ecosystem function. Principles will be applied to human activities such as biological conservation, ecological restoration, landscape planning, and management. Weekly lab devoted to field exercises in local ecosystems.

Prerequisite(s): BIS 002B.

Learning Activities: Lecture 3 hour(s), Laboratory 3 hour(s).

Enrollment Restriction(s): Pass One restricted to Pre-Landscape Architecture and Sustainable Environmental Design majors.

Grade Mode: Letter.

General Education: Science & Engineering (SE); Visual Literacy (VL); Writing Experience (WE).

LDA 060 – Landform & Grading Studio (6 units)

Course Description: Introduction of landform and topography as landscape medium and utilization of grading and drainage to design meaningful and functional spaces. Intro to site analysis and site planning, with specific attention to topography.

Prerequisite(s): LDA 070.

Learning Activities: Studio 8 hour(s), Extensive Problem Solving, Project.

Enrollment Restriction(s): Pass One restricted to Pre-Landscape Architecture majors.

Grade Mode: Letter.

General Education: Arts & Humanities (AH) or Science & Engineering (SE); Oral Skills (OL); Visual Literacy (VL).

LDA 070 – Introduction to Spacemaking (4 units)

Course Description: Introduction to basic principles of design towards the creation of space. Design methodologies and skills to define, manipulate, and represent the built environment. Workshops in 3D physical modeling for spacemaking.

Prerequisite(s): LDA 021; or consent of instructor.

Learning Activities: Lecture 3 hour(s), Laboratory 3 hour(s).

Enrollment Restriction(s): Pass One restricted to Pre-Landscape Architecture and Sustainable Environmental Design majors.

Grade Mode: Letter.

General Education: Arts & Humanities (AH); Oral Skills (OL); Visual Literacy (VL).

LDA 098 – Directed Group Study in Landscape Architecture (1-5 units)

Course Description: Directed group study.

Prerequisite(s): Consent of instructor.

Learning Activities: Variable 1-5 hour(s).

Grade Mode: Pass/No Pass only.

LDA 099 – Special Study for Undergraduates in Landscape Architecture (1-5 units)

Course Description: Special study for undergraduates.

Prerequisite(s): Consent of instructor.

Learning Activities: Variable 1-5 hour(s).

Grade Mode: Pass/No Pass only.

LDA 101 – Advanced Theory in Environmental Design (3 units)

Course Description: Provides exploration of contemporary theories and philosophies impacting design of landscapes and the built environment. Includes exploring competing definitions of "landscape," "nature," and "culture."

Prerequisite(s): LDA 070 (can be concurrent); or consent of instructor.

Learning Activities: Lecture/Discussion 3 hour(s).

Enrollment Restriction(s): Open to Landscape Architecture and Sustainable Environmental Design majors only.

Grade Mode: Letter.

General Education: Arts & Humanities (AH).

LDA 102 – Methods in Design & Landscape Research (3 units)

Course Description: Research, design, and planning methods employed in landscape architecture. Exercises allow students to design independent landscape research. Lectures provide a historical overview of research methodology.

Prerequisite(s): LDA 171; or consent of instructor.

Learning Activities: Lecture 3 hour(s).

Enrollment Restriction(s): Open to Landscape Architecture majors only.

Grade Mode: Letter.

General Education: Arts & Humanities (AH); Oral Skills (OL); Visual Literacy (VL); Writing Experience (WE).

LDA 119 – Landscape Representation II (4 units)

Course Description: Methods to explore and communicate environmental design intentions through digital media.

Prerequisite(s): LDA 021; or consent of instructor.

Learning Activities: Lecture/Lab 4 hour(s).

Enrollment Restriction(s): Fall quarter restricted to Landscape Architecture majors; spring quarter restricted to Sustainable Environmental Design majors.

Credit Limitation(s): No credit if student has taken LDA 023.

Grade Mode: Letter.

LDA 120 – Landscape Representation III (4 units)

Course Description: Studio to explore advanced representation and modeling skills. Digital drawing applied as an analytical research method, generative design technique and presentation tool.

Prerequisite(s): LDA 023; or consent of instructor.

Learning Activities: Lecture 2 hour(s), Laboratory 4 hour(s).

Enrollment Restriction(s): Restricted to Landscape Architecture majors.

Grade Mode: Letter.

LDA 140 – Green Building, Design, & Materials (4 units)

Course Description: Sustainable design and construction techniques at site and building scales. Emphasizes real-world case studies, analysis of opportunities for actual sites, and application of LEED and Sustainable Sites green rating systems.

Prerequisite(s): LDA 050; LDA 070.

Learning Activities: Lecture 2 hour(s), Laboratory 4 hour(s).

Enrollment Restriction(s): Pass One restricted to Sustainable Environmental Design majors.

Grade Mode: Letter.

General Education: Arts & Humanities (AH) or Science & Engineering (SE); Visual Literacy (VL).

LDA 141 – Community Participation & Design (4 units)

Course Description: Introduction to community participation and design. Incorporates social and cultural factors, public and community processes, theories and practices related to human-environment behavior; community involvement in design, social analysis, community engagement, accessibility, diversity and politics of place.

Prerequisite(s): LDA 021; LDA 030; LDA 050; LDA 070.

Learning Activities: Lecture 2 hour(s), Laboratory 4 hour(s).

Enrollment Restriction(s): Open to Landscape Architecture and Sustainable Environmental Design majors.

Grade Mode: Letter.

General Education: Arts & Humanities (AH) or Social Sciences (SS); American Cultures, Governance, & History (ACGH); Domestic Diversity (DD); Visual Literacy (VL).

LDA 142 – Applying Sustainable Strategies (6 units)

Course Description: Capstone class examines case studies and techniques of sustainable development. Student teams will develop detailed proposals for real-world sites.

Prerequisite(s): LDA 140; LDA 141.

Learning Activities: Lecture 3 hour(s), Discussion 3 hour(s).

Enrollment Restriction(s): Restricted to Sustainable Environmental Design Majors.

Grade Mode: Letter.

General Education: Arts & Humanities (AH) or Science & Engineering (SE) or Social Sciences (SS); Oral Skills (OL); Visual Literacy (VL); Writing Experience (WE).

LDA 150 – Introduction to Geographic Information Systems (4 units)

Course Description: Basic concepts, principles, and methods of GIS are presented. Data structures, database design, GIS data creation, GPS, and spatial analysis. May be taught abroad.

Learning Activities: Lecture 3 hour(s), Laboratory 3 hour(s).

Enrollment Restriction(s): Pass One restricted to Landscape Architecture and Sustainable Environmental Design majors.

Credit Limitation(s): Not open to credit for students who have completed ABT 180, PLS 180, ABT 181N.

Cross Listing: ABT 150.

Grade Mode: Letter.

General Education: Science & Engineering (SE); Visual Literacy (VL).

LDA 152 – Conservation Planning & Design (4 units)

Course Description: Theories and practice of conservation planning and design. Relationships between ecological theory, conservation principles, reserve design and policy. Applications to real-world conservation planning problems are presented in discussion/lab.

Prerequisite(s): BIS 002B; LDA 150 D or better or ABT 150 D or better.

Learning Activities: Lecture 3 hour(s); Discussion/Laboratory 1 hour(s).

Grade Mode: Letter.

General Education: Science & Engineering (SE).

LDA 160 – Design & Build Studio (6 units)

Course Description: Introduction to the spatial design and construction of small-scale projects. Hands-on approach to learning and understanding materials (including wood, concrete, and stone) and methods in landscape construction, and the application of technical skills (including detailing, cost estimation, and specifications).

Prerequisite(s): LDA 001; LDA 002; LDA 003; LDA 021; LDA 030; LDA 050; LDA 070.

Learning Activities: Studio 8 hour(s), Extensive Problem Solving, Fieldwork.

Enrollment Restriction(s): Restricted to Landscape Architecture majors.

Grade Mode: Letter.

General Education: Arts & Humanities (AH); Oral Skills (OL); Visual Literacy (VL).

LDA 161 – Professional Practice & Construction Documents (6 units)

Course Description: Legal and professional aspects of landscape architecture, including the development of construction documents (drawings and specifications), proposal writing, fee calculations, project management, cost estimation, and insurance.

Prerequisite(s): LDA 171.

Learning Activities: Studio 8 hour(s), Project, Fieldwork.

Enrollment Restriction(s): Open to Landscape Architecture majors only.

Grade Mode: Letter.

LDA 170 – Site Planning & Design Studio (6 units)

Course Description: Application of place-making and problem-solving skills to local landscape sites. Analysis of social and environmental conditions in the field. Lectures link design projects to contemporary theories and practices.

Prerequisite(s): LDA 160.

Learning Activities: Studio 8 hour(s), Fieldwork.

Enrollment Restriction(s): Open to Landscape Architecture majors only.

Grade Mode: Letter.

General Education: Arts & Humanities (AH); Oral Skills (OL); Visual Literacy (VL).

LDA 171 – Urban Design & Planning Studio (6 units)

Course Description: Studio designing large-scale landscapes at regional, sub-regional, and neighborhood scales. Focuses on understanding complex social, economic, and environmental factors, developing sustainability priorities and strategies, and applying them through design and policy.

Prerequisite(s): LDA 170.

Learning Activities: Studio 8 hour(s).

Enrollment Restriction(s): Restricted to Landscape Architecture majors.

Grade Mode: Letter.

General Education: Arts & Humanities (AH); American Cultures, Governance, & History (ACGH); Oral Skills (OL); Visual Literacy (VL).

LDA 172 – Architectural Design (4 units)

Course Description: Conceptual design process as practiced by the discipline of architecture. Concepts of program, massing, structure, building systems and materials. Hand and computer aided drawing and physical model building.

Prerequisite(s): LDA 070 C or better; or consent of Instructor.

Learning Activities: Lecture/Lab 4 hour(s).

Enrollment Restriction(s): Pass One restricted to Sustainable Environmental Design majors.

Grade Mode: Letter.

General Education: Arts & Humanities (AH) or Science & Engineering (SE) or Social Sciences (SS).

LDA 180 – Advanced Design & Planning Studio (6 units)

Course Description: Application of advanced theories and methods of design and planning to real-world projects.

Prerequisite(s): LDA 060; LDA 160; LDA 170; LDA 171; LDA 172.

Learning Activities: Studio 8 hour(s), Fieldwork, Extensive Problem Solving.

Enrollment Restriction(s): Restricted to Landscape Architecture majors or consent of instructor.

Repeat Credit: May be repeated 18 unit(s).

Grade Mode: Letter.

General Education: Arts & Humanities (AH); Oral Skills (OL); Visual Literacy (VL).

LDA 182 – Advanced Landscape Architecture Studio I (6 units)

Course Description: Landscape architecture studio featuring advanced studies and applications of creative work, design, technology and/or theory. One day-long field trip required.

Prerequisite(s): LDA 171.

Learning Activities: Studio 8 hour(s).

Enrollment Restriction(s): Restricted to Landscape Architecture majors or consent of instructor.

Grade Mode: Letter.

LDA 183 – Advanced Landscape Architecture Studio II (6 units)

Course Description: Landscape architecture studio featuring advanced studies and applications of creative work, design, technology and/or theory. One day-long field trip required.

Prerequisite(s): LDA 182.

Learning Activities: Studio 8 hour(s).

Enrollment Restriction(s): Restricted to Landscape Architecture majors or consent of instructor.

Grade Mode: Letter.

LDA 184 – Capstone Landscape Architecture Studio (6 units)

Course Description: Capstone studio that synthesizes learning objectives within the senior-level Landscape Architecture studio sequence. Students required to apply creative problem solving, design theory, technology, and representation skills towards a design approach that addresses complex, real-world environmental design problems.

Prerequisite(s): LDA 183.

Learning Activities: Studio 8 hour(s).

Enrollment Restriction(s): Restricted to Landscape Architecture majors or consent of instructor.

Grade Mode: Letter.

LDA 190 – Proseminar in Landscape Architecture (1 unit)

Course Description: Lectures and discussion of critical issues in landscape architecture.

Learning Activities: Seminar 1 hour(s).

Repeat Credit: May be repeated 3 time(s).

Grade Mode: Pass/No Pass only.

LDA 191 – Landscape Architecture Planning & Design Studio (2-12 units)

Course Description: Faculty initiated workshops featuring advanced studies and applications of original work in landscape architecture. May be taught abroad.

Prerequisite(s): LDA 001; LDA 070; LDA 170; or consent of instructor.

Learning Activities: Seminar 1 hour(s), Workshop 3 hour(s).

Enrollment Restriction(s): Priority to Landscape Architecture majors.

Repeat Credit: May be repeated 20 unit(s).

Grade Mode: Letter.

LDA 192 – Internship in Landscape Architecture (1-12 units)

Course Description: Professional field experience in landscape architecture.

Prerequisite(s): Consent of instructor; senior standing in Landscape Architecture.

Learning Activities: Internship.

Repeat Credit: May be repeated 12 unit(s).

Grade Mode: Pass/No Pass only.

LDA 193A – Senior Project in Landscape Architecture (3 units)

Course Description: Projects will focus on a critical area of landscape architectural design, planning, analysis, communication, or research. Required of all Landscape Architecture majors.

Prerequisite(s): Senior standing in Landscape Architecture.

Learning Activities: Studio 6 hour(s).

Enrollment Restriction(s): Limited enrollment.

Grade Mode: Pass/No Pass only.

LDA 193B – Senior Project in Landscape Architecture (4 units)

Course Description: Projects will focus on a critical area of landscape architectural design, planning, analysis, communication, or research. Required of all Landscape Architecture majors.

Prerequisite(s): LDA 193A; senior standing in Landscape Architecture.

Learning Activities: Studio 8 hour(s).

Enrollment Restriction(s): Limited enrollment.

Grade Mode: Pass/No Pass only.

LDA 197T – Tutoring in Landscape Architecture (1-5 units)

Course Description: Tutoring in Landscape Architecture courses.

Prerequisite(s): Consent of instructor.

Learning Activities: Tutorial 3-15 hour(s).

Grade Mode: Pass/No Pass only.

LDA 198 – Directed Group Study in Landscape Architecture (1-5 units)

Course Description: Directed group study. May be taught abroad.

Prerequisite(s): Consent of instructor.

Learning Activities: Variable.

Grade Mode: Pass/No Pass only.

LDA 199 – Special Study for Advanced Undergraduates in Landscape Architecture (1-5 units)

Course Description: Special study for advanced undergraduates.

Prerequisite(s): Consent of instructor.

Learning Activities: Variable.

Grade Mode: Pass/No Pass only.

LDA 200 – Citizenship, Democracy, & Public Space (4 units)

Course Description: Introduction to seminal works in political theory, philosophy, and the social sciences that focus on citizenship and the public sphere; development of critical perspective regarding restructuring of public space in a pluralistic and global culture; discussion of contemporary case studies.

Prerequisite(s): Graduate standing or consent of instructor.

Learning Activities: Seminar 4 hour(s).

Cross Listing: GEO 230.

Grade Mode: Letter.

LDA 201 – Theory & Philosophy of the Designed Environment (4 units)

Course Description: Examines the major theories of environmental design. Epistemology of design serves as framework to examine modern landscape architecture, architecture, urban design and planning. Normative theories of design are reviewed along with the social and environmental sciences.

Prerequisite(s): LDA 140; or the equivalent; graduate standing or consent of instructor.

Learning Activities: Seminar 4 hour(s).

Grade Mode: Letter.

LDA 202 – Methods in Design & Landscape Research (4 units)

Course Description: Explores many of the research and advanced design and planning methods employed in landscape architecture. Exercises provide the student with a vehicle for designing independent landscape research and creative activities. Lectures provide an historical overview of research methodology.

Learning Activities: Seminar 4 hour(s).

Grade Mode: Letter.

LDA 204 – Case Studies in Landscape Design & Research (4 units)

Course Description: Real-world designed environment situations where creative activity and/or basic research is the primary product.

Prerequisite(s): Graduate standing in Landscape Architecture, Ecology, Geography or Community Development or consent of instructor.

Learning Activities: Seminar 4 hour(s).

Repeat Credit: May be repeated 12 unit(s).

Grade Mode: Letter.

LDA 205 – Urban Planning & Design (4 units)

Course Description: Regulation, design, and development of the built landscape, planning and land development processes, zoning and subdivision regulation, site planning, urban design goals and methods, public participation strategies, creatively designing landscapes to meet community and ecological goals.

Learning Activities: Lecture 2 hour(s), Discussion 2 hour(s).

Enrollment Restriction(s): Limited to graduate students.

Cross Listing: GEO 233.

Grade Mode: Letter.

LDA 210 – Advanced Landscape Architecture Studio (4 units)

Course Description: Exposes students to real-world, designed-environment situations where creative activity and/or basic research is the primary product. Advanced landscape problems will be utilized at the site, urban or rural scale.

Prerequisite(s): LDA 113 or the equivalent; graduate standing or consent of instructor.

Learning Activities: Laboratory 8 hour(s).

Grade Mode: Letter.

LDA 215 – What is Infrastructure: Critical Infrastructure Studies (3 units)

Course Description: Introduction to interdisciplinary scholarship and design on expanding conceptions of infrastructure, that include social, technical, ecological, political and aesthetic dimensions of the medium. Focus on application of theory to case studies and thinking through landscape as infrastructure.

Learning Activities: Seminar 3 hour(s).

Enrollment Restriction(s): Open to graduate students or consent of instructor.

Cross Listing: GEO 215.

Grade Mode: Letter.

LDA 216 – Food & the City (4 units)

Course Description: Exploration of theory and practice related to the design and planning of alternative and resilient food systems, including urban agriculture, agrihoods, and agri-/rural tourism. Includes investigation of urban-rural connections and case-studies of regional urban agriculture projects.

Learning Activities: Seminar 4 hour(s).

Enrollment Restriction(s): Open to graduate standing or consent of instructor.

Grade Mode: Letter.

LDA 270 – Environment & Behavior (4 units)

Course Description: Factors that influence human's interaction with their surroundings and the mechanisms used for recognizing and addressing general and specific human needs in community design and development decisions.

Prerequisite(s): Graduate standing or consent of instructor; PSC 144 recommended.

Learning Activities: Seminar 3 hour(s), Tutorial 1 hour(s).

Grade Mode: Letter.

LDA 280 – Landscape Conservation (3 units)

Course Description: Focus is on land planning, design, and management techniques to further the goal of resource preservation. Examines current critical theory in the establishment and management of conservation areas.

Prerequisite(s): Contact department for prerequisite courses; graduate standing or consent of instructor.

Learning Activities: Seminar 3 hour(s).

Grade Mode: Letter.

LDA 290 – Graduate Seminar in Landscape Architecture (2 units)

Course Description: Seminar on selected topics in landscape architecture research, analysis, planning, design, communication, or education.

Prerequisite(s): Consent of instructor; graduate standing.

Learning Activities: Seminar 2 hour(s).

Repeat Credit: May be repeated.

Grade Mode: Satisfactory/Unsatisfactory only.

LDA 297 – Practicum in Landscape Architecture (1-10 units)

Course Description: Opportunity for students to work directly in the field with academics at other institutions or with professionals in an office setting. Gives experience beyond the confines of campus and allows direct interaction with the community.

Prerequisite(s): Consent of instructor; graduate standing.

Learning Activities: Independent Study 1-10 hour(s).

Repeat Credit: May be repeated.

Grade Mode: Satisfactory/Unsatisfactory only.

LDA 298 – Group Study (1-5 units)

Course Description: Group study.

Prerequisite(s): Consent of instructor; graduate standing.

Learning Activities: Variable.

Grade Mode: Satisfactory/Unsatisfactory only.

LDA 299 – Directed Individual Research for Graduate Students (1-12 units)

Course Description: Research.

Learning Activities: Independent Study.

Repeat Credit: May be repeated.

Grade Mode: Satisfactory/Unsatisfactory only.

LDA 396 – Teaching Assistant Training Practicum (1-4 units)

Course Description: Teaching assistant training.

Learning Activities: Variable.

Repeat Credit: May be repeated.

Grade Mode: Pass/No Pass only.