metabolism.

7020 Andrology (3) S-E Prereq.: DARYANC 4045 or equivalent. Examination and analysis of the reproductive system and anatomy of avian, aquatic, and mammalian species.

7991 Advanced Dairy Seminar (1) F.S. May be taken 4 times.

8000 Thesis Research (1-12 per sem.) S’T’U” grading.

8900 Research Procedure in Dairy Science (1-4) Prereq.: consent of instructor. Course may be taken for a maximum of 9 credits. Research in dairy breeding and genetics, management, nutrition, and physiology; dairy manufacturing.

9000 Dissertation Research (1-12 per sem.) S’T’U” grading.

DISASTER SCIENCE AND MANAGEMENT • DSM

2000 Hazards, Disasters, and the Environment (3) Also offered as GEOG 2000. Exploration of the interaction processes between natural/technical hazards and society that cause disasters; introduction to the natural and technological hazards and disasters; hazards and disaster management; environmental considerations and impacts.

2010 Fundamentals of Emergency Management (3) Introduction and overview of emergency management functions and processes in federal, state, and local governments; roles of nonprofit and private organizations in disaster planning, response, and recovery; critical management functions in responsive recovery to natural and man-made hazards.

2020 Terrorism and Counter-Terrorism (3) Terrorism and its origins; modern terrorist attacks and campaigns; ideological and religious justifications for terrorism; domestic versus international terrorist networks; state sponsored terrorism; factors contributing to the success and prevention of modern terrorism and attacks and networks.

3200 Technology and Emergency Management (3) Application of technology that may be applied in emergency planning, response, recovery, and mitigation; current and emerging technology applications; special issues and problems associated with the use of technology in emergency management.

3900 Disaster Science and Management Internship (3) Prereq.: DSM 2000 and 2010. Faculty supervised field study with an agency or organization whose mission is considered relevant to the emergency management system or disaster planning, response, or mitigation.

3910 Hazards Seminar (1) F.S. Prereq.: DSM 2000 and junior standing; May be repeated for a max. of 2 sem. hrs. of credit as sessions vary. Consent of instructor. Discussion with students and faculty concerning a broad range of issues, problems, and topics related to disasters and emergency management.

4000 Industrial and Management Senior Seminar (3) Prereq.: DSM 2000, 2010 and 6 hours of additional DSM elective upper level courses or by permission of the instructor or program coordinator for qualified students. Credit will not be given for both this course and ECON 2035. Preparation for job in a career position in DSM. Credit will not be given for both this course and ECON 2000.

4010 The American Economy (3) Prereq.: DSM 2000 or equivalent. Considers the American economy; national determinants of economic activity; and policy problems related to the American economy. Department approved positions with economic content.

4020 Economic Development Policy (3) Prereq.: DSM 2000 and 2010; or 2030; or equivalent. Study of how households and firms make decisions and how they interact in specific markets; theories of production price determination, trade, externalities, and public goods.

4030 Honors Principles of Microeconomics (3) Same as ECON 2030, with special honors emphasis for qualified students. Credit will not be given for both this course and ECON 2000.

4040 Economic Development Policy (3) Prereq.: DSM 2000 or 2010. An honors course, ECON 2035, is also available. Credit will not be given for both this course and ECON 2010.

4050 Honors Principles of Macroeconomics (3) Same as ECON 2035, with special honors emphasis for qualified students. Credit will not be given for both this course and ECON 2010.

4060 Economic Policy Principles (3) Prereq.: DSM 2000, 2010 and 6 hours of additional DSM elective upper level courses or by permission of the instructor or program coordinator for qualified students. Credit will not be given for both this course and ECON 2035. Study of environment-agency interactions, including inflation, unemployment, the monetary system, economic growth, international trade and finance.

4070 Honors Principles of Macroeconomics (3) Same as ECON 2035, with special honors emphasis for qualified students. Credit will not be given for both this course and ECON 2010.

4080 Economic Policy Principles (3) Prereq.: DSM 2000 and 2010 or 2030. Credit will not be given for both this course and ECON 2035.

4090 Honors Principles of Macroeconomics (3) Same as ECON 2035, with special honors emphasis for qualified students. Credit will not be given for both this course and ECON 2010.

4100 Economic Policy Principles (3) Prereq.: DSM 2000 and 2010 or 2030. Credit will not be given for both this course and ECON 2035.

4110 Economic Policy Principles (3) Prereq.: DSM 2000 and 2010 or 2030. Credit will not be given for both this course and ECON 2035.

4120 Labor Economics (3) Prereq.: DSM 2000 and 2010; or 2030. Causes of economic problems of American wage earners; attempts of wage earners and society to alleviate and solve these problems through organization and legislation.

4220 Wage and Employment Analysis (3) Prereq.: DSM 2000 and 2010; or 2030. The labor market; labor supply and demand, human capital, racial and sex discrimination, effects of minimum wage laws, causes of various wage and employment differentials.

4230 Economics of Human Resources (3) Prereq.: DSM 2000 or 2030. Application of empirical research and theory to human resource management problems; occupational choices, hiring, promotion, evaluation, layoffs, and termination from an economic perspective.

4250 Environmental Economics (3) Prereq.: DSM 2000 and 2010; or 2030. Market failure and government failure, benefit cost analysis, the economics of energy, the efficient allocation of public and private goods, pollution, ecosystem, air pollution, water pollution, and toxic wastes.

4255 Applied Resource Economics (3) Prereq.: DSM 2000 and 2010; or 2030. Environmental and resource problems; cost-benefit and other empirical techniques used to examine these problems.


4411 Health Care Economics (3) Prereq.: DSM 2000 and 2010; or 2030. Health care, government and business, labor, international trade, and comparative economic systems. Credit will not be given for both this course and ECON 2035.

4412 Health Care Economics (3) Prereq.: DSM 2000 and 2030; or 2010 and 2030. A study of policy issues, including the roles of government, public and private providers, as well as government programs.


4445 Internship in Economics (3) Prereq.: consent of instructor. Pass-fail grading. On-the-job experience in gasoline or other approved positions with economic content.

4510 International Trade (3) Prereq.: DSM 2000 and 2010; or 2030. Introduction to the basic theories of international trade including the neo-classical, neo-mercantilist, and post-neoclassical theories; discussion on how these theories relate to current economic events and policies; brief overview of major U.S. trade policies, major export industries, and United States trade agreements.

4520 International Trade (3) Prereq.: DSM 2000 and 2010; or 2030. An honors course, ECON 4525, is also available. Credit will not be given for both this course and ECON 2035. Study of economy of the world, economic policy, economic growth of urban and regional areas; emphasis on public policy issues; land-use and growth of urban and regional areas; emphasis on public policy issues; land-use and growth of urban and regional areas; emphasis on public policy issues; land-use and growth of urban and regional areas; emphasis on public policy issues; land-use and growth of urban and regional areas; emphasis on public policy issues; land-use and growth of urban and regional areas; emphasis on public policy issues; land-use and growth of urban and regional areas; emphasis on public policy issues; land-use.