Examples of courses to fill NRESS core requirements

Natural Sciences:

GEN 805-Population Genetics

NR 806-Soil Ecology

NR 807- Environmental Modeling

NR 829-Silviculture

NR 830- Terrestrial Ecosystems

NR 831 – Agriculture and Environmental Change: Challenges and Solutions

NR 849-Forest Inventory & Modeling

NR 861-Environmental Soil Chemistry

NR 882-Monitoring Forest Health

NR 887-Advanced Topics in Sustainable Energy

NR 910-Forest Stand Dynamics

NR 947-Ecosystem Science

NR 965- Community Ecology

ESCI 834 - Global Geophysics

ESCI 841 - Geochemistry

ESCI 845 - Isotope Geochemistry

ESCI 847 - Aqueous Geochemistry

ESCI 896/NR 844: Biogeochemistry

ESCI 805 Principles of Hydrology

ESCI 810 Groundwater Hydrology

Ethics/Policy/Law:

CPRM 820 – Policy Development and Communication

Grad 902- Ecological Ethics & Values

GRAD 930-Ethics/Research & Scholarship

NR 820- INT Environmental Political Policies

NR 824 – Resolving Environmental Conflicts

NR 885-Systems Thinking

NR 887 – Advanced Topics in Sustainable Energy

PPOL806-Fundamentals of Policy Analysis

NR 843- Ecology and Society in a Changing Arctic

NR 977- Just Maps: Cartographies of Environmental Justice

Methods:

ANFS 933-Experimental Design/Analysis

ECON 926 – Econometrics I

ECON 927 – Econometrics II

ESCI 877-Earth/Envi Sci GIS

EDUC 904-Qualitative Inquiry in Education

GEN 811-Genomics and Bioinformatics

GEN 812-Programming for Bioinformatics

GRAD 834: Fundamentals of Citizen and Community Science

MARI 802 – Arctic Research Methods

MATH 835- Statistical Methods for Research

NR 807- Environmental Modeling

NR 840-Inventory and Monitoring of Eco Comm

NR 849-Forest Inventory and Modeling

NR 860-GIS in Natural Resources

NR 878-Remote Sensing Earth & Env Science

NR 909-Analysis of Ecological Data

NR 913- Hierarchical Modeling in Ecology

NR 914 - Data Analysis for Natural Resources and Ecology

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Examples of courses to fill NRESS core requirements

PPOL 908 – Quantitative Methods for Policy Research

SOC 901-Sociological Methods I

SOC 904 Sociological Methods IV

ESCI 877 GIS for Earth & Environmental Science

ESCI 878 Remote Sensing for Earth & Environmental Science

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