School of Public Policy and Administration

Program Type:\* 

Degree Type:\* 

Disaster Science and Management (PhD)

Provide a brief summary of the proposed program changes and describe the rationale for the change(s):

The purpose of these changes is to facilitate greater synergy between SPPA PhD Degrees.

Identify other units affected by the proposed changes and provide letters of support from those units. :

Civil and Environmental Engineering- Letter of Support Attached

Prospective Curriculum:\*

Program Requirements:

The Doctor of Philosophy in Disaster Science and Management requires a minimum of 43 credits of graduate-level coursework beyond the master's degree including nine credits of dissertation.

Students are expected to demonstrate expertise in four core areas:

Social Science of Disaster

Science and Engineering of Disaster

Management, Planning, and Leadership

Methods

The 43 credits of course work are specified in the individual planned program of study and must include the minimum number of credits in each core area as identified below. In the case where a student has taken the courses below at the MS-level, alternative courses may be approved through the plan of study by the advisor and program director.

Social Science of Disaster:

Description

Nine credits selected from the following:

Courses

DISA 650 Overview of Disaster Science and Management (3cr.)

DISA 651 International Comparative Analysis of Disasters (3cr.)

DISA 670 Issues in Disaster Response (3cr.)

SOCI 667 SEMINAR (1 to 12cr.)

SOCI 671 Disasters, Vulnerability & Development (3cr.)

Science and Engineering of Disaster:

Description

Six credits selected from the following:

Courses

DISA 690 Natural Hazards (3cr.)

CIEG 655 Civil Infrastructure Systems (3cr.)

CIEG 641 Risk Analysis (3cr.)

Management, Planning, and Leadership:

Description

Three credits selected from the following:

Courses

BUAD 870 Managing People, Teams, and Organizations (3cr.)

UAPP 613 Planning Theory and Urban Policy (3cr.)

UAPP 673 Governing Nonprofit Organizations (3cr.)

UAPP 697 Leading Organizations in Public & NP Sectors (3cr.)

UAPP 822 Proseminar in Governance, Planning and Policy (3cr.)

UAPP 830 Proseminar Public Management and Leadership (3cr.)

Methods and Tools:

Description

One course must be selected from each catagory:

Qualitative:

Description

Three credits selected from the following:

Courses

EDUC 850 Qualitative Research in Educational Settings (3cr.)

SOCI 606 Qualitative Methodology (3cr.)

UAPP 808 Qualitative Methods for Program Evaluation (3cr.)

Quantitative:

Three credits selected from the following:

Courses

CIEG 667 SEMINAR (1 to 12cr.)

HLPR 632 Health Science Data Analysis (3cr.)

SOCI 614 Advanced Data Analysis (3cr.)

SOCI 625 Advanced Social Statistics (3cr.)

UAPP 704 Advanced Quantitative Methods (3cr.)

Other Requirements:

Description

Courses

SPPA 881 Doctoral Level Professional Development

Students in the DISA PhD program must take 1 credit of professional development each semester until they complete five credits or defend their dissertation proposal. Students are not expected to enroll when taking DISA880.  Students are exepcted to enroll for zero credits each semester after proposal defense until the degree is completed.

DISA 880 Disaster Science and Management Qualifier Preparation (1cr.)

Qualifier Preparation is taken the semester prior to taking the Qualifier Exam

SPPA 863 Doctoral Dissertation Proposal

SPPA 969 Doctoral Dissertation

DISA PhD Students must take 9 credits of dissertation

BUAD - 870 - Managing People, Teams, and Organizations (3cr.)

CIEG - 641 - Risk Analysis (3cr.)

CIEG - 655 - Civil Infrastructure Systems (3cr.)

CIEG - 667 - SEMINAR (1 to 12cr.)

DISA - 650 - Overview of Disaster Science and Management (3cr.)

DISA - 651 - International Comparative Analysis of Disasters (3cr.)

DISA - 670 - Issues in Disaster Response (3cr.)

DISA - 690 - Natural Hazards (3cr.)

DISA - 880 - Disaster Science and Management Qualifier Preparation (1cr.)

DISA - 969 - Doctoral Dissertation (1 to 12cr.)

EDUC - 850 - Qualitative Research in Educational Settings (3cr.)

GEOG - 670 - Geographic Information Systems and Science (3cr.)

HLPR - 632 - Health Science Data Analysis (3cr.)

MAST - 663 - Decision Tools for Policy Analysis (3cr.)

SOCI - 606 - Qualitative Methodology (3cr.)

SOCI - 614 - Advanced Data Analysis (3cr.)

SOCI - 625 - Advanced Social Statistics (3cr.)

SOCI - 667 - SEMINAR (1 to 12cr.)

SOCI - 671 - Disasters, Vulnerability & Development (3cr.)

SPPA - 863 - Doctoral Dissertation Proposal

SPPA - 881 - Doctoral Level Professional Development

SPPA - 969 - Doctoral Dissertation

UAPP - 613 - Planning Theory and Urban Policy (3cr.)

UAPP - 673 - Governing Nonprofit Organizations (3cr.)

UAPP - 691 - Quantitative Analysis in Public and Nonprofit Sectors (3cr.)

UAPP - 697 - Leading Organizations in Public & NP Sectors (3cr.)

UAPP - 704 - Advanced Quantitative Methods (3cr.)

UAPP - 801 - Processes of Social Inquiry (3cr.)

UAPP - 808 - Qualitative Methods for Program Evaluation (3cr.)

UAPP - 822 - Proseminar in Governance, Planning and Policy (3cr.)

UAPP - 830 - Proseminar Public Management and Leadership (3cr.)

UAPP - 865 - Dissertation Proposal Practicum (3cr.)