

Proposal to Revise the Existing Graduate Interdisciplinary Specialization in Demography (GISD)

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Description of the Current GISD Curriculum

The Graduate Interdisciplinary Specialization in Demography (GISD) offers students advanced training in the techniques and substance of demography through both required and elective coursework. Currently, the curriculum as approved by the Graduate School and CAA requires two courses: (i) a one-credit proseminar and (ii) a methods course focusing on fundamental demographic techniques. The required coursework is intended to provide students with a basis in fundamental demographic techniques (via the methods course) and expose them to the most recent demographic scholarship (via the proseminar which encompasses the Institute for Population Research's (IPR) weekly seminar).

The current GISD curriculum also includes a set of elective courses that we have selected in consultation with the faculty, graduate studies chairs and department chairs of each respective department. The courses were selected with two goals in mind. First, we selected courses that contain significant demographic content. Second, we selected elective courses that will provide students with particular skill sets for their future careers in demography.

Students must successfully complete at least 10 but no more than 20 hours of graduate-level coursework. These hours must include at least three different courses, and at least 9 hours must be from outside the home graduate program but may include cross-listed courses (cross-listed courses that comprise this 9 hours minimum must be enrolled in outside the home department).

The approved version of the GISD specialization currently consists of the following components:

1. A required one-credit (1) hour core proseminar course (currently SOCIOL 7884.09). The proseminar is divided into two components. First, a weekly one-hour class that focuses on a broad survey of the field of demography. Second, immediately following the proseminar, students attend the weekly IPR seminar. Each Tuesday the Institute for Population Research (IPR) hosts a demography seminar that brings in speakers (both internal and external to the University) to present their recent population related research. The seminar is intended to expose GISD graduate students to cutting-edge demographic research and methods.
2. A required three-credit (3) hour course in Demographic Techniques (currently listed as SOCIOL 7884.13). A core component of demographic training is its methodological toolkit. This course covers the materials and methods of fundamental demographic analysis.
3. Electives are drawn from the existing courses offered across the University which contain significant demographic content and/or provide technical training that will advance research on demographic topics.

Required Courses for all Students in GISD

College	Course #	U/G Level	Title	Credit Hours	Days/Time
Arts and Sciences	SOC 7884.09	G	Seminar in Research Methods (Proseminar)	1	Tuesdays 11:30am-1:30pm
Arts and Sciences	SOC 7884.13	G	Population/Demography (Demographic Techniques)	3	

Elective Courses

College	Course #	U/G/P Level	Title	Credit Hours
Arts and Sciences	ANTHROP 5645	U/G	Biology of Senescence	3
Arts and Sciences	ANTHROP 7701	G	Modern Human Physical Variation	3
Arts and Sciences	ANTHROP 7802	G	Origins of Food Production	3
Arts and Sciences	ANTHROP 8892.03	G	Human Growth and Development	3
Arts and Sciences	ANTHROP 8892.04	G	Population Genetics	3
Arts and Sciences	ANTHROP 8892.08	G	Biomedical Anthropology	3
Arts and Sciences	ANTHROP 8892.09	G	Biocultural Medical Anthropology	3
Arts and Sciences	ANTHROP 8892.10	G	Issues in Gerontology	3
Arts and Sciences	ECON 4553	U	Economics of Population	3
Arts and Sciences	ECON 5850	U/G	Labor Economics	3
Arts and Sciences	ECON 7790	G	Urban Economics	3
Arts and Sciences	ECON 8851	G	Labor Economics I	3
Arts and Sciences	ECON 8852	G	Labor Economics II	3
Arts and Sciences	ECON 8853	G	Labor Economics III	3
Arts and Sciences	GEOG 5220	U/G	Fundamentals of GIS	3
Arts and Sciences	GEOG 6220	G	Advanced Applications of GIS	3

Arts and Sciences	GEOG 7102	G	Fieldwork in Human Geography	3
Arts and Sciences	GEOG 8102	G	Spatial Data Analysis	3
Arts and Sciences	GEOG 8200	G	Frontiers in Geographic Information Science	3
Arts and Sciences	GEOG 8401	G	Theory of Population and Social Geography	3
Arts and Sciences	GEOG 8402	G	Problems of Population and Social Geography	3
Arts and Sciences	GEOG 8501	G	Urban Geography	3
Arts and Sciences	HISTORY 7087	G	Black Women in the United States	3
Arts and Sciences	HISTORY 7302	G	Comparative History of the African Diaspora and Enslavement and Emancipation	3
Arts and Sciences	HISTORY 7303	G	Comparative History of the African Diaspora and Post-Emancipation, Colonial, & Post Colonial Reality	3
Arts and Sciences	HISTORY 7670	G	Studies in Urban History	3
Arts and Sciences	HISTORY 7750	G	Comparative Historiographies and Theories in Race, Ethnicity and Nation	3
Arts and Sciences	PSYCH 7695.02	G	Health Psychology	3
Arts and Sciences	PSYCH 7695.03	G	Developmental Psychology	3
Arts and Sciences	PSYCH 7708	G	Judgment and Decision Making	3
Arts and Sciences	PSYCH 7816	G	Action and Decision Making	3
Arts and Sciences	SOC 7754	G	Introduction to Demography	3
Arts and Sciences	SOC 7755	G	The Social Context of Human Fertility	3
Arts and Sciences	SOC 7756	G	Sociology of Immigration	3
Arts and Sciences	SOC 7758	G	Population, Health and the Life Course	3
Arts and Sciences	SOC 7884.08	G	Seminar: the Family	3
Arts and Sciences	SOC 8632	G	Analysis of Longitudinal Data	3
Education & Human	HDFS 7350	G	Adolescence in Emerging Adulthood	3

Ecology				
Education & Human Ecology	HDFS 8404	G	Adolescence: Risk in Context	3
Education & Human Ecology	HDFS 8820	G	Theoretical Perspectives on the Family	3
Education & Human Ecology	HDFS 8861	G	Family in Mid to Late Years	3
Education & Human Ecology	HDFS 8862	G	Seminar on Human Development and Family Science	3
Food, Agricultural & Environmental Sciences	AEDECON 6400	G	Regional and International Development	3
Food, Agricultural & Environmental Sciences	AEDECON 7421	G	Advanced Development Economics I	3
Food, Agricultural & Environmental Sciences	AEDECON 7425	G	Advanced Development Economics II	3
Food, Agricultural & Environmental Sciences	AEDECON 7410	G	Advanced Regional Economics I	3
Food, Agricultural & Environmental Sciences	AEDECON 7415	G	Advanced Regional Economics II	3
Food, Agricultural & Environmental Sciences	ENR 7380	G	Climate and Society	3
Food, Agricultural & Environmental Sciences	RURLSOC 5540	U/G	Population, Place and Environment	3
Food, Agricultural & Environmental Sciences	RURLSOC 6500	G	Rural Poverty	3
Public Health	PUBHLTH 6000	G	Introduction to Global Health	3

Public Health	PUBHLTH 7000	G	Public Health in Developing Countries	3
Public Health	PUBHBIO 7225	G	Survey Sampling Methods	3
Public Health	PUBHEHS 7390	G	Major Human Diseases in Global Public Health	3
Public Health	PUBHEPI 6410	G	Principles of Epidemiology	3
Public Health	PUBHEPI 6411	G	Biological Basis of Public Health	3
Public Health	PUBHEPI 6440	G	Reproductive and Perinatal Epidemiology	3
Public Health	PUBHHBP 7544	G	Fundamental Determinants of Population Health	3
Nursing	NURSING 7430	G	Introduction to Global Health	3

Description of the Revised GISD Curriculum

We are proposing two changes to the current GISD curriculum. Both changes are with respect to the required core courses. Currently, students enrolled in the GISD are required to take a 1-credit hour proseminar course (SOCIOLOG 7884.09) and a 3-credit hour methods course (SOCIOLOG 7884.13).

The first change is with respect to the 1-credit hour proseminar course (currently SOCIOLOG 7884.09: Seminar in Research Methods). We are proposing to replace the existing course with a newly proposed 3-credit hour course (scheduled to be reviewed by the SBS panel Monday, January 11, 2016): SOCIOLOG 8802 Proseminar for the Graduate Interdisciplinary Specialization in Demography. The new course will meet for three hours, including an hour that will involve attending the weekly seminar for the Institute for Population Research (IPR). The newly proposed core course will be similar to the former course in that it will present an introduction to demography and population health but it will expand on the original in the depth of the topics covered. Students will gain broad knowledge on the basic processes of the field—fertility, mortality, migration—along with the major developments in the field of population health.

The second change is with respect to the other core course required by the GISD. Currently students are required to take a 3-credit hour course (SOCIOLOG 7884.13 Seminar: Population/Demography). We are proposing to replace this with a newly proposed 3-credit hour course (also scheduled to be reviewed by the SBS panel Monday, January 11, 2016): SOCIOLOG 7753 Introduction to Demographic Analysis. The content of the newly proposed course will be the same as has been recently taught in SOCIOLOG 7884.13. It is a methods course that will introduce students to the demographic toolkit. Students will acquire the skills to apply basic demographic techniques that can be used to investigate a wide range of demographic questions and population processes. These include basic demographic concepts and measures, demographic data, standardization and decomposition, lexis diagrams, life tables, and population projections.

The proposed revisions to the GISD specialization will result in the following components:

1. A required three-credit (3) hour core proseminar course (SOCIOLOG 8802 Proseminar for the Graduate Interdisciplinary Specialization in Demography). The proseminar will focus on a broad survey of the field of demography and will meet once weekly for three hours. During the academic year, the Institute for Population Research (IPR) hosts a seminar series in which speakers (both internal IPR faculty affiliates and faculty external to OSU) present their recent population-related

research. On days when a speaker is presenting, the third hour of the proseminar will consist of the presentation. The seminar is intended to expose GISD graduate students to cutting-edge demographic research methods and will augment the two-hour class period preceding it.

2. A required three-credit (3) hour course in Demographic Techniques (SOCIO 7753 Introduction to Demographic Analysis). A core component of demographic training is its methodological toolkit. This course will cover the materials and methods of fundamental demographic analysis.
3. Electives are drawn from the existing courses offered across the University which contain significant demographic content and/or provide technical training that will advance research on demographic topics.

Newly Proposed Required Courses for all Students in GISD

College	Course #	U/G Level	Title	Credit Hours	Days/Time
Arts and Sciences	SOC 8802	G	Proseminar for the Graduate Interdisciplinary Specialization in Demography	3	Tuesdays 10:30am-1:30pm
Arts and Sciences	SOC 7753	G	Introduction to Demographic Analysis	3	TBA

Elective Courses

There are no proposed changes to the currently approved elective courses (listed on pages 3-6).