Department of Sociology



College of Social and Behavioral Sciences 238 Townshend Hall 1885 Neil Avenue Mall Columbus, OH 43210

> Phone (614) 292-6681 Fax (614) 292-6687 http://sociology.osu.edu

4/22/2024

Dear Curriculum Review Committee:

Please find the enclosed proposal to update the elective course list to the existing curriculum for the Graduate Interdisciplinary Specialization in Demography (GISD). This proposal only concerns the elective list. The two required courses will not change.

The GISD launched in Autumn 2015. In 2017, we received approval to add 8 additional elective courses and another 13 in 2020. Over the last year, we have reviewed the entire list of electives and have consulted with IPR-affiliated faculty, graduate studies chairs/department chairs of IPR affiliated departments, and current GISD students to identify classes that are no longer offered and to propose others to be added as new electives.

Because our elective list is broad and interdisciplinary, it is important to maintain it and make periodic updates. We believe that updating our elective list strengthens the curriculum and will help keep it up-to-date for future cohorts. A detailed list is of the proposed changes is provided in the proposal, organized by department. All department concurrences are found at the end of the proposal, also organized by department.

Please do not hesitate to contact me with any questions.

Sincerely,

Reannotrante

Reanne Frank, Ph.D.
Professor of Sociology
Interim Director of the Institute for Population Research (IPR)
Faculty Advisor for the GISD
The Ohio State University
238 Townshend Hall
Columbus OH 43210

Proposal to Update Elective Course Offerings to 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 graduate students from across the University the opportunity to enhance their doctoral training with interdisciplinary training in Demography. Demography is the study of how the three core population processes -- fertility, mortality, and migration -- interrelate with major societal institutions, such as the family and the economy. Owing to this wide breadth, the field of demography is <u>inherently interdisciplinary</u>, drawing from diverse fields such as anthropology, biology, economics, geography, history, medicine, public health, public policy, and sociology, among others. But it also possesses a clear identity as a scientific field, with professional associations, annual conferences, and peer-reviewed journals dedicated to demography (broadly defined). We aimed to cover both of these characteristics (broad and interdisciplinary on one hand and set and focused on the other), when we designed the curriculum for the GISD.

The core training in the substantive and methodological toolkit that undergirds the field is covered in the two required courses (PUBHLTH/SOCIOL 8802 and SOCIOL 7753). PUBHLTH/SOCIOL is a three-credit seminar course and SOCIOL 7753 is a three-credit methods course focusing on fundamental demographic techniques (SOCIOL 7753). These courses account for 6 of the minimum 10 credits required by the GIS. The required coursework is intended to provide students with a basis in fundamental demographic techniques (via the methods course, 7753) and expose them to the most recent demographic scholarship (via the seminar, 8802, along with the Institute for Population Research's (IPR) weekly seminar). These two required courses represent the set and focused component of the GISD and provide students with the fundamental scholarship which undergirds the field of demography. There are no proposed changes to these two required courses.

The wide interdisciplinary breadth of demography is covered by the extensive elective list that draws from the Institute for Population Research (IPRs) affiliated departments. The electives account for at least 4 of the minimum 10 credits required by the GIS. We selected the <u>elective courses</u> in consultation with IPR affiliated faculty, graduate studies chairs/department chairs of each IPR affiliated department, and current GISD students, 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 demographic scholarly endeavors. For example, a student interested in studying population and the environment would benefit from coursework in Geographic Information Systems offered by the

geography department. Or a student studying fertility change across different contexts would benefit from coursework incorporating behavioral change models, such as PSYCH 7708: Psychology of Judgment and Decision Making.

For all Graduate Interdisciplinary Specializations (GIS), 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.

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

- **1.** A required three-credit (3) hour core proseminar course (PUBHLTH/SOCIOL 8802 Seminar for Graduate Interdisciplinary Specialization in Demography).
- **2.** A required three-credit (3) hour course in Demographic Techniques (SOCIOL 7753 Introduction to Demographic Analysis). 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

Required dear see for all stadelites in ales				
College	Course #	U/G	Title	Credit
		Level		Hours
Arts and	SOC/PUBHLTH	G	Seminar for GISD	3
Sciences	8802			
Arts and	SOC 7753	G	Introduction to	3
Sciences			Demographic Analysis	

Electives –the elective list was last approved in 2020. Below we detail the proposed changes to the electives. The appendix presents an inclusive list of all electives-current and proposed.

Description of the Changes Proposed to the GISD Elective List

We are proposing to update our list of elective courses available for students enrolled in the GISD. We last updated our elective list to reflect changes in the course offerings in June 2020. In the time since, some new courses have been added to the course catalog and other courses that are important for technical training have been brought to our attention IPR faculty affiliates,

graduate studies chairs of IPR affiliated departments, and students who are currently enrolled in the GISD. Additionally, a number of other courses are no longer offered or have changed titles/course numbers since we originally included them in our list back in 2015.

With this proposal we want to update our elective offerings to include new courses and remove those that are no longer offered/have changed in title or course number. Our process for doing so was to contact all relevant affiliate departments and ask them to confirm whether courses are still being offered or have changed in title/course number and whether additional new course offerings should be added. We did this for all affiliated departments/colleges. We also solicited recommendations for course additions from current GISD enrolled students directly.

Our list of courses that we would like to add as electives/or remove from the elective list are below. Again, our criterion for inclusion as an elective is: 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. Our criterion for removal of an elective is: Electives that are no longer listed in the course catalog because they are no longer taught or have changed their course content and are no longer applicable as electives. To our knowledge, no current GISD students have taken the courses listed as candidates for removal. In the off-chance that a student has already taken a course we have slotted for removal, we will grandfather them in and allow them to count the course (we do not see this as a likely scenario, however).

We have received concurrence letters from each department for all the requested changes (starting on page 10 of the proposal). Below is the list of requested courses:

Proposed Changes to Elective Courses for the GISD

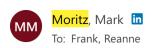
Sociology		
Course	Title	Add/Remove
5650	Presenting and Communicating Quantitative Data	Add
7735	Sociology of Gender	Add
7780	Racial and Ethnic Differences	Add
7790	Social Organization of the Community	Add
7884.14	Seminar: Gender	Add
Anthropology		

Course	Title	Add/Remove
5602	Women's Health in Global Perspective	Remove
7701	Modern Human Physical Variation	Remove
7802	Origins of Food Production	Remove
5505	Wicked Science	Add
5510	Interdisciplinary Team Science	Add
7001	Society and the Environment	Add
7002	Anthropological Approaches to Health	Add
7004	Social-Ecological Systems	Add
Psychology		
Course	Title	Add/Remove
7695.02	Health Psychology	Remove
6870	Basic Principles of Social Psychology	Add
7816	Action and Decision Making	Add
7871	Social Cognition	Add
7872	Social Motivation	Add
7873	Attitudes and Persuasion	Add
7673	Acticudes and refounding	Aud
Geography		
Course	Title	Add/Remove
8400	Issues in Critical Human Geography	Add
Public Health - Epidemiology		
Course	Title	Add/Remove
6442	Social Epidemiology	Add
Public Health - Health Services, Management and Policy		
Course	Title	Add/Remove
7686	Qualitative Methods for Health Research	Add
Public Health - Environmental Health Sciences		
Course	Title	Add/Remove
6390	Major Human Diseases in Global Public Health	Add
6330	Environmental Epigenetics	Add
6325	Climate Change and Human Health	Add
Economics		
Course	Title	Add/Remove
8731	Econometrics I	Add
8732	Econometrics II	Add
6/32	LCOHOTHERICS II	Auu

8733	Econometrics III	Add
6731	Survey of Econometric Methods I	Add
6732	Survey of Econometric Methods II	Add
ENR		
Course	Title	Add/Remove
7560	Environmental Sociology	Add
ESQREM		
Course	Title	Add/Remove
8895	Seminars: Quantitative Research, Evaluation, and Measurement	Add
8725	Quantitative Methods Capstone Seminar	Add
Political Science		
Course	Title	Add/Remove
7140	Race and Ethnicity	Add
7175	Intersectionality and Identity Politics in the United States	Add
7281	Political Economy of Income Inequality, Volatility, and Mobility	Add
7410	Radical Cosmopolitanism	Add
7555	Causal Mechanisms	Add
7702	Survey and Questionnaire Design	Add
7910	Identity Politics	Add
Social Work		
Course	Title	Add/Remove
7570	Policy Analysis and Social Legislation Process	Add
8202	Theories of Change for Social Problem Interventions	Add
8406	Mixed Methods Research in Social and Health Sciences	Add
Educational Studies – Qual		
(ESQUAL)	Title	A .1.1/2
Course	Title	Add/Remove
7240	Life History & Interviewing Methods	Add
8290	Qualitative Research in Education: Methods and Analysis	Add
8895	Seminars: Qualitative Research in Education	Add
Computer Science & Engineering (CSE)		

Course	Title	Add/Remove
5544	Introduction to Data Visualization	Add
5523	Machine Learning and Statistical Pattern Recognition	Add
6520	Foundations of Applied AI for Non-Majors	Add
Statistics		
Course	Title	Add/Remove
6500	Statistical Machine Learning	Add
Women's Gender and Sexuality Studies (WGSS)		
Course	Title	Add/Remove
8800.01	Topics in Feminist Studies	Add
History		
Course	Title	Add/Remove
7014	Studies in American Urban History	Add

Anthropology





Hi Reanne,

I think you can delete all the courses, except for the statistical rethinking course. And even that one will be turned into a 5000-level data science for anthropologists course in the near future. The other courses will likely no longer be offered in the future.

Best wishes.

Mark

Dr. Mark Moritz (he/him/his)

Professor, Wicked Scientist, Director of Graduate Studies Department of Anthropology, The Ohio State University 4058 Smith Laboratory

174 W. 18th Avenue, Columbus, OH 43210

moritz.42@osu.edu | https://mlab.osu.edu | https://u.osu.edu/wicked/

614-247-7426

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GISD course elective question

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From: Moritz, Mark <moritz.42@osu.edu>
Sent: Tuesday, March 7, 2023 5:51 PM
To: Frank, Reanne <frank.219@osu.edu>
Subject: Re: GISD course elective question

Hi Reanne,

I am the right person, i.e., serve as chair of the Graduate Studies Committee.

These courses are taught every year (7004) or every other year (7001, 7002). And yes, I approve that they are included on the GISD elective list.

I would highly recommend ANTHROP/EEOB 5505: wicked science and 5510: interdisciplinary team science, which is are offered every year, and are part of the new Graduate Interdisciplinary Specialization (GIS) in Wicked Science: https://u.osu.edu/wicked/

You may want to ask Barbara Piperata about courses in the Medical Anthropology program that may be 5000-level and higher and relevant for the GISD program.

Hope this helps.

Mark

Dr. Mark Moritz
Professor and Chair of the Graduate Studies Committee
Department of Anthropology
614-247-7426
https://mlab.osu.edu

Re: question on CSE courses for GISD elective list

Fosler-Lussier, Eric <fosler@cse.ohio-state.edu>
Thu 11/2/2023 2:48 PM
To:Qin, Feng <qin.34@osu.edu>;Frank, Reanne <frank.219@osu.edu>
Dear Reanne,

A quick thought – in addition to CSE 5523 / 5544, could you consider adding CSE 6520, which is specifically meant for this type of situation? This is meant as a boostrapping class for non-majors so that 5523 (and other AI classes) are more accessible. That course provides both python programming, linear algebra/probability theory review, and a bit of a survey of AI, and has been successful in providing accessibility for non-CSE students to our program.

Since the counts are small, I'm adapting some text from a previous similar concurrence written by my predecessor:

Courses offered by our department are included in the proposed program and GISD students will be able to take these courses, subject to enrollment limits and course prerequisites. Because CSE courses are in high demand, CSE majors are generally given preferential access to CSE courses and CSE cannot guarantee that there will be room for students from other programs. CSE does try to accommodate some such students each semester, and specifically has at least one course (CSE 6520) for graduate non-majors. We note that CSE courses are electives, not required, for GISD students.

Recently there has been room in both CSE 5523 or 5544, but we can't guarantee that this will always be the case, hence our disclaimer. (We may be stepping away from this policy as well as we build out X+AI programming for graduate students.)

Hope this helps!

Best wishes, -Eric

Eric Fosler-Lussier

John I. Makhoul Professor and Associate Chair of Academic Administration, CSE Professor by Courtesy of Linguistics and Biomedical Informatics

Dept. of Computer Science and Engineering, The Ohio State University

fosler-lussier.1@osu.edu

Ingrid Rivera

Executive Assistant to Chair and Associate Chairs rivera.153@osu.edu

From: Qin, Feng <qin.34@osu.edu>

Date: Thursday, November 2, 2023 at 2:02 PM

Economics

From: Blevins, Jason

sent: Tuesday, May 30, 2023 12:05 PM

To: Frank, Reanne <frank.219@osu.edu>

Subject: Re: GISD course elective question

Dear Reanne,

Thanks for getting in touch about our courses.

The changes to your list would be as follows:

CURRENT classes

4553 Economics of Population

5850 Labor Economics

7790 Urban Economics

8851 Labor Economics I

8852 Labor Economics II

8853 Labor Economics III

PROPOSED additional classes

8731 Econometrics I

8732 Econometrics II

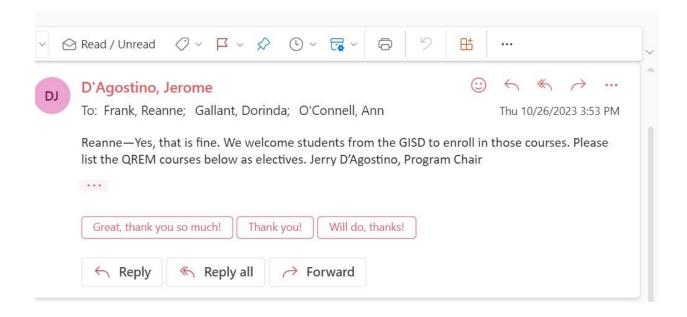
8733 Econometrics III

6731 Survey of Econometric Methods I

6732 Survey of Econometric Methods II

Hope this helps! Please let me know if you have any other questions.

ESQREM



From: Frank, Reanne <frank.219@osu.edu> Sent: Thursday, October 26, 2023 1:46 PM

To: Gallant, Dorinda <gallant.32@osu.edu>; D'Agostino, Jerome <dagostino.22@osu.edu>; O'Connell,

Ann <oconnell.87@osu.edu>

Subject: request for the Graduate Interdisciplinary Specialization in Demography

Dear Profs Gallant, D'Agostino and O'Connell,

I am emailing with respect to a request to list two ESQREM classes as electives for the Graduate Disciplinary Specialization in Demography (GISD) that I direct https://ipr.osu.edu/GISD. They are ESQREM 8725 and ESQREM 8895 (listed as the Big Data Seminar). I have already spoken with Profs O'Connell and Purtell and just need an email stating that this is OK from a program chair or graduate director. The email will serve as the concurrence.

Reanne

Reanne Frank, Ph.D.
Professor of Sociology
The Ohio State University
238 Townshend Hall
1885 Neil Ave. Mall
Columbus OH 43210
frank.219@osu.edu
ph (614) 247-4679
fax (614) 292-6687

ESQUAL

IPR GISD Potential Social Work Course Electives











Tue 5/30/2023 5:10 PM

To: Frank, Reanne

Hello Reanne,

Yes - happy to formalize this with you.

As Program Coordinator for the ESQUAL courses in the department of educational studies, I support the addition of including 7240 and 8290 as GISD electives.

Yes, when we get the Intersectionality course approved, then we would be happy if you added that in as well. Right now we do teach it as a seminar ESQUAL 8895 every other year. Once approved it will be continued to be taught in that same pattern.

I hope that helps. If you need something more formal, please don't hesitate to let me know. Penny

Penny A. Pasque, PhD (she/her)

Professor & ESQUAL Program Coordinator, Educational Studies

Higher Education & Student Affairs | Philosophy, History & Policy (affiliate)

Director, Qualitative Methods I Director, QualLab

Office of Research, Innovation, & Collaboration

College of Education and Human Ecology

The Ohio State University

pasque.2@osu.edu | u.osu.edu/pasque.2/ Editor, Review of Higher Education, rhe@ashe.ws

QualLab@osu.edu I https://u.osu.edu/quallab/ I Twitter @QualLabOSU

Geography

GISD course elective question







Mansfield, Becky

To: Frank, Reanne



Dear Reanne,

Thanks for being in touch. It would be great to add 8400 as an elective in the GISD. Faculty rotate through that course, offering a range of topical seminars that would be relevant.

And yes, we no longer offer 8401, 8402 or 8501. Some years ago, we stopped offering a lot of different seminars, and so let go of numbers not in rotation. 8400 now allows people to offer a range of topics, as noted. We hope to change this over the next couple of years and add more seminars back into our course offerings. We will try to keep you informed as that happens.

I hope things are going well for you.

Becky

Becky Mansfield, Professor

The Ohio State University, Department of Geography 1054 Derby Hall, 154 N Oval Mall, Columbus, OH 43210, USA mansfield.32@osu.edu https://u.osu.edu/mansfield.32/

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HDFS Concurrence for Course Removal

Fw: IPR question

Frank, Reanne <frank.219@osu.edu>

Thu 11/30/2023 2:46 PM

To:Frank, Reanne < frank.219@osu.edu>

From: Purtell, Kelly M. <purtell.15@osu.edu> Sent: Tuesday, May 30, 2023 11:37 AM To: Frank, Reanne < frank.219@osu.edu>

Subject: RE: IPR question

Hi Reanne,

Here are some quick thoughts:

ESQREM/HDFS 8725 -This is the capstone class for the QREM GIS- I know it involves completion of a quantitative research project but Ann will definitely be better able to speak to its relevance for the demography specialization. (NOTE from Reanne: (see concurrence letter from QREM)

HDFS 8861 – yes remove since that has changed.

HDFS 8862 Secondary Data – I think this would be great to include. (NOTE from Reanne: this is currently listed as an elective)

HDFS 8879 Advanced Lifespan – I actually don't recommend including this. It really should be a 6000level course as it is intended for our couple and family therapy master's students. It is advanced relative to undergraduate, but it not really rigorous enough for PhD students (at least as it is currently taught- I can reach out if that changes).

Let me know if you have any other questions. The only other potential course that might be relevant is a version of 8862 taught by Natasha Slesnick. It is focused on grant writing, especially NIH-focused, and she opens it up to students from all scientific backgrounds. (NOTE from Reanne: yes, already listed as an elective).

Hope you are enjoying the start to your summer (and not spending too much time on tasks like this 😊)!



Kelly



THE OHIO STATE UNIVERSITY

Kelly M. Purtell, PhD

Pronouns: she/her

Scarlet and Gray Associate Professor, Human Development and Family Science Faculty Associate, Crane Center for Early Childhood Research and Policy

College of Education and Human Ecology

1787 Neil Ave, Columbus, OH 43210

614-688-1896 Office

[purtell.15@osu.edu]purtell.15@osu.edu

10/26/23, 10:24 AM History

Re: question about updating History course offerings for the GISD

Harrill, Bert < harrill.5@osu.edu>

Fri 10/20/2023 2:58 PM

To:Frank, Reanne < frank.219@osu.edu>

ok! —Bert

J. Albert Harrill

Professor
Department of History
The Ohio State
University
106 Dulles Hall, 230 Annie & John Glenn Ave., Columbus, OH 43210 (614) 292-2674 Office
harrill.5@osu.edu / history.osu.edu

From: Frank, Reanne

<frank.219@osu.edu> **Sent:** Friday, October 20, 2023 9:34:25 AM **To:** Harrill,

Bert < harrill.5@osu.edu>

Subject: Re: question about updating History course offerings for the GISD

HI Bert,

This is super helpful. Thanks for getting this information on the courses. In light of this information, can I propose that we replace 7670 with 7014? If you could reply to this email and say that is OK, that can serve as your approval for the graduate school.

Reanne

Reanne Frank, Ph.D.

Professor of Sociology

The Ohio State

University 238

Townshend Hall 1885

Neil Ave. Mall

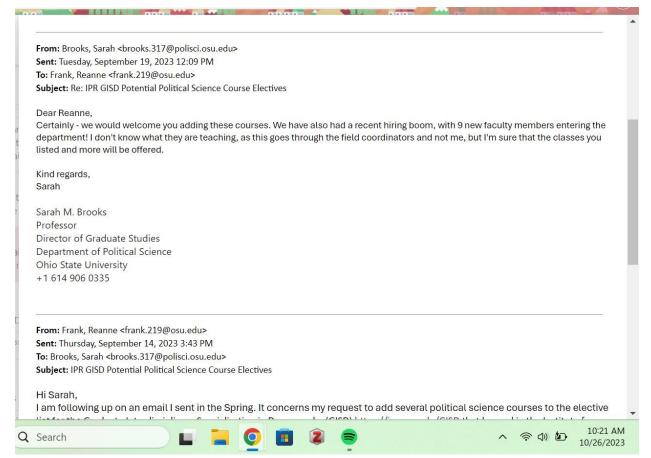
Columbus OH 43210

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fax (614) 292-6687

Polisci Concurrence



From: Frank, Reanne rnak.219@osu.edu Sent: Thursday, September 14, 2023 3:43 PM To: Brooks, Sarah brooks.317@polisci.osu.edu >

Subject: IPR GISD Potential Political Science Course Electives

Hi Sarah,

I am following up on an email I sent in the Spring. It concerns my request to add several political science courses to the elective list for the Graduate Interdisciplinary Specialization in Demography (GISD) https://ipr.osu.edu/GISD that housed in the Institute for Population Studies (IPR)--we actually spoke about the GISD in a zoom mtg way back in 2021. I am currently in the process of updating the elective courses for the GISD. Would you look at the list of proposed courses and let me know if you are OK with me including them? I am also open to any other suggestions you might have.

Thanks! Reanne

PROPOSED addition	nal classes			
7140	Race and Ethnicity			
7175	Intersectionality and Identity Politics in the United States			
7281	Political Economy of Income Inequality, Volatility, and Mobility			
7410	Radical Cosmopolitanism			
7555	Causal Mechanisms			
7702	Survey and Questic	onnaire Design		
7910	Identity Politics			

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fax (614) 292-6687

Psych Concurrence

RE: GISD course elective question

Jones, Mary <jones.3308@osu.edu>

Thu 3/21/2024 4:18 PM

Frank, Reanne <frank.219@osu.edu>

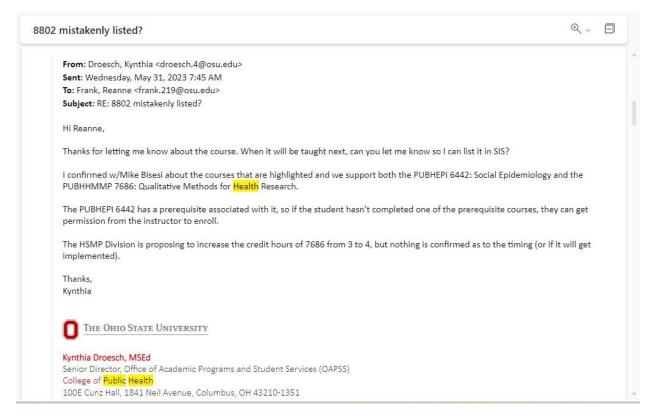
keanne,
Yes, that is fine to list the courses below. PSYCH 7816 will actually be offered in AU24 so it is still on the books, it just isn't offered as often. Your students would still need to get permission of instructor to add the courses in any given semester.
Please let me know if you need anything else or have any questions.
Best,
Mary

Proposed Changes to GISD Psych courses:

Psychology		
Course	Title	Add/Remove
7695.02	Health Psychology	Remove
6870	Basic Principles of Social Psychology	Add
7871	Social Cognition	Add
7872	Social Motivation	Add
7873	Attitudes and Persuasion	Add
695.03	Developmental	Add
816	Action and Decision Making	Add

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Public Health



From: Droesch, Kynthia

Sent: Tuesday, June 13, 2023 10:38 AM To: Frank, Reanne frank.219@osu.edu> Subject: RE: 8802 mistakenly listed?

Hi Reanne,

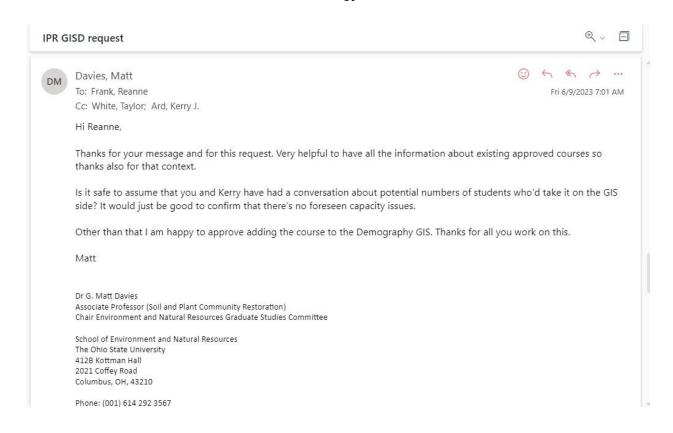
Yes absolutely those PUBHEHS classes work.

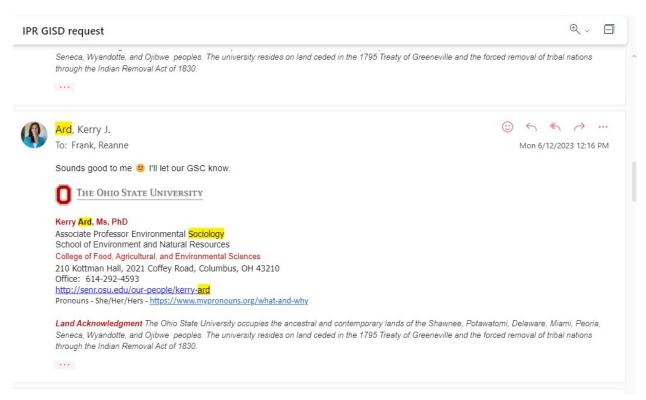
Thanks!



Kynthia Droesch, MSEd
Senior Director, Office of Academic Programs and Student Services (OAPSS)
College of Public Health
100E Cunz Hall, 1841 Neil Avenue, Columbus, OH 43210-1351
614-292-8350 Appointments/ 614-292-9767 Office
droesch.4@osu.edu [cph.osu.edu]cph.osu.edu
Pronouns: she/her Pronunciation: Kin-thee-uh Dresh
[usac.osu.edu]

Rural Sociology Concurrence





IPR GISD request



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Wed 6/14/2023 10:55 AM





Davies, Matt

To: Ard, Kerry J.; Frank, Reanne

Cc: White, Taylor

Great stuff thanks Kerry!

Hope sabbatical is going well and you're not missing us all too much,!

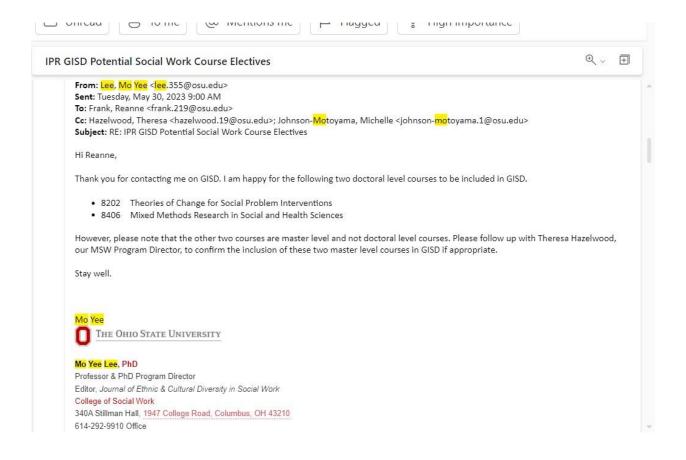
Dr G. Matt Davies Associate Professor (Soil and Plant Community Restoration) Chair Environment and Natural Resources Graduate Studies Committee

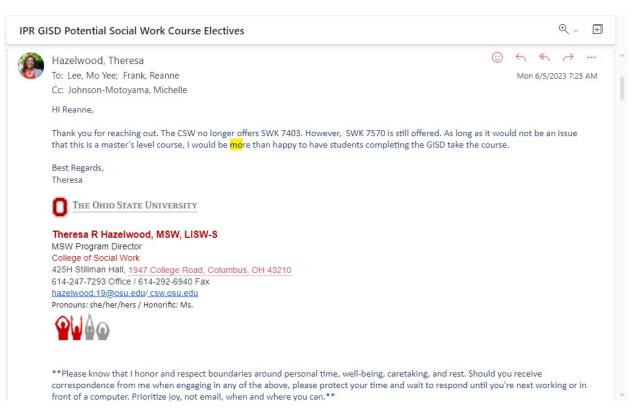
School of Environment and Natural Resources The Ohio State University 412B Kottman Hall 2021 Coffey Road Columbus, OH, 43210

Phone: (001) 614 292 3567 Web: <u>www.adferlab.cymru</u>
Twitter: @fireregimes



Social Work Concurrence





Sociology

From: Schmeer, Kammi <schmeer.1@osu.edu>

Sent: Friday, May 26, 2023 3:42 PM To: Frank, Reanne <frank.219@osu.edu> Subject: RE: GISD addition of elective courses

Hi Reanne,

I approve of the below list of courses to be added to the GISD. Our department teaches these graduate courses regularly and we would welcome the addition of GISD students to these and our other courses.

Best,

Kammi Schmeer



THE OHIO STATE UNIVERSITY

Kammi K. Schmeer, Ph.D. Professor & Director of Graduate Studies, Department of Sociology Associate Director, Institute for Population Research Office #105, Townshend Hall Mailing address: 238 Townshend Hall, 1885 Neil Ave. Mall The Ohio State University, Columbus, OH 43210

5640 Presenting and Communicating Quantitative Data

7735 Sociology of Gender

7780 Racial and Ethnic Differences

7790 Social Organization of the Community

7784.14 Seminar: Gender

Statistics

i Flag for follow up.



Craigmile, Peter To: Frank, Reanne



Wed 5/31/2023 7:10 AM

Cc: Xu, Xinyi; MacEachern, Steven

Dear Reanne Franke,

Good morning. My name is Peter Craigmile, and I am the chair of the curriculum committee in the Department of Statistics. We just discussed your inquiry about adding Stat 6500 (Statistical Machine Learning; https://stat.osu.edu/courses/stat-6500) as an elective of the Graduate Interdisciplinary Specialization in Demography.

We think it is a great idea. There is certainly room for more students to take the course.

I just wanted to let you know that Stat 6500 has the prerequisite of Stat 6450 (Applied Regression Analysis; https://stat.osu.edu/courses/stat-6450). The person who has most recently taught the course let me know that in the past they have asked students without Stat 6450 if they have taken a regression course before and has given permission on a case-by-case basis.

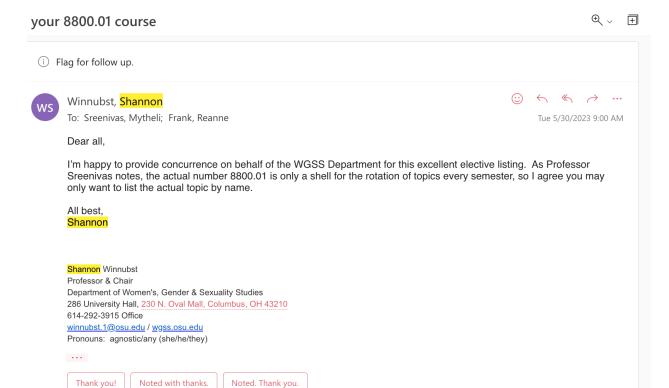
Please let us know if you have any other questions.

Kind regards, Peter Craigmile

Peter Craigmile, Ph.D.,

Professor, Department of Statistics, The Ohio State University.

WGSST



LIST OF ALL GISD REQUIRED AND ELECTIVE COURSES (proposed additions are bolded)

Department	Number	Title
Required		
SOC/PUBHLTH	8802	Seminar for Graduate Interdisciplinary Specialization in Demography
SOCIOL	7753	Introduction to Demographic Analysis
Electives		
AEDECON	6400	Regional and International Development
	7410	Advanced Regional Economics I
	7415	Advanced Regional Economics II
	7421	Advanced Development Economics I
	7425	Advanced Development Economics II
ANTHROP	5505	Wicked Science
	5510	Interdisciplinary Team Science
	7001	Society and the Environment
	7002	Anthropological Approaches to Health
	7004	Social-Ecological Systems
	8892.12	Seminars in Physical Anthropology: Quantitative Methods II: Advanced
CRPLAN	5001	Introduction to GIS for Planning
	6350	The Socially Just City
CSE	5544	Introduction to Data Visualization
	5523	Machine Learning and Statistical Pattern Recognition
	6520	Foundations of Applied AI for Non-Majors
50011	4550	5
ECON	4553	Economics of Population
	5850	Labor Economics
	6731	Survey of Econometric Methods I
	6732	Survey of Econometric Methods II
	8731	Econometrics I
	8732	Econometrics II
	8733	Econometrics III
	8851	Labor Economics I
	8852	Labor Economics II
	8853	Labor Economics III
FNID	7300	Climate and Conintry
ENR	7380	Climate and Society
	7560	Environmental Sociology
FCOLIAL		
ESQUAL	7240	Life History C Interniousing Matheda
	7240	Life History & Interviewing Methods

	8290	Qualitative Research in Education: Methods and Analysis
	8895	Seminars: Qualitative Research in Education
GEOG	5103	Intermediate Spatial Data Analysis
	5210	Fundamentals of Geographic Information Systems
	7102	Field Methods in Human Geography
	8102	Advanced Spatial Data Analysis
	8104	Special Topics in Quantitative Geography
	8200	Frontiers in Geographic Information Science
	8400	Issues in Critical Human Geography
HDFS	7350	Adolescence and Emerging Adulthood
	8404	Adolescence: Risk in Context
	8820	Theoretical perspectives on the Family
	8862	Grant writing for graduate students
HISTORY	7014	Studies in American Urban History
	7087	Black Women in the United States
		Comparative History of the African Diaspora and Post-Emancipation, Colonial & Post-
	7303	Colonial Reality
	5004	Constitution (1) to 1
LING	5801	Computational Linguistics I
PSYCH	6870	Basic Principles of Social Psychology
	7708	Psychology of Judgment and Decision Making
	7816	Action and Decision Making
	7871	Social Cognition
	7872	Social Motivation
	7873	Attitudes and Persuasion
	7070	
POLYSCI	7140	Race and Ethnicity
	7175	Intersectionality and Identity Politics in the United States
	7281	Political Economy of Income Inequality, Volatility, and Mobility
	7410	Radical Cosmopolitanism
	7555	Causal Mechanisms
	7702	Survey and Questionnaire Design
	7910	Identity Politics
PUBAFRS	6000	Public Policy Formulation and Implementation
	6030	Public Sector Economics
	7574	Mixed Methods Approaches for Policy-Related Research
	8030	Seminar in Public Policy
	8050	Seminar in Public Sector Economics

	7000	Public Health in Developing Countries
PUBHBIO	7225	Survey Sampling Methods
PUBHEPI	6410	Principles of Epidemiology
	6411	Biological Basis of Public Health
	6440	Reproductive and Perinatal Epidemiology
	6441	Epidemiology of Women's Health
	6442	Social Epidemiology
РИВННМР	7686	Qualitative Methods for Health Research
PUBHEHS	6325	Climate Change and Human Health
	6330	Environmental Epigenetics
	6390	Major Human Diseases in Global Public Health
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RURLSOC	5540	Population, Place and Environment
	6500	Rural Poverty
	7600	Concepts and Theories in Rural Sociology
SOCIOL	7754	Introduction to Demography
	5650	Presenting and Communicating Quantitative Data
	7735	Sociology of Gender
	7755	Fertility
	7756	Sociology of Immigration
	7758	Health Disparities in the United States
	7760	Sociology of Conflict and Violence
	7761	Social Stratification
	7780	Racial and Ethnic Differences
	7884.03	Seminar: Medical Sociology
	7884.08	The Family
	7884.14	Seminar: Gender
	7790	Social Organization of the Community
	8632	Analysis of Longitudinal Data
SWK	7570	Policy Analysis and Social Legislation Process
	8202	Theories of Change for Social Problem Interventions
	8406	Mixed Methods Research in Social and Health Sciences
STAT	5730	Introduction to R for Data Science
	6500	Statistical Machine Learning
WGSS	8800.01	Topics in Feminist Studies