

 FLORIDA ATLANTIC UNIVERSITY	NEW COURSE PROPOSAL Graduate Programs		UGPC Approval _____ UFS Approval _____ SCNS Submittal _____
	Department Social Work College Design and Social Inquiry <i>(To obtain a course number, contact erudolph@fau.edu)</i>		Confirmed _____ Banner Posted _____ Catalog _____
Prefix SOW Number 7417	<i>(L = Lab Course; C = Combined Lecture/Lab; add if appropriate)</i> Lab Code	Course Title Behavioral Science Statistics in Advanced Clinical Social Work	
Credits <i>(Review Provost Memorandum)</i> 3	Grading <i>(Select One Option)</i> Regular <input checked="" type="radio"/> Sat/UnSat <input type="radio"/>	Course Description <i>(Syllabus must be attached; see Guidelines)</i> Behavioral SCienCe StatistiCs is a doCToral level Course in using quantitative methods for inquiry in the soCial and behavioral sCienCes. This Course will expand on using SPSS for data analysis and introduCe students to the advantages and Challenges of working with seCondary data. Students will get hands on experienCe with the preparation and data analysis of data sets.	
Effective Date <i>(TERM & YEAR)</i> summer 2018			
Prerequisites Successful completion of required first year doctoral Clinical Social Work Research I and II courses.		Corequisites None	Registration Controls <i>(Major, College, Level)</i> Registration is open only for Doctor of Social Work students.
<i>Prerequisites, Corequisites and Registration Controls are enforced for all sections of course</i>			
Minimum qualifications needed to teach course: Member of the FAU graduate faculty and has a terminal degree in the subject area (or a closely related field.)		List textbook information in syllabus or here Textbook information may be found in the attached syllabus	
Faculty Contact/Email/Phone Dr. Manny J. Gonzalez mannygonzalez@fau.edu 561-297-3881		List/Attach comments from departments affected by new course	

Approved by Department Chair <u>Naelys Luna</u> College Curriculum Chair <u>Diane Sherman</u> College Dean <u>Deely H...</u> UGPC Chair _____ Graduate College Dean _____ UFS President _____ Provost _____	Date 9-26-17 9-27-2017 9-27-17 _____ _____ _____ _____
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Email this form and syllabus to UGPC@fau.edu one week before the UGPC meeting.

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Phyllis and Harvey Sandler School of Social Work
Florida Atlantic University

Behavioral Science Statistics in Advanced Clinical Social Work

SOW 7417 Section ____ CRN ____ (3 Credit Hours)

Semester: xxxx
Start/End Date: xxxx
Instructor: xxxxx
Phone: xxx-xxx-xxxx
Email: xxxxxx
Canvas: <http://canvas.fau.edu>

Classroom: SO xxxx
Class Times: xxxxx
Office Hours: xxxxx
Office Location: xxxxx
Web: www.fau.edu/ssw

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Doctor of Social Work (DSW) Program Mission

The DSW program provides doctoral-level practitioners with educational experiences that will allow them to engage in advanced clinical social work practice, conduct advanced clinical research, teach evidence-based practice courses, and assume leadership roles in the social work profession. Upon completion, DSW graduates will be able to:

- Integrate social work, social, and behavioral sciences with other disciplines as the basis for the highest level of evidence-based social work practice.
- Demonstrate professionalism, leadership, ethical principles, and scientific integrity in advanced social work practice, education, and research.
- Provide collaborative leadership in the development of social work evidence-based practice models and standards of care for diverse populations.
- Generate client, systems, practice, and outcomes research.
- Analyze theory, empirical research, and other evidence to guide improvements in social work practice.
- Utilize information systems and technology to enhance social work education and practice.

Course Description:

Behavioral Science Statistics is a doctoral level course in using quantitative methods for inquiry in the social and behavioral sciences. This course will expand on using SPSS for data analysis and introduce students to the advantages and challenges of working with secondary data. Students will get hands on experience with the preparation and data analysis of data sets.

Relevance to Doctoral Education:

Students will develop competence in reading and understanding statistics topics from sources such as texts, dissertations, journals, or technical reports. The course includes the use and interpretation of SPSS (Statistical Package for the Social Sciences), and a statistics lab component will be required. A major aim of this course is to provide doctoral students with the core tools required to conduct statistical tests in clinical social work—and to aid in developing statistical reasoning skills.

As clinical scholars in training, doctoral level social work clinicians will use the statistical tests learned in this course to advance the profession's knowledge base.

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Course Prerequisites

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Successful completion of the following two doctoral-level courses: Clinical Social Work Research I and Clinical Social Work Research II

Required Textbook

Hinkle, D. E., Wiersma, W., & Jurs, S. G. (2003). *Applied statistics for the behavioral sciences* (5th ed.). New York: Longman.

Recommended Textbook

Howell, D.C. (2016). *Fundamental statistics for the behavioral sciences* (9th ed.). Belmont, CA: Wadsworth.

Course Objectives:

Upon successful completion of this course, students will be able to demonstrate the following competencies:

- Understand the role of descriptive and inferential statistics as part of quantitative research methodology.
- Demonstrate the usefulness of descriptive and inferential statistics as part of quantitative research methodology.
- Describe quantitative results using descriptive statistics.
- Use inferential statistics to test hypotheses.
- Design research hypotheses for testing.
- Develop competence in the use of SPSS for classifying and describing data, as well as for inference.
- Compare statistical procedures for different quantitative purposes.
- Plan and carry out basic statistical analyses of research data

Course Assignments and Evaluation

Student course performance will be predicated on the successfully completion of two in-class examinations, selected computer assignments, and a course individual assignment that must first be approved by the instructor. See below for each noted course assignment and its percentage worth.

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1. Exam I (25%)
2. Exam II (25%)
3. Computer assignments (25%)
4. Course project (25%--analysis and write up of a data set. The project must be approved by the course instructor.

The following list of course requirements and percentages will be utilized in evaluating student course performance:

Exam I	25%
Exam II	25%
Computer Assignments	25%
Course Project	25%
<hr/>	<hr/>
Total	100%

Course Grading Scale

The grading scale for this course is as follows:

94 – 100% = A	74 – 76% = C
90 – 93% = A-	70 – 73% = C-
87 – 89% = B+	67 – 69% = D+
84 – 86% = B	64 – 66% = D
80 – 83% = B-	60 – 63% = D-
77 – 79% = C+	0 – 59% = F

Incomplete Grades: A student who is passing a course but has not completed all the required work because of exceptional circumstances may, with the approval of the instructor, receive a grade of Incomplete – this requires a signed contract with the

Attendance Policy

Students are expected to attend all scheduled classes to satisfy all course objectives and required assignments as noted in this course outline. Students are responsible for arranging to make up work missed because of legitimate class absence. Each class missed is a significant loss of instruction; therefore, it is the student's responsibility to give the instructor notice prior to any anticipated

absence and within a reasonable amount of time after an unanticipated absence—ordinarily by the next scheduled class meeting.



SAFEWALK – Night Owls
Boca Raton 561-297-6695 Davie 954-236-1902 Ft. Lauderdale 954-762-5611 Jupiter 561-799-8700
Campus security will escort individuals, day or night. Call ahead or go to their offices at Room 155 in the LA Building, Davie to make appropriate arrangements.

STUDENT ACCESSIBILITY SERVICES
In compliance with the Americans with Disabilities Act (ADA), students who require reasonable accommodations due to a disability to properly execute coursework must register with Student Accessibility Services (SAS) located in Boca Raton - SU 133 (561-297-3880), in Davie - MOD I (954-236-1222), in Jupiter - SR 117 (561-799-8585 and follow all SAS procedures.

DISCRIMINATION OR HARASSMENT – 561-297-3004
Students who have concerns about on-campus discrimination or harassment (including sexual harassment) can contact the FAU Office of Equity, Inclusion, and Compliance for assistance. The Boca office is located in Administration Building Room 291. Our full Nondiscrimination Policy is posted on our website at <http://cdsi.fau.edu/ssw/current-students/nondiscrimination-policy>

RELIGIOUS HOLIDAYS
Please advise the instructor at the beginning of the term if you require accommodations for religious holidays.

CODE OF ACADEMIC INTEGRITY
Students at Florida Atlantic University are expected to maintain the highest ethical standards. Academic dishonesty, including cheating and plagiarism, is considered a serious breach of these ethical standards, because it interferes with the University mission to provide a high quality education in which no student enjoys an unfair advantage over any other. Academic dishonesty is also destructive of the University community, which is grounded in a system of mutual trust and places high value on personal integrity and individual responsibility. Harsh penalties are associated with academic dishonesty. For more information, see http://www.fau.edu/ctl/4.001_Code_of_Academic_Integrity.pdf.

ADDITIONAL INFORMATION ON STUDENT RIGHTS and RESPONSIBILITIES
For additional information on student rights and responsibilities, please see the FAU Catalog at <http://www.fau.edu/registrar/universitycatalog/welcome.php> and MSW policies at <http://cdsi.fau.edu/ssw/current-students/msw>

Doctor of Social Work Program Student Policies

For professional expectations of student behaviors, attendance, academic integrity, and other DSW student policies, please see www.fau.edu/SSW/DSW

Weather-Related Emergencies:

In the event of a hurricane warning, see www.fau.edu or watch for other media announcements for updates on whether there will be a disruption in FAU classes. Class times and assignments will be modified as needed.

Course Outline

The following course outline is based on a 15 sessions of class meeting over the summer, and represents a best estimate of content to be covered. Rate of progress through this material may be modified by the Instructor as the semester proceeds. The syllabus and schedule are subject to change in the event of extenuating circumstances. No change will occur, however, unless proper and prior notice is given to students.

Reading assignments are labeled as follows.

HWJ = Hinkle, Wiersma, and Jurs textbook

Note: 1. Students are responsible for Exercises in HWJ chapters. Other assignments will be given in class. 2. Sessions in the Lab and information related to computer-aided analysis will be noted in class.

Session Number:

- | | | |
|------|--|------------------|
| I | Introduction to Statistics and Basic Concepts HWJ, Ch. 1 | |
| II | Organizing and Graphing Data HWJ, Ch. 2 | |
| III | Descriptive Statistics HWJ, Ch. 3 | |
| IV | The Normal Distribution HWJ, Ch. 4 4 | |
| V | Correlation HWJ, Ch. 5 | |
| VI | Simple Linear and Multiple Regression HWJ, Ch. 6 | |
| VII | Exam I | |
| VIII | Introduction to Inferential Statistics: Sampling, Probability, and Sampling Distributions HWJ, Ch. 7 | |
| IX | Hypothesis Testing: One Sample Mean HWJ, Ch. 8 | |
| X | Estimation: One Sample Mean HWJ, Ch. 9 | GRADUATE COLLEGE |
| XI | Hypothesis Testing: Two Sample Mean HWJ, Ch. 11 | OCT 02 2017 |
| XII | Power and Sample Size HWJ, Ch. 13 | Received |

- XIII Chi-square Analysis HWJ, Ch. 21
- XIV May 13 Exam II
- XV Thinking about Statistical Analysis Review and Course Project Due

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OCT 02 2017

Received

From: Naelys Luna <ndiaz10@fau.edu>

Subject: Social Work doctoral program proposed changes - request for review and comments

Date: September 26, 2017 at 9:16:01 PM EDT

To: Paul Peluso <ppeluso@fau.edu>, Robert Stackman <rstackma@fau.edu>, "Karethy Edwards" <edwardsk@health.fau.edu>, "jlong5@health.fau.edu" <jlong5@health.fau.edu>

Cc: mannygonzalez <mannygonzalez@fau.edu>, Diane Sherman <dgreen@fau.edu>

Dear Colleagues,

Our faculty members have worked very hard in the last few weeks carefully reviewing the doctoral program curriculum after receiving extensive feedback from the 1st cohort of students. We have opted to make several program changes in addition to the new course proposals that I emailed you this morning.

[L]
[SEP]

Attached to this email you will find an additional course syllabus for the Advanced Clinical Social Work Research Proposal course and a course change form for this proposed course, two program change forms (one for the entire doctoral program describing the proposed changes and the other for the Advanced Clinical Social Work Research Proposal course which is an integration of 2 courses from the original curriculum), and a document with 2 tables summarizing the proposed program changes that I hope would facilitate your review of these materials.

I am aware of that time sensitive nature of my request for your review and comments given that we are all working so hard to catch up after losing time due to Irma. We are hoping to submit all these changes to the October 2nd meeting. I truly appreciate your assistance with this and hope that I will hear from you by Friday morning. I am available to address any questions you may have about our proposed changes. Please do not hesitate to email me or call me.

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Received

Thank you so much!
Naelys

Naelys Luna, Ph.D.

Director and Professor

**Phyllis and Harvey Sandler School of
Social Work**

777 Glades Road SO303, Boca Raton, FL 33431

TEL: 561.297.3245

FAX: 561.297.2866

Email: ndiaz10@fau.edu

From: Karethy Edwards <edwardsk@health.fau.edu>
Subject: RE: Social Work doctoral program proposed changes - request for review and comments
Date: September 28, 2017 at 3:05:17 PM EDT
To: Naelys Luna <ndiaz10@fau.edu>
Cc: mannygonzalez <mannygonzalez@fau.edu>, Diane Sherman <dgreen@fau.edu>, Paul Peluso <ppeluso@fau.edu>, Robert Stackman <rstackma@fau.edu>, "jlong5@health.fau.edu" <jlong5@health.fau.edu>

Good afternoon,

The proposed program changes do not duplicate any of our programs.

Best wishes,

Kay

Karethy Edwards, DrPH, ARNP, FNP-BC, FAAN
Professor and Associate Dean for Academic Programs
Christine E. Lynn College of Nursing
Florida Atlantic University
777 Glades Road, NU 304
Boca Raton, FL 33431
561-297-3318
edwardsk@health.fau.edu
FAX: 561-297-4122
www.fau.edu/nursing

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OCT 02 2017

Received

From: Naelys Luna **Sent:** Tuesday, September 26, 2017 9:16 PM
To: Paul Peluso <ppeluso@fau.edu>; Robert Stackman <rstackma@fau.edu>; Karethy Edwards <edwardsk@health.fau.edu>; jlong5@health.fau.edu
Cc: mannygonzalez <mannygonzalez@fau.edu>; Diane Sherman <dgreen@fau.edu>
Subject: Social Work doctoral program proposed changes - request for review and comments

Dear Colleagues,

Our faculty members have worked very hard in the last few weeks carefully reviewing the doctoral program curriculum after receiving extensive feedback from the 1st cohort of students. We have opted to make several program changes in addition to the new course proposals that I emailed you this morning.

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I am aware of that time sensitive nature of my request for your review and comments given that we are all working so hard to catch up after losing time due to Irma. We are hoping to submit all these changes to the October 2nd meeting. I truly appreciate your assistance with this and hope that I will hear from you by Friday morning. I am available to address any questions you may have about our proposed changes. Please do not hesitate to email me or call me.

Thank you so much!
Naelys

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Naelys Luna, Ph.D.

Director and Professor

**Phyllis and Harvey Sandler School of
Social Work**

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Email: ndiaz10@fau.edu

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From: Robert Stackman
Sent: Friday, September 29, 11:20 AM
Subject: Re: New Course Proposals--Neuroscience and Advanced Clinical Social Work and Behavioral Science Statistics and Advanced Clinical Social Work
To: Naelys Luna
Cc: Christine Kraft

Hi Naelys-

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Should be fine given the circumstances you have described.

OCT 02 2017

-Bob

Received

Sent from my iPhone

On Sep 29, 2017, at 10:18 AM, Naelys Luna <ndiaz10@fau.edu> wrote:

Bob,

Thank you so much for doing this. I know you are away this week. The behavioral stats course we are proposing will be taught only during the summer. Your course does not seem to be offered during summers. Given the strict matriculation and block structure curriculum of our doctoral program, would the course be possible still an overlap? Hoping it is not considering these circumstances.

Best,
Naelys

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From: Robert Stackman
Sent: Friday, September 29, 10:51 AM
Subject: Re: New Course Proposals--Neuroscience and Advanced Clinical Social Work and Behavioral Science Statistics and Advanced Clinical Social Work
To: Christine Kraft, Naelys Luna

Dear Naelys,

Sorry for the delay in responding. The Behavioral statistics course would overlap considerably with our introductory graduate statistics course, PSY 6206 Experimental Design 1.

The other course has no obvious conflict with our curriculum.

Cheers,

Bob

Sent from my iPhone

On Sep 29, 2017, at 9:22 AM, Christine Kraft <kraftc@fau.edu> wrote:

Hello Dr. Stackman,

Dr. Luna Called this morning asking if you would approve the attached courses to be taught in the Spring. She said you two had previously discussed this.

Let me know if there is something you want me to submit.

Christine

Christine Kraft
Coordinator, Academic Support Services
Psychology Department, Bldg 12, BS-101
Charles E. Schmidt College of Science
777 Glades Road
Boca Raton, FL 33431
561-297-3360
[Kraftc@fau.edu](mailto:kraftc@fau.edu)

Christine Kraft

Dear Ms. Kraft,

Via attachment, you will find the syllabi for the two new courses that will be taught at the Phyllis and Harvey Sandler School of Social Work.

Thank you.

Manny J. Gonzalez, PhD
Doctoral Program Coordinator
561-297-3881

From: Naelys Luna

Sent: Tuesday, September 26, 2017 11:42 AM

To: mannygonzalez <mannygonzalez@fau.edu>; jlong5@health.fau.edu; Karethy Edwards <edwardsk@health.fau.edu>; peluso@fau.edu; rstackma@gmail.com

Cc: Diane Sherman <dgreen@fau.edu>

Subject: RE: New Course Proposals--Neuroscience and Advanced Clinical Social Work and Behavioral Science Statistics and Advanced Clinical Social Work

<image001.jpg>

Naelys Luna, Ph.D.
Director and Professor
Phyllis and Harvey Sandler School of Social Work
777 Glades Road SO303
Boca Raton, FL 33431-0991
TEL: 561.297.3245
FAX: 561.297.2866
Email: ndiaz10@fau.edu

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From: mannygonzalez
Sent: Tuesday, September 26, 2017 8:52 AM
To: jlong5@health.fau.edu; Karethy Edwards <edwardsk@health.fau.edu>; peluso@fau.edu; rstackma@gmail.com
Cc: Naelys Luna <ndiaz10@fau.edu>; Diane Sherman <dgreen@fau.edu>
Subject: New Course Proposals--Neuroscience and Advanced Clinical Social Work and Behavioral Science Statistics and Advanced Clinical Social Work

Dear Drs. Longo, Edwards, Peluso , and Stackman:

Please find attached the syllabus and the New Course Proposal Form for two new courses that we plan to teach in the Doctor of Social Work Program. I am requesting that you review and provide comments if you feel as though your department will be affected by these new courses.

Respectfully yours,

Manny J. González

<image001.jpg>

Manny J. Gonzalez,

PhD, LCSW-R (NY)

Doctoral Program Coordinator

Phyllis and Harvey Sandler School of Social Work

777 Glades Road SO303

Boca Raton, FL 33431-0991

TEL: 561.297.3881

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Email:

mannygonzalez@fau.edu

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<Interpersonal Neuroscience and Advanced Clinical Social Work Practice.docx>
<image001.jpg>
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