Semester: Fall 2017  
Course Number and Title: 501:335:02 Hybrid Population Health (3 cr)  
Course Day and Time: Thursday 5:35 -8:35 PM, HSB204  
Course Instructor and Contact Information:  
Professors:  
Ashley Anglin, Ph.D  
Ashley.Anglin@rutgers.edu  
Sharon Johnson-Hakim, Ph.D  
Sharon.Johnson.Hakim@rutgers.edu  
Office Hours and Location: By Appointment  
Required Text: Population Health, Caron  
Additional Materials: On Sakai

Course Description: Application of data and statistical methods to the evaluation of the health of populations, including outcomes measures, decision-making, and the evaluation of community health needs assessments (CHNAs) and community health improvement programs (CHIPs).

Course Overview: This course provides an overview of the complex economic, environmental, social, and behavioral causes affecting the health of populations. It requires application of descriptive statistics, as well as the use of population health indicators and secondary health-related data sources. Emphasis will be placed on locating and evaluating data on community health, determining community risk factors, evaluating community-based resources, and understanding how health care organizations plan for participation in community health improvement programs. This is a hybrid class which will rotate between in-person and online classes; please carefully check the dates & locations listed in the syllabus.

Core Competencies Addressed (AUPHA1): Population/community health; statistical analysis for evaluation and decision-making designed to improve both health care systems and health outcomes.

Course Objectives:

1. Think critically in an epidemiologic framework. [Assessed via Worksheet 2, Exam 2, and in-class activities]

2. Locate and use data on community health indicators to understand population health. [Assessed via Worksheet 2, & 3, Exam 2, and in-class activities]

3. Quantitatively assess problems posed in the health care arena. [Assessed via Worksheet 5, Exam 3, and in-class activities]

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1 The Association of University Programs in Health Administration (AUPHA) is the certifying body for undergraduate programs in health administration through the peer review process of program curricula, faculty and educational outcomes.
4. **Utilize health care information for effective decision-making.** [Assessed via Worksheet 4 & 6, Exam 3, and in-class activities]

5. **Effectively communicate health care information in written and oral formats.** [Assessed via in-class activities and all 3 exams]

**Grading Strategy:**

**Hourly Exams (n=3; 40%)**
These mixed format online exams (calculation, short answer and essay) must be completed by 11:59pm on the day they are scheduled.

**Worksheets (n=6; 40%)**
Worksheets must be turned in on time (at the beginning of class on the day they are listed) and correctly completed, with the student’s name PRINTED clearly and the pages securely fastened in order to receive full credit. Students are encouraged to work with others on worksheets if it helps them reinforce concepts discussed in class. Emailed submissions are NOT accepted.

**Participation in In-Class Activities & Engagement with Online Material (20%)**
This includes being physically and mentally present during in-class activities (5 scheduled randomly through the semester; you can miss up to 1 without impacting your participation grade), and fully engaging with online materials on Sakai (your activity on the class site is tracked electronically).

**Students are responsible for:**
- Turning in Worksheets on time, at the beginning of the class they are due on. Worksheets are happily accepted early but late Worksheets will not be accepted.
- Contacting us ahead of time via email if an exam must be missed for any reason. Deaths in the family, court proceedings, accidents or illnesses requiring physician care or hospitalization, and other life emergencies must be documented with written proof in order for a makeup exam to be permitted. Instructors reserve the right to administer an alternate exam in such cases.

*If you read this sentence, email both instructors before the first class with a picture of your favorite animal. To reward you for reading the syllabus ahead of time, we will give you 2 extra credit points on your first worksheet*

**Final Grade Scale:** By design, the final grade scale has intervals that are not equal.

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<tr>
<th>Grade</th>
<th>Score</th>
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<td>90-100</td>
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<td>A</td>
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<td>85-89.9</td>
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**Academic Integrity:**
Academic Integrity is a core value that supports trust among students, and between students and teachers. Academic dishonesty is not an individual act that affects only the students involved. It violates communal trust, impacts other members of the community, and is an offense against scholarship. For this reason, any instance of cheating or plagiarism will be dealt with harshly. Honesty matters. See the Rutgers Academic Code and Academic Oath at:
http://academicintegrity.rutgers.edu/

**Attendance and Cancellation of Classes**
In accordance with Rutgers University regulations, attendance is expected at all regularly scheduled meetings of a course and *individual courses may set policies* for absences. Please refer to the link below for more specific information:
http://sasundergrad.rutgers.edu/academics/courses/registration-and-course-policies/attendance-and-cancellation-of-class
<table>
<thead>
<tr>
<th>Class Schedule</th>
<th>Location</th>
<th>Topics &amp; Homework Assignments</th>
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<tr>
<td><strong>Syllabus</strong></td>
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- **Week 1 Sept. 7**
  - **In-Person**
  - *Introduction to Course, Instructors & Students; Basic Definitions*
    - **Assignment:** Download and Review Course Syllabus

- **Week 2 Sept. 14**
  - **Online**
  - *Population Health and Health Determinants*
    - **Assignment:** Read Chapter 8

- **Week 3 Sept. 21**
  - **In-Person**
  - *Population Health and Health Determinants*
    - **Assignment:** Worksheet 1 Due

- **Week 4 Sept. 28,**
  - **Online**
  - *Intro to Epidemiology*
    - **Exam 1** (on material to date)
    - **Assignment:** Read Chapters 2 and 3

- **Week 5 Oct. 5**
  - **In-Person**
  - *Intro to Epidemiology*
    - **Assignment:** Worksheet 2 Due

- **Week 6 Oct. 12**
  - **Online**
  - *Population Health Data*
    - **Assignment:** Read Chapters 4 and 5

- **Week 7 Oct. 19**
  - **In-Person**
  - *Population Health Data*
    - **Assignment:** Worksheet 3 Due

- **Week 8 Oct. 26**
  - **Online**
  - *Community Health Needs Assessment*
    - **Assignment:** Read Chapter 9
    - **Exam 2**

- **Week 9 Nov. 2**
  - **In-Person**
  - *Community Health Needs Assessment*
    - **Assignment:** Worksheet 4 Due

- **Week 10 Nov. 9**
  - **Online**
  - *The Role of Healthcare and Hospitals: Population Health Management*
    - **Assignment:** Read Chapter 12, 13, 14

- **Week 11 Nov. 16**
  - **In-Person**
  - *The Role of Healthcare and Hospitals: Population Health Management*
    - **Assignment:** Worksheet 5 Due

- **Week 12 Nov. 21**
  - **Online**
    - **Tuesday Schedule**
    - *Population Health Improvement*
      - **Assignment:** Read Chapter 11

- **Week 13 Nov. 30**
  - **In-Person**
  - *Population Health Improvement*
    - **Assignment:** Worksheet 6 Due

- **Week 14 Dec. 7**
  - **Online**
  - *Recap of Population Health: Where is it going? Where do I fit in?*
    - **Live Q & A during scheduled class time**
    - **Exam 3**