MEMORANDUM

TO: Robert Gold  
   Dean, School of Public Health

FROM: Elizabeth Beise  
      Interim Associate Provost for Academic Planning and Programs

SUBJECT: Proposal to Modify the Curriculum for the B.S. in Community Health (PCC log no. 09074)

At its meeting on April 16, 2010, the Senate Committee on Programs, Curricula and Courses approved your proposal to modify the curriculum for the B.S. in Community Health. A copy of the approved proposal is attached.

The change is effective Fall 2010. The College should ensure that the change is fully described in the Undergraduate Catalog and in all relevant descriptive materials, and that all advisors are informed.

MDC/  
Enclosure

cc: Alex Chen, Chair, Senate PCC Committee  
    Sarah Bauder, Office of Student Financial Aid  
    Reka Montfort, University Senate  
    Erin Howard, Data Administration  
    Donna Williams, Institutional Research & Planning  
    Anne Turkos, Archives  
    Linda Yokoi, Office of the Registrar  
    James Dietz, Undergraduate Studies  
    Coke Farmer, School of Public Health  
    Robin Sawyer, Community Health
College/School: School of Public Health
College/School Unit Code-First 8 digits:
Unit Codes can be found at: https://hypprod.umd.edu/Html_Reports/units.htm

Department/Program: Public & Community Health
Department/Program Unit code-Last 7 digits: 1330301

Type of Action (choose one):

☐ Curriculum change (including informal specializations)  ☐ New academic degree/award program
☐ Renaming of program or formal Area of Concentration  ☐ New Professional Studies award iteration
☐ Addition/deletion of formal Area of Concentration  ☐ New Minor
☐ Suspend/delete program  ☐ Other

Italics indicate that the proposed program action must be presented to the full University Senate for consideration.

Summary of Proposed Action:

Add HLTH 300 & 301 as undergraduate course requirements in the HLTH major

APPROVAL SIGNATURES - Please print name, sign, and date. Use additional lines for multi-unit programs.

1. Department Committee Chair  Nancy Atkinson  Nancy Atkinson  10/5/09
2. Department Chair  Elbert D. Glover  Elbert D. Glover  10/13/09
3. College/School PCC Chair  3/22/10
4. Dean  3/11/10
5. Dean of the Graduate School (if required)  
6. Chair, Senate PCC  4/16/2010
7. University Senate Chair (if required)  
8. Vice President for Academic Affairs & Provost  5/20/2010
Department of Public & Community Health (DPCH)

Revisions to the Undergraduate Community Health (CH) Program:

Curriculum changes

The DPCH is adding two required courses to the CH degree:

* HLTH 300 – Biostatistics for Public Health Practice
* HLTH 301 – Epidemiology for Public Health Practice

These additions are necessary to be consistent with the overall shift of focus in both the department and the School of Public Health from health education to public health. Most Schools of Public Health that have undergraduate programs include both biostatistics and epidemiology courses, and given the projection that the national accrediting body for public health (CEPH) intends to begin accrediting undergraduate programs in the future, developing a curriculum that will gain national accreditation approval is essential.

The School of Public Health includes a Department of Epidemiology and Biostatistics, but this department does not have the resources to teach the courses listed above on a consistent basis. Therefore, with the approval and support of the Department Chair of Epidemiology and Biostatistics, Dr. Deborah Young, the DPCH will teach the courses in the spring and fall semesters, and cross-list them with the Department of Epidemiology and Biostatistics.

The biostatistics and epidemiology courses will be included in the professional preparation section of the CH degree. HLTH 200 (Introduction to Research in Community Health) will also be moved to the professional preparation section, increasing the course credits in this area to 30. (see Program Sheet)

Biostatistics for Public Health Practice (HLTH 300) will replace Introduction to Educational Statistics (EDMS 451), and the addition of Epidemiology for Public Health Practice (HLTH 301) will be accommodated by reducing the credits required in the General Electives section from 15 to 12.

Students enrolled in the current Community Health major may complete their program under the existing guidelines.

* Approval for HLTH 300 and 301 is currently being pursued through the VPAC committee.
**Department of Public and Community Health**

**CURRENT PROGRAM**

**Community Health [120 Credits]**

**Name:** ___________________________  **UID:** ___________________________  **Date:** ________

### **CORE Requirements**

**Fundamental Studies: 9 Credits**
- Introduction to Writing (ENGL 101...) (3)
- MATH (110 or 113 or 115) (3)
- Professional Writing ENGL 395 (or 391 or 393) (3)

**Distributive Studies: 28 Credits**

A. Humanities & Arts (9 Credits)
- [HL] Literature: ___________________________ (3)
- [HA] Hist/Theory of Arts: ___________________________ (3)
- [HO or HL or HA]: ___________________________ (3)

B. Mathematics and the Sciences (10 Credits)
- [LL] Life Science (lab): BSCI105 ( )
- [LL] Life Science (lab): BSCI201 ( )
- [PS or PL or MS or ML]: ___________________________ (3)

C. Social and Behavioral Sciences (9 Credits)
- [SH] Soc or Pol Hist: ___________________________ (3)
- [SB] Beh & Soc Sci: ___________________________ (3)
- [SB] Beh & Soc Sci: ___________________________ (3)

**Human Cultural Diversity: 3 Credits**
- ___________________________ (3)

### **Advanced Studies: 6 Credits (After 60 credits)**

- ___________________________ ( )
- ___________________________ ( )

### **General Electives (15 Credits)**

- #1 ___________________________ ( )
- #2 ___________________________ ( )
- #3 ___________________________ ( )
- #4 ___________________________ ( )
- #5 ___________________________ ( )
- #6 ___________________________ ( )
- #7 ___________________________ ( )
- #8 ___________________________ ( )
- #9 ___________________________ ( )
- #10 ___________________________ ( )

### **Supportive Requirements (30 Credits)**

- HLTH 130: Introduction to Public & Comm Health (3)
- HLTH 140: Personal & Community Health (3)
- HLTH 200: Introduction to Research in CH ** (3)
- HLTH 230: Introduction to Health Behavior (3)
- BSCI 105: Principles of Biology (4)
- BSCI 201: Anatomy & Physiology I (4)
- BSCI 202: Anatomy & Physiology II (4)
- EDMS 451: Introduction to Educational Statistics (3)

**One upper level courses from any two departments:**
- EDCP or EDHD or FMSC (2 courses - 6 Credits) *
- ___________________________ (3)
- ___________________________ (3)

### **Restricted Health Electives - Any 6 courses - 18 Credits**

- HLTH 106: Drug Use and Abuse (3)
- HLTH 285: Controlling Stress and Tension (3)
- HLTH 371: Communicating Health and Safety (3)
- HLTH 377: Human Sexuality (3)
- HLTH 38x: Peer Education (3)
- HLTH 430: Health Education in the Workplace (3)
- HLTH 437: Consumer Behavior (3)
- HLTH 460: Minority Health (Summer only) (3)
- HLTH 471: Women's Health (3)
- HLTH 476: Death Education (3)
- SPHL400: Global Health (3)
- HLTH 498T: Medical Terminology (3)
- HLSA 287: Adult Hlth & Develop(Saturdays only) (3)
- KNES 360: Physiology of Exercise (3)
- NFSC 100: Elements of Nutrition (3)

### **Professional Preparation (21 Credits)**

- HLTH 391: Principles of Community Health I (3)
- HLTH 420: Methods and Materials in Health (3)
- HLTH 490: Principles of Community Health II (3)
- HLTH 491: Community Health Internship (12)

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* Double counts with CORE Requirement, if completed after 60 credits.
** Required of all CH majors beginning F09. Current majors may use it as 1 of the 6 Health Electives.

HLTH498T - On-line course – Summer and Winter sessions only

[U G Program / Forms / CH – Program Sheet]  
February 2009
# Department of Public and Community Health

## PROPOSED PROGRAM

### CORE Requirements

**Fundamental Studies: 9 Credits**
- Introduction to Writing (ENGL 101...) (3)
- MATH (110 or 113 or 115) (3)
- Professional Writing ENGL 395 (or 391 or 393) (3)

**Distributive Studies: 21 Credits**

A. Humanities & Arts (9 Credits)
- Literature: ____________ (3)
- Hist/Theory of Arts: ____________ (3)
- [HO or HL or HA]: ____________ (3)

B. Mathematics and the Sciences (11 Credits)
- Life Science (lab): BSCI 105 (3)
- Life Science (lab): BSCI 201 (3)
- [PS or PL or MS or ML]: ____________ (3)

C. Social and Behavioral Sciences (9 Credits)
- Soc or Pol Hist: ____________ (3)
- Beh & Soc Sci: ____________ (3)

**Human Cultural Diversity: 3 Credits**
- ____________ (3)

**Advanced Studies: 6 Credits (After 60 credits)**
- ____________ (3)
- ____________ (3)

**General Electives (12 Credits)**
- #1 ____________ (3)
- #2 ____________ (3)
- #3 ____________ (3)
- #4 ____________ (3)
- #5 ____________ (3)
- #6 ____________ (3)
- #7 ____________ (3)
- #8 ____________ (3)

### Supportive Requirements (21 Credits)

- HLTH 130: Introduction to Public & Comm Health (3)
- HLTH 140: Personal & Community Health (3)
- HLTH 230: Introduction to Health Behavior (3)
- BSCI 105: Principles of Biology (4)
- BSCI 201: Anatomy & Physiology I (4)
- BSCI 202: Anatomy & Physiology II (4)

### Health Electives (18 Credits)

- HLTH 106: Drug Use and Abuse (3)
- HLTH 285: Controlling Stress and Tension (3)
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- HLTH 377: Human Sexuality (3)
- HLTH 38X: Peer Education (3)
- HLTH 430: Health Education in the Workplace (3)
- HLTH 437: Consumer Behavior (3)
- HLTH 460: Minority Health (Summer only) (3)
- HLTH 471: Women's Health (3)
- HLTH 476: Death Education (3)
- HLTH 498T: Medical Terminology (Sum & Winter) (3)
- KNES 360: Physiology of Exercise (3)
- NFSC 100: Elements of Nutrition (3)
- SPHL: ____________ (3)

### Professional Preparation (30 Credits)

- HLTH 200: Introduction to Research in CH (3)
- HLTH 300: Introduction to Biostatistics (3)
- HLTH 301: Introduction to Epidemiology (3)
- HLTH 391: Principles of Community Health I (3)
- HLTH 420: Methods and Materials in Health (3)
- HLTH 490: Principles of Community Health II (3)
- HLTH 491: Community Health Internship (12)

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(1) Peer Education course can be used one time only

Signature of person approving Program Sheet ______________ Date ______________
## Department of Public and Community Health

### Suggested Course Sequence -- 120 credits

#### Freshman

<table>
<thead>
<tr>
<th>Fall Semester</th>
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<th>Spring Semester</th>
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<tbody>
<tr>
<td>CORE: Introduction to Writing</td>
<td>3</td>
<td>CORE: Fundamental Studies Math</td>
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<td>CORE: Distributive Studies - HL</td>
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<td>CORE: Distributive Studies - SB</td>
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<tr>
<td>HLTH130: Intro to Community Health</td>
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<td>HLTH140: Personal &amp; Community Health</td>
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<td>General Elective</td>
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<td>General Elective</td>
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#### Sophomore

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<td>CORE: Distributive Studies – SB</td>
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<td>CORE: Distributive Studies -HO</td>
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<td>CORE: Distributive Studies – SH</td>
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<td>CORE: Distributive Studies [PS/PL/MS/ML]</td>
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<tr>
<td>CORE: Diversity</td>
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<td>HLTH200: Intro to Research in CH</td>
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<td>HLTH230: Introduction to Health Behavior</td>
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<td>General Elective</td>
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#### Junior

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<th>Fall Semester</th>
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<tbody>
<tr>
<td>CORE: Professional Writing</td>
<td>3</td>
<td>HLTH391: Principles of Community Health I</td>
<td>3</td>
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<tr>
<td>HLTH: Community Health Elective #1</td>
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<td>HLTH: Community Health Elective #4</td>
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<tr>
<td>HLTH: Community Health Elective #2</td>
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<td>Advanced Studies</td>
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<td>HLTH: Community Health Elective #3</td>
<td>3</td>
<td>HLTH: Community Health Elective #5</td>
<td>3</td>
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<tr>
<td>HLTH300: Introduction to Biostatistics</td>
<td>3</td>
<td>HLTH301: Introduction to Epidemiology</td>
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#### Senior

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<th>Fall Semester</th>
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<th>Spring Semester</th>
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<tbody>
<tr>
<td>HLTH420: Methods &amp; Materials in HLTH</td>
<td>3</td>
<td>HLTH491: Community Health Internship</td>
<td>12</td>
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<tr>
<td>HLTH490: Principles of Community Health II</td>
<td>3</td>
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<tr>
<td>HLTH: Community Health Elective #6</td>
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<tr>
<td>General Elective</td>
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<tr>
<td>Advanced Studies</td>
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<td><strong>12</strong></td>
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### Pre & Co Requisites

- 130 pre/co-requisite for 230
- 230 pre-requisite for 200
- 200 pre-requisite for 300
- 300 pre-requisite for 301 & 391
- 391 pre-requisite for 420 & 490
- 420 & 490 pre-requisites for 491

### Department Policies

- All BSCI courses completed before taking 391
- All students will be expected to complete Professional Writing "C" or better in FM, FE, Professional Writing, Supportive Requirements, HLTH Electives, and Professional Preparation courses

*Effective for fall 2010*
Course Prefix and Number: HLTH300

Title: Biostatistics for Public Health Practice

Credits: Minimum 3 Maximum 3

Repeatability: Repeatable to a maximum of 0 if content differs

Hour commitment per week: Lecture: 3 Internship: Discussion: Laboratory: Seminar:

Can this course be waived through an AP exam? No

Has this course been approved to fulfill a CORE distribution requirement? No

Grading Method: Standard Undergraduate

Formerly:

Prerequisite(s):

Corequisite(s): HLTH 200

Recommended course(s):

Restrictions: For HLTH majors only

Crosslisted with: EPIB 300

Shared with:

Credit will be given for only one of the following courses: HLTH 300, EPIB 300

Will this course be offered at another location or through an alternate delivery method? No

Catalog Description: An examination of biostatistical concepts and procedures as they relate to contemporary issues in public health. Focus on applications, hands-on-experience, & interpretations of statistical findings in public health research.

Reason for proposal/comments: New course in revised major in keeping with evolving from a health education program to one with a greater focus on public health. Course inclusion in keeping with peer institutions' community health undergraduate programs and CEPH accreditation recommendations.

Early Warning Grades: Yes

Inclement Weather Procedures: Yes

Academic Integrity / Honor Pledge: Yes

Accommodations for students with disabilities: Yes

Learning Outcomes: Students will be able to:

1. Describe and apply concepts about probability & probability distributions.
2. Utilize descriptive statistics appropriate to measurement scales.
3. Apply inferential statistics in the context of appropriate data type & study design.
4. Successfully utilize a biostatistical package.
5. Demonstrate an ability to accurately analyze and interpret results related to public health data.

Assessment Policy: A midterm, final exam and two assignments will be used to assess student grades.

University religious observance, class ground rules, academic integrity, & exam make up policies are included in the course outline.


http://www.statsoftinc.com/textbook/statshome.html

Course Pedagogy and Format: Lecture, discussion, hands-on work with data sets, homework assignments, readings.
Print vpac proposal

http://www.vpac.umd.edu/Proposal/printtable.cfm?Year=09&LogNo=...
Return to VPAC Menu

University of Maryland Course Proposal Form

<table>
<thead>
<tr>
<th>Course Prefix and Number: HLTH301</th>
<th>Transcript Title: Epidemiology for Public Health Practice</th>
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</thead>
<tbody>
<tr>
<td><strong>Title:</strong> Epidemiology for Public Health Practice</td>
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<tr>
<td><strong>Credits:</strong> Minimum 3 Maximum 3</td>
<td>Repeatable to a maximum of 0 if content differs</td>
</tr>
<tr>
<td><strong>Hour commitment per week:</strong> Lecture: 3 Internship: Discussion: Laboratory: Seminar:</td>
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<tr>
<td>Can this course be waived through an AP exam?</td>
<td>No</td>
</tr>
<tr>
<td>Has this course been approved to fulfill a CORE distribution requirement?</td>
<td>No</td>
</tr>
<tr>
<td><strong>Prerequisite(s):</strong> HLTH 200, HLTH 300</td>
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<tr>
<td><strong>Corequisite(s):</strong></td>
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<td><strong>Recommended course(s):</strong></td>
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<tr>
<td><strong>Restrictions:</strong> For HLTH majors only</td>
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<tr>
<td><strong>Crosslisted with:</strong> EPIB301</td>
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<td><strong>Shared with:</strong></td>
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<tr>
<td><strong>Credit will be given for only one of the following courses:</strong> HLTH301, EPIB301</td>
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<tr>
<td><strong>Will this course be offered at another location or through an alternate delivery method?</strong></td>
<td>No</td>
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<tr>
<td><strong>Catalog Description:</strong> An examination of the discipline of epidemiology and its application to public health issues and practices, covering current epidemiological concepts and methods.</td>
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<tr>
<td><strong>Reason for proposal/comments:</strong> New course in revised major in keeping with evolving from a health education program to one with a greater focus on public health. Course inclusion in keeping with peer institutions' community health undergraduate programs and CEPH accreditation recommendations.</td>
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<td><strong>Early Warning Grades:</strong> Yes</td>
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<td><strong>Academic Integrity / Honor Pledge:</strong> Yes</td>
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<tr>
<td><strong>Accomodations for students with disabilities:</strong> Yes</td>
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<tr>
<td><strong>Learning Outcomes:</strong> Students will be able to:</td>
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<tr>
<td>1. Discuss the epidemiologic or population perspective used in the study of health &amp; disease.</td>
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<td>2. Discuss the feasibility, strengths, &amp; limitations of different study designs.</td>
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<td>3. Identify key sources of epidemiologic data.</td>
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<td>4. Define measures of disease occurrence including incidence, prevalence, morbidity &amp; mortality.</td>
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<td>5. Describe the distribution of disease in terms of person, place &amp; time.</td>
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<td>6. Define measures of association including odds ratios, &amp; relative risk.</td>
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<td>7. Discuss criteria for causality.</td>
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<td>8. Discuss models of the natural history of disease.</td>
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<td>9. Critically review published epidemiologic studies.</td>
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<td>10. Describe ethical issues regarding research &amp; evaluation.</td>
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<td>11. Describe the place of epidemiology in disease prevention &amp; health promotion.</td>
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<tr>
<td><strong>Assessment Policy:</strong> Four exams (including final); written critique of published article; presentation; 7 quizzes (2 may be dropped).</td>
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<tr>
<td>University religious observance, class ground rules, academic integrity &amp; exam make up policies included in course outline.</td>
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VPAC log no.: 0948370C
Date Initiated: 10/26/09
Unit Code: 012025001250101
ACAF log no.: 1012034

Course Pedagogy and Format: Lecture, discussion, student presentations, written exams, written quizzes.

For use by Registrar's Office only

Effective Term: _____________

Repeat Table: _____________

Prereq pop-up: _____________

Entered/date: _____________

Verified: _____________

Vice President for Academic Affairs & Provost

Effective Term