The University Of Toledo

NEW COURSE PROPOSAL

* denotes required fields

1. College*: Medicine
   --Select a College--

2. Department*: N/A (INDI course)
   --Select a Department--

3. Alpha/Numeric Code (Subject area - number)*: IND 629
   If this is a renumbering, please request an electronic copy of the old course
   approval through the Registrar's Office at x4865, and attach it to #15 in this
   form. Remember to delete the old course ID in #13.

4. Proposed title*: Introduction to Global Medicine
   Proposed effective term: Summer 2011

5. Planned enrollment per section: per term: 10-15

6. Is the course cross-listed with another academic unit?  ○ Yes  ☑ No
   Is the course offered at more than one level?  ☑ Yes  ☑ XXX
   If yes to either question, please list additional Alpha/Numeric codes, and
   submit a separate New Course Form or Course Modification form for the
   course(s) referenced below.
   a. IND 629
   b. c.

   Approval of other academic unit (signature)

   Name and title

   If course is to be offered at more than one level, attach an explanation of the different requirements that students must meet for each level. If the
   requirements are the same for each level, justification must be provided.

7. Credit hours*: Fixed: 3  or Variable:  to

8. Delivery Mode:
   Primary* Lecture Secondary Ind. Study Tertiary
   a. Activity Type†  Select Type†
   b. Minimum Credit Hours  3
   c. Maximum Credit Hours  3
   d. Weekly Contact Hours  4

9. Terms offered: ☑ Fall  ☑ Spring  ☑ Summer

http://curriculumtracking.utoledo.edu/NewCourse.asp

3/31/2011
New Course Proposal

Years offered:  ☑ Every Year  ☐ Alternate Years

Are students permitted to register for more than one section during a term?  ☑ No  ☐ Yes

May the courses be repeated for credit?  ☐ No  ☑ Yes

Grading System*:

Undergraduate

☐ Normal Grading (A-F, PS/NC, PR, I)
☐ Passing Grade/No Credit (A-C, NC)
☐ Credit/No Credit (S/U)
☐ Grade Only (A-F, PR, I)
☐ Audit only
☐ No Grade

Graduate

☐ Normal Grading (A-F, PS/NC, PR, I)
☐ Grade Only (A-F)
☐ Satisfactory/Unsatisfactory (G only)
☐ Audit only
☐ No Grade

Maximum Hours

Prerequisites (must be taken before):  a. N/A  b.  c.  

☐ PIP (Permission From Instructor)

Co-requisites (must be taken together):  a. N/A  b.  c.  

PDP (Permission From Department)

If course is to replace an existing, course(s) will be deleted, and when should that deletion occur?  N/A

Courses to be removed from inventory  Final Term to be offered  (YYYYT i.e. use 20064 for Fall'06)

a.  
b.  
c.  
d.  

Catalog description* (30 words Maximum)

The course is intended for medical and graduate students as an introduction to medical and community development missions in developing nations.

Attach an electronic copy of a complete outline of the major topics covered.

Syllabus:  * See attached document

Additional Attachment 1:

Additional Attachment 2:

Where does this course fit in the University/College/Department curriculum? (Be specific by course level, if applicable). Indicate prospective demand.

An introduction to the issues and disparities in health and medical care that exist within poor communities of developing nations and presentation of the tools to address those disparities.

If the proposed course is similar to another course in the College or University, please describe the difference and provide a rationale for the duplication. (If this course duplicates material covered in another course within your department or college or in another college, attach a letter of endorsement from that area's dean and department chairperson indicating their support. Clarify the manner in which this course will differ).

N/A

http://curriculumtracking.utoledo.edu/NewCourse.asp

3/31/2011
18. If the course is intended to meet a University Undergraduate Core requirement, complete the following and submit a course syllabus using the template:
Please explain how this course fulfills the general education guidelines. (Guidelines are available in Faculty Senate Website)

N/A

**Course Approval:**

<table>
<thead>
<tr>
<th>Department Curriculum Authority:</th>
<th>Date Month / Day / Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Department Chairperson:</th>
<th>Date Month / Day / Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>College Curriculum Authority:</th>
<th>Date Month / Day / Year</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>College Dean:</th>
<th>Date Month / Day / Year</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

After college approval, submit the original signed form to the Faculty Senate (UH 3328) for undergraduate-level courses; for graduate-level courses submit the original signed form to the Graduate School (UH5240). For undergraduate/graduate dual-level courses, submit the proposals to each office.

<table>
<thead>
<tr>
<th>Faculty Senate Undergrad. Curriculum Comm.:</th>
<th>Date Month / Day / Year</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Faculty Senate Core Curriculum Comm.:</th>
<th>Date Month / Day / Year</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Graduate Council:</th>
<th>Date Month / Day / Year</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Office of the Provost:</th>
<th>Date Month / Day / Year</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Registrar's Office:</th>
<th>Date Month / Day / Year</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Submit New Course Proposal

You will see a confirmation page after you press the "Submit" button. If you do not see the confirmation page, please call 4320 or send an email to ProvostWebMaster.utoledo.edu. Thanks.

http://curriculumtracking.utoledo.edu/NewCourse.asp

3/31/2011
INTRODUCTION TO GLOBAL MEDICINE
Summer term, 2011
3 credits

Course Director
Dr. Randall Ruch
Department of Biochemistry and Cancer Biology
Office: BHSB 410
randall.ruch@utoledo.edu
419-383-4408

Course Overview
The course will provide medical practitioners and other learners with:

- An understanding of the issues and disparities in health and medical care that exist within poor communities of developing nations
- The medical, scientific, and cultural tools necessary to address those issues and disparities effectively and sustainably

Assigned readings
- Essentials of Global Health by Richard Skolnik
- Forgotten People, Forgotten Diseases by Peter J. Hotez
- Awakening Hippocrates: A Primer on Health, Poverty, and Global Service by Edward O’Neill
- Mountains Beyond Mountains by Tracy Kidder
- Other printed and electronic reading materials assigned by facilitators

Requirements and Assignments
- Class attendance and participation. Attendance is mandatory. If a class is missed, a make-up assignment will be assigned and must be completed. Students cannot miss more than two classes without the permission of the Course Director. Students are also expected to be attentive during classes and participate in discussions.
- Student-led class. Students will be assigned at least one chapter from the Hotez textbook and will present the chapter’s topics/diseases in class. Additional instructions for this assignment will be provided in class.
- Completion of course binder. Students will collect all hard copy materials from the course and their projects and compile them into a three ring binder. The completed binder must be approved by the Course Director.
- Discussion questions for Mountains Beyond Mountains. Students will turn in their answers to the discussion questions about Kidder’s biography of Paul Farmer and Partners in Health.

Grades
- The course is graded Satisfactory/Unsatisfactory (S/U)
- A satisfactory grade will be earned by completing all of the above requirements and assignments to the satisfaction of the Course Director:

Course Policies
- No computers or other electronic devices are allowed during class except by those making presentations.
- Other student academic policies and standards of the University of Toledo also apply to this course.
**Course Schedule**

All classes meet **Monday** and **Thursday** from 7-9 p.m. in BHSB 480 (Biochemistry and Cancer Biology seminar room).

<table>
<thead>
<tr>
<th>Week</th>
<th>Date</th>
<th>Topic (and reading assignments)</th>
<th>Facilitator</th>
</tr>
</thead>
</table>
| 1    | May 30   | 1. Introduce the course: review syllabus/schedule  
2. Discuss students’ motivations for medical mission service and experiences  
3. History of medical missions and recent trends; current/past leaders; major orgs.  
4. Movie: Albert Schweitzer: Called to Africa and discussion | R Ruch      |
|      | June 2   | 1. Principles and goals of global health  
2. Health determinants and measurements  
3. Health, education, poverty, and economy (Skolnik chapters 1-3) | R Ruch      |
| 2    | June 6   | 1. Water, sanitation, housing, and environmental issues  
2. Nutrition and Health (Skolnik chapters 7 and 8) | R Ruch      |
|      | June 9   | Infectious Diseases 1 – AIDS, Malaria, and TB | C Matus     |
| 3    | June 13  | Infectious Diseases 3 – Introduction, soil-transmitted parasitic helminths, schistosomiasis (Hotez chapters 1-3) | Students    |
|      | June 16  | Infectious Diseases 4 – Lymphatic Filariasis (Elephantiasis), Dracunculiasis (Guinea worm), Onchocerciasis (River blindness), trachoma, Buruli ulcer, leprosy (Hotez chapters 4-6) | Students    |
| 4    | June 20  | Infectious Diseases 5 – Trypanosomiasis (Sleeping sickness), Chagas’ disease, Leishmaniasis, Leptospirosis, Dengu, Rabies (Hotez chapter 7 and 8) | Students    |
|      | June 23  | Infectious Diseases 6 – The global network for neglected tropical diseases; trends in the control of neglected tropical diseases and vaccines (Hotez chapters 10 and 11) | Students    |
| 5    | June 27  | 1. Chronic Diseases – cancer, cardiovascular disease, respiratory diseases, cataracts and blindness, dental disease, pain/arthritis/fatigue  
2. Men’s health issues – medical, alcoholism, drugs, work-place safety/accidents | C Matus     |
|      | June 30  | Women and infant health issues – Cervical cancer, Averting maternal death and disability (AMDD), Impact, Skilled Care Initiative (SCI), ACCESS (Skolnik chapter 9) | A Ruch      |
| 6    | July 4   | No Class (holiday)                                                                                           | MK Smith A Ruch |
|      | July 7   | 1. Empowerment of women and children (health information, cultural models for ‘marriage’, economic development, domestic violence, corporal punishment, education, sex trafficking)  
2. Movie: Little Princes: One Man’s Promise to Bring Home the Lost Children of Nepal and discussion | MK Smith A Ruch |
| 7    | July 11  | Health issues of infants and children (Skolnik chapter 10)                                                | G Collins   |
|      | July 14  | Mental health – individuals and communities                                                               | MK Smith    |
| 8    | July 18  | Mental health – Individuals and communities                                                               | MK Smith    |
|      | July 21  | Culture, religion, and spirituality (Skolnik chapter 6)                                                 | J Davies    |
| 9    | July 25  | Culture, religion, and spirituality                                                                     | J Davies    |
|      | July 28  | Movie: The Gods Must Be Crazy and discussion                                                            | J Davies    |
| 10   | August 1 | Responding to disasters, conflicts, and other emergencies (Skolnik chapter 14)                          | R Paat      |
|      | August 4 | 1. Human rights and health (Skolnik chapter 4)                                                          | R Ruch      |
|      |          | 2. Movie: The Short Life of Jose Antonio Gutierrez and discussion                                         | R Ruch      |
| 11   | August 8 | Discussion of Mountains Beyond Mountains  
Movie: The Road to Fondwa and discussion | R Ruch      |
|      | August 11| 1. Examining your motives for medical missions  
2. Getting ready - the nuts and bolts of participating in a medical mission | A Ruch MK Smith R Paat |
| 12   | August 15| Movie: PBS series on Global Health – Rx for Survival                                                    | R Ruch      |
|      | August 18| Movie: PBS series on Global Health – Rx for Survival                                                    | R Ruch      |