

## Interdisciplinary Studies- International Medicine

Paige Tucker

I created International Medicine as my Interdisciplinary Studies major because I want to study medicine with a global perception. I feel that this major best fits my post-graduate goals by combining historical and political classes along with prerequisites that would be typical for applying to medical school. I believe my chosen courses together constitute a well-rounded major that will fully prepare me for post-graduate life instead of a standard major focusing on one area.

I chose International Medicine because I have always been interested in the act of healing people and wish to have a career doing this. I realized my sophomore year of college that this career did not have to stem from attending medical school to become a physician, so I decided to apply to a nursing school after I graduate from Hendrix College in the hopes of eventually becoming a Nurse Practitioner. As for the international side of my major, I have found that I am more interested in practicing medicine abroad in countries that still have viral and bacterial diseases that we consider eradicated or insignificant in most parts of the United States. I would love to be able to help those in countries we Americans tend to think of as less in some sense because they are less developed. I want to feel as though I can help people whose health is affected by the situations into which they were born.

For my major, I am combining classes to form three categories, which include a Medical Perspective, an International Perspective, and an Ethics and Values Perspective. The Medical Perspective is comprised of biology and kinesiology classes that fulfill most of the prerequisites I need in order to apply for nursing school. For my biology classes, Cell Biology (BIOL 150) has provided a basic set of information about cells upon which my other classes will build. In order to learn about the effect of genes and mutations in diseases, I took Genetics (BIOL 250). Microbiology (BIOL 340) taught me about the effects viruses and bacteria have in humans. I hope to take Immunology (BIOL 430) in the spring of

my senior year in order to learn more about innate and acquired immunity and apply this towards my work in other countries.

Adding kinesiology classes to my major includes an aspect that is based on health instead of solely medicine. Anatomy and Physiology I and II (KINE 205 and 215) are important in enabling me to know the location of anatomical structures and learn how they specifically work in allowing our bodies to function properly. Epidemiology (KINE 340) discussed how disease outbreaks begin, how they are continued throughout populations, and which people are more vulnerable.

For the International perspective of my major, I combined politics classes that focus on foreign governments and history classes that will allow me to understand the background of countries in which I wish to work. My chosen history classes, Colonial African History (HIST 130) and one of the other listed three, were picked because I am planning on specifically focusing on Africa as my intended destination to do healthcare work. Colonial African History taught me the background of how other countries' intervention shaped today's Africa. I hope that Contemporary Africa (HIST 280), Aid, Development, and Humanitarianism in Africa (HIST 281), or Comparative Genocides (HIST 334) will further that knowledge by educating me on the more contemporary aspects of Africa and allow for a greater perception of the continent. Due to the unknown availability in the next year of these classes, I listed all three of them as an elective for which I will choose one. For the same reason, I listed three politics classes (History of the International System (POLI 250), Comparative Foreign Policy (POLI 282), and International Human Rights (POLI 326)) in the same way. One of these three along with Theories of Comparative Politics (POLI 271) will enable me to understand the complexities behind different governments in countries that I hope to inhabit.

The third portion of my major, the Ethics and Values Perspective, combines philosophy and sociology classes, which will be especially important in allowing me to understand other countries that

have different values and cultures than the United States. Appreciating the ethics and culture of others will make helping them easier. Ethical Theory (PHIL 330) is meant to teach me the different theoretical categories of ethics so I can understand people's views. Finally, my last required class will either be Ethics and Medicine (PHIL 225) or Medicine and Culture (SOCI 380). Ethics and Medicine will require me to reflect on the numerous ethical decisions I will have to make as a person responsible for others' health and how these decisions will affect me or the patient. Medicine and Culture will show me how different cultures reflect in their medical practices and how social changes can affect medicine in different countries.

For my senior capstone project, I will write a thesis on a viral or bacterial disease that is a health problem in other countries. This thesis will pursue the biology and epidemiology of the disease along with social issues arising as a consequence. I will use my semester experience abroad in India to also contribute to this. I will present my findings from my thesis to a relevant advisor and have them grade it accordingly.

The following 10 classes and three electives are required for my International Medicine major.

## Major Requirements

### Medical Perspective:

#### Biology

- Cell Biology (BIOL 150)\*
- Genetics (BIOL 250)\*
- Microbiology (BIOL 340)\*
- Immunology (BIOL 430)

#### Kinesiology

- Anatomy and Physiology I (KINE 205)\*
- Anatomy and Physiology II (KINE 215)
- Epidemiology (KINE 340)\*

### International Perspective:

#### History

- Colonial African History (HIST 130)\*  
Electives- One Course:
- Contemporary Africa (HIST 280)
- Aid, Development, and Humanitarianism in Africa (HIST 281)
- Comparative Genocides (HIST 334)

#### Politics

- Theories of Comparative Politics (POLI 271)\*  
Electives- One Course:
- History of the International System (POLI 250)
- Comparative Foreign Policy (POLI 282)
- International Human Rights (POLI 326)

### Ethics and Values Perspective:

#### Philosophy

- Ethical Theory (PHIL 330)\*  
Electives- One Course:
- Ethics and Medicine (PHIL 225)
- Medicine and Culture (SOCI 380)

\* Already Taken

**Committee Members:**

A handwritten signature in black ink, appearing to read "Peg Falls-Corbitt", is written over a solid horizontal line.

**Dr. Peg Falls-Corbitt**

A handwritten signature in black ink, appearing to read "Mark Sutherland", is written over a solid horizontal line.

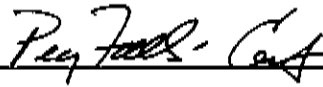
**Dr. Mark Sutherland**

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**Dr. Allison Shutt**

(Dr. Shutt will approve via email)

Committee Members:



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Dr. Peg Falls-Corbitt



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Dr. Mark Sutherland

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Dr. Allison Shutt

**Subject:** FW: Interdisciplinary Major  
**Date:** Friday, March 8, 2013 3:51:43 PM CT  
**From:** Shutt, Allison  
**To:** Sutherland, David

David,

This is FYI

Allison K. Shutt  
Associate Professor of History  
Social Science Area Chair  
Hendrix College  
1600 Washington Ave  
Conway, AR 72034  
(o) 501-450-3897  
(f) 501-450-1400

-----Original Message-----

From: Tucker, Paige  
Sent: Friday, March 08, 2013 3:43 PM  
To: Shutt, Allison  
Subject: RE: Interdisciplinary Major

Thank you very much! I'll email it to Dr. David Sutherland. Would you mind emailing him that you also approve my major proposal since I was not able to get your signature on it before I left?  
I really appreciate it-  
Paige

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From: Shutt, Allison  
Sent: Friday, March 08, 2013 3:36 PM  
To: Tucker, Paige  
Subject: RE: Interdisciplinary Major

Hi Paige,

Yes. On a second reading, you could say Hist 281, Hist 280, Hist 330 or Hist 130 would all be fine. I don't think I answered your other question, which was about advisers. I'd be more than happy to be your advisor.

Cheers!

Allison K. Shutt  
Associate Professor of History  
Social Science Area Chair  
Hendrix College  
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-----Original Message-----

From: Tucker, Paige  
Sent: Friday, March 08, 2013 3:13 PM

To: Shutt, Allison  
Subject: RE: Interdisciplinary Major

Hi Dr. Shutt

I was wondering if the below change was your only one for my major proposal (which I have attached again) so that I may email this to Dr. Sutherland for approval.

Thank you!

Paige Tucker

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From: Shutt, Allison  
Sent: Wednesday, December 12, 2012 9:39 AM  
To: Tucker, Paige  
Subject: RE: Interdisciplinary Major

Paige,

Hist 281: Aid, Development and Humanitarianism in Africa would be a better choice of courses than Hist 330: Culture & Colonialism. Hist 280: Contemporary Africa would work too.

Best,

Allison K. Shutt  
Associate Professor of History  
Social Science Area Chair  
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-----Original Message-----

From: Tucker, Paige  
Sent: Thursday, December 06, 2012 4:35 PM  
To: Shutt, Allison  
Subject: Interdisciplinary Major

Hi Dr. Shutt-

I have made my own interdisciplinary major of International Medicine and I was wondering if you would be on my committee; I would really appreciate it. I am asking you because while I am including foreign politics for the international part of it, I am also including African history. I will include the proposal in this email for you to look at and please tell me if you would like to also be an adviser or if I should maybe ask a foreign politics professor.

Thanks so much,  
Paige Tucker