

MINUTES OF THE MASTER OF PUBLIC HEALTH COORDINATING COMMITTEE

Date: July 13, 2011

Time/Location: Trotter Hall, Rm 112

Members Present: Cates, Choma, Kidd, Kelly, Heinrich, Larson, Montelone, Procter, Retzlaff, Stevenson

Members Absent: Fung, Kastner, McElroy

Called to Order: By director Dr. Cates at: 1:00 PM **Quorum:** X Yes No **Adjourned:** 2:45 PM

AGENDA ITEM	PRESENTATION/DISCUSSION	RECOMMENDATION/ACTION
CALL TO ORDER	Meeting was called to order by Dr. Cates	
APPROVAL OF MINUTES FROM LAST MEETING	It was moved and seconded that the minutes from the June 8, 2011 be approved as distributed.	
FACULTY ITEMS	<p>Dr. Kaczynski (Kinesiology) and Dr. Medeiros (Human Nutrition) have resigned their positions at K-State; they will depart by the end of the calendar year.</p> <p>The committee reviewed and accepted the MPH Graduate Faculty application from Dr. Laura Brannon, Psychology.</p> <p>The group suggested an orientation for MPH faculty advisors to be held in late Spring or early Summer. Another suggestion was to create an online checklist advisors could follow.</p>	<p>Send letter to Dr. Brannon with copy of MPH Graduate Handbook.</p> <p>Investigate holding an orientation for MPH faculty advisors and creating an online checklist that would be posted to the MPH website.</p>
STUDENT ITEMS	<p>Update on students on field experience (Attachment 1).</p> <p>Update on scheduled field experience/thesis exams (Attachment 2) for August graduation (Attachment 3).</p>	

AGENDA ITEM	PRESENTATION/DISCUSSION	RECOMMENDATION/ACTION
	<p>Fall semester student orientation is scheduled for Thursday, August 18 in the Mara Conference Center. The group thought the 10 to noon time frame would attract more students. A light lunch will be served. Advisors and anyone interested in the MPH Program are welcome to attend.</p>	<p>Create and distribute flyer to all students and faculty. Order lunch menu.</p>
<p>COURSE ITEMS</p>	<p>STAT 701 Fundamental Methods of Biostatistics has been approved by Faculty Senate (June 14, 2011). It is available for Fall 2011 enrollment. It will be taught all three semesters through DCE. It will be required for all students starting Fall 2011. Students already in the program who have not taken STAT 702 or 703 will be strongly encouraged to take STAT 701, although they have a choice to take 701, 702 or 703.</p> <p>BS/MPH option. The group discussed the topic of approved courses for the BS/MPH. The MPH Director will work with emphasis area faculty to resolve any questions in the future.</p>	<p>Update MPH website and MPH Graduate Handbook.</p> <p>Public Health Nutrition will review list of approved electives.</p>
<p>PROGRAM RELATED ITEMS</p>	<p>Update on applications (Attachment 4).</p> <p>Discussed the needed seats in each core course and the bottle neck created by KIN 818 only offering 25 seats per year; which led to a discussion concerning limits on enrollment because students need to be able to take all core courses within their first year of classes. It was suggested that we should consider limiting enrollment incrementally, such as with international students.</p> <p>At this time we do not want to limit enrollment and as a partial solution, students will be allowed to enroll in PRVM 818 (online) taught at KU. It is essential the same course.</p> <p>As a review, discussed application process and how it flowed from the Graduate School to the MPH Office to the emphasis area coordinating committee members back to the Graduate School and notification of the student. (Attachment 5) During the Graduate School's peak admittance time, it can be up to 6 weeks before they are notified.</p>	<p>Encourage students to take core classes within their first year (3 semesters) of enrollment</p> <p>Continue to request the resources needed to offer enough seats each year for incoming and existing students.</p> <p>Notify student when we recommend admittance to the MPH program, assign an advisor and send to the Graduate School, remind them that the official acceptance letter comes from the Graduate School and Dean Shanklin.</p>

AGENDA ITEM	PRESENTATION/DISCUSSION	RECOMMENDATION/ACTION
	<p>Discussed NEW GRE test. Two emphasis areas require test. Dr. Cates completed an analysis of those that have graduated and there is no correlation between the GRE score and the MPH GPA (Attachment 6). We like to see GRE scores for international students because it is a good indicator of the academic ability.</p> <p>Update on Travel Awards (Attachment 7).</p> <p>Approved use of new Field Experience Form. It is a combination of both forms and the last page is for signatures. In addition to signatures from student, preceptor, major professor and MPH Program Director; all faculty program committee members will also sign (Attachment 8).</p> <p>The proposed “Field Experience Paper and Capstone Assignment Instructions” outlined by Dr. Heinrich was not discussed because we ran out of time (Attachment 9). It will be placed on the agenda for next month.</p> <p>Dr. Retzlaff passed out a final draft of the revised required and elective courses mapped to competencies for the Food Safety/Biosecurity emphasis area (Attachment 10).</p>	<p>The GRE will still be listed as required for admission but no score will be listed. It will be required for all international students.</p> <p>Make new Field Experience Form pdf fillable and post to website.</p> <p>Agenda item for next month: Proposed “Field Experience Paper and Capstone Assignment Instructions.”</p> <p>Revised courses (required and electives) will need to be approved by MPH faculty, Graduate School and Faculty Senate.</p>
<p>ACCREDITATION ITEMS</p>	<p>The group reviewed and discussed MPH Core Competencies from last month and some edits were suggested. The edits will be made and sent out for review. Once the core competencies are agreed upon by all, they should be incorporated into course syllabi, placed on website, and Student Assessment Form should be designed around them.</p> <p>Discussed graduate committee members desire to see final grades of students before the MPH final exam presentation and assessment. This would help the graduate committee address the students’ knowledge in the core competencies. A discussion followed and led to a discussion of faculty access in iSIS. Some faculty members are only able to see their advisees and NOT those of the students whose committees they serve on. Others can only see the courses they teach. Someone suggested that the</p>	<p>Update MPH Core Competencies and send them out for review.</p> <p>Research how access is given to faculty for iSIS and what they can see if they are an advisor vs. instructor vs. faculty member.</p>

AGENDA ITEM	PRESENTATION/DISCUSSION	RECOMMENDATION/ACTION
	MPH Program Office could send out grades to committee members and the group was reminded that due to privacy issues sensitive student information should not be e-mailed.	
OTHER		
FUTURE MEETING(S)	August 10, 2011 at 1:00 to 2:30 PM September 14, 2011 at 1:30 to 3:00 PM October 12, 2011 at 1:30 to 3:00 PM November 9, 2011 at 1:30 to 3:00 PM December 14, 2011 at 1:30 to 3:00 PM January 11, 2012 at 1:30 to 3:00 PM	247 Leadership Studies 112 Trotter Hall 247 Leadership Studies 112 Trotter Hall 247 Leadership Studies 112 Trotter Hall

Attachments

Attachment 1. 2011 Field Experience Students

	MPH Student	Mentor	Place/Agency
1	Bright, Allison	Kastenmayer, Dr. Rogin	National Institutes of Health
2	Chance, Heather	Bjork, Dr. Kathe	USDA, APHIS Vet Service, Fort Collins, CO
3	Dysart, Valerie	Benne, Dr. Paul	Public Health Department at Ft. Riley
4	Lawn, Rachel	Dickey, Mary (MSN)	Dali, China
5	Lopez, Tara	Benne, Dr. Paul	Public Health Department at Ft. Riley
6	Louk, Julie	Carr, Susan	Harvesters, The Community Food Network, Topeka & KC
7	Lund, Kaarin	Benne, Dr. Paul	Public Health Department at Ft. Riley
8	Pickler, Julie	Forsythe, Tamara	Apple Wellness Program, Austin, TX
9	Saathoff, Scott	Rice, Donna	Danisco, USA, New Century, KS
10	Stephen, Mellina	McPeak, Holly	HHS/OS/OASH/ODPHP, Rockville, MD
11	Stephens, Chelsea	Trevino-Garrison, Dr. Ingrid	KDHE, State Public Health Veterinarian
12	Sterneker, Kristen	Seiler, Lee Ann & Haug, Karen	Holdgman County Econ Development & Health Department
13	Weinrich, Shely	Barnard, Virginia	Riley County Extension, Manhattan, KS

Attachment 2. Scheduled Field Experience/Thesis Final Exams

	MPH Student	Date	Time	Place	Title
1	Marion, Chris	Wednesday, May 11	1:30 PM	Mosier N 202	Human-Animal Interaction at Zoological Institutions
2	Gopalakrishnan, Shweta	Thursday, May 19	10:00 AM	Coles 235	Mapping the Elements of Governance in International Health Security
3	Besenyi, Gina	Thursday, June 2	2:00 PM	Union 213	Park Environments and Youth Physical Activity: Exploring the Influence of Proximity and Features Across Kansas City, Missouri
4	Kaur, Ramandeep	Friday, July 29	8:00 AM	Mosier N202	Evaluation of a Hand Hygiene Campaign in Outpatient Health Care Clinics
5	Saathoff, Scott	Tuesday, August 9	2:00 PM	Union Rm 204	Food Defense Planning and Implementation in a Food Ingredients Manufacturing Facility
6	Ellis, Connie	Wednesday, August 10	10:00 AM	Coles 343	The Environmental, Financial and Public Health Impact of Community Cat Colonies
7	Lund, Kaarin	??, August ??			Elementary School Teachers' Perceptions of Classroom Nutrition Education and Cafeteria Food

Attachment 3. Anticipated Graduates

Anticipated August 2011 Graduates		Anticipated December 2011 Graduates	
1	Besenyi, Gina	1	Banks, Lindsay
2	Ellis, Connie	2	Boyd, Aaron
3	Gopalakrishnan, Shweta	3	Chance, Heather
4	Kaur, Ramandeep	4	Choma, Kimathi
5	Lund, Kaarin	5	Louk, Julie
6	Marion, Chris	6	Pickler, Julie
7	Saathoff, Scott	7	Stephens, Chelsea
		8	Sterneker, Kristen
		9	Weinrich, Shely

Attachments

Attachment 4. Application Update

	AY 2011	AY 2012	Notes
	Fall 2010	Fall 2011	
Certificates Admitted	4	1	1 Certificate application in process from a practicing DVM
MPH Students Admitted	19	21	
Pending Applications	0	2	
<i>Admitted to Date Subtotal</i>	23	22	
	Spring 2011	Spring 2012	
Certificates Admitted	3		
MPH Students Admitted	6		
Pending Applications	0		
<i>Admitted to Date Subtotal</i>	9		
	Summer 2011	Summer 2012	
Certificates Admitted	0		
MPH Students Admitted	11		
Pending Applications	0		
<i>Admitted to Date Subtotal</i>	11		
Total	43	22	

Attachment 5. Current Application Process

A complete application file must be received by the MPH Director before the application can be reviewed by the Coordinating Committee for admission. The following items constitute a complete application:

- **Completed application** for admission to the Graduate School and payment of fee.
- **GRE scores.**
- **Official copy of transcripts** from all universities attended. Last 60 hours of undergraduate degree reviewed and must average **3.0 or higher** on a scale of 4.0.
- **Three letters of recommendation.**
- **Narrative letter** describing objectives and emphasis area.

When the above information is received and if the minimum Graduate School requirements are met, application is sent to the requested emphasis area Coordinating Committee members for review, and if acceptable, advisor assignment.

Advisor assignment is written on the reverse side of application and signed by MPH Director. It is then sent to the Graduate School for processing and official acceptance. This can take up to 6 weeks depending on how backed up the Graduate School is on applications.

Once a copy of the official letter of acceptance signed by Dean Shanklin is received by the MPH office, an MPH acceptance letter from Dr. Cates is sent via e-mail to the student and copied to the advisor.

Application Deadlines:

Domestic students only (suggestion only, accept application after these dates)

- **1 May** – for Fall Semester enrollment
- **1 September** – for Spring Semester enrollment
- **1 February** for Summer Semester enrollment

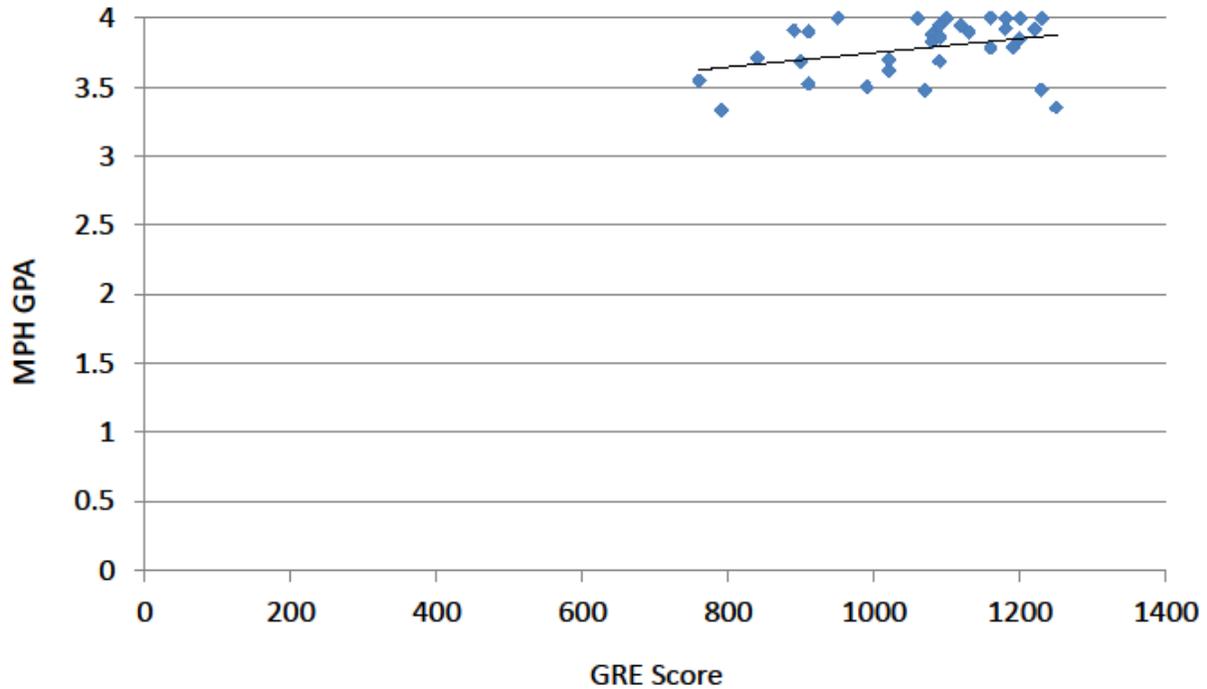
International students only (followed unless student already in US, then use domestic deadlines)

- **1 February** – for Fall Semester enrollment

Attachments

Attachment 6. Correlation between GRE Test and MPH GPA.

GRE – MPH GPA



Attachment 7. Travel Awards Summary Update

Semester	Student	MPH Travel Award K30480	International Travel Award K34270	Field Experience Site	Actual \$\$ Reimbursed To Date
Su 2010	Buffington, Rachel	\$1,000.00	\$2,500.00	Yunnan, China	\$3,500.00
Su 2010	Wheeler, Naomi	\$1,500.00		Flagstaff, AZ	\$1,500.00
	Subtotal			\$5,000.00	
S 2011	Stephens, Chelsea	\$1,000.00		Topeka, KS	\$975.04
	Subtotal			\$1,000.00	
Su 2011	Pickler, Julie	\$1,000.00		Austin, TX	
Su 2011	Lawn, Rachel		\$3,500.00	Dali, China	\$2,464.20
	Subtotal			\$4,500.00	
F 2011	Lawn, Rachel	\$1,000.00		Dali, China	
F 2011	Louk, Julie	\$1,000.00		Topeka, KS & KC, MO	
F 2011	Lopez, Tara	\$480.00		Ft. Riley, KS	
	Subtotal			\$2,480.00	
	TOTAL	\$6,980.00	\$6,000.00	\$12,980.00	\$8,439.24

Attachment 8. New Field Experience Form

Field Experience Form
Form needs approval, see Page 5

Student Information:

Name	_____	E-mail	_____
Address	_____	City, State, Zip	_____
MPH Emphasis Area	_____	Phone	_____
Emergency Contact	_____	Phone	_____
Relationship	_____	E-mail	_____

Major Professor Information:

Name	_____	Department	_____
Title	_____	Phone	_____
Campus Address:	_____		
E-mail	_____	Fax	_____

Agency Information:

Agency Name and Location	_____		
Agency Director	_____	Title	_____
Street Address	_____	Phone	_____
Website	_____	Fax	_____

Preceptor/Mentor Information:

Preceptor/Mentor Name	_____	Department	_____
Title	_____	Phone	_____
Office Address	_____	City, State, Zip	_____
Preceptor E-mail	_____	Fax	_____

Field Experience Information:

Beginning Date	_____	Ending Date	_____
Total number projected hrs	_____	Total number Field Experience credit hrs	_____

Payment Type (check all that apply):

<input type="checkbox"/> Unpaid	<input type="checkbox"/> Monthly Stipend	<input type="checkbox"/> Lump sum payment for field experience
<input type="checkbox"/> Hourly Rate	<input type="checkbox"/> Work Study	<input type="checkbox"/> Scholarship, fellowship, or traineeship
<input type="checkbox"/> Other: _____		

Attachment 8. New Field Experience Form

Field Experience Form
Form needs approval, see Page 5

Field experience is an application of knowledge in a practice setting; therefore, the preferred timing for field experience is at the end of the MPH coursework. Please list below the courses and experiences you have had that qualify you for your field experience:

Check MPH Core Courses Completed:

Biostatistics:
(STAT 701)

Environmental Health Sciences:
(DMP 806)

Social and Behavioral Sciences:
(KIN 818)

Epidemiology: (DMP 754
OR
DMP 708 and DMP 854)

Health Services Administration:
(HMD 720)

Other MPH Courses Completed:

Number and Name of
MPH Emphasis Area
Required Courses
Completed:

Number and Name of
MPH Emphasis Area
Elective Courses
Completed:

Public Health
Experience(s):

Instructions: Briefly describe your overall field experience below and what you anticipate doing/experiencing during your placement. Include details about your capstone project you expect to complete during your placement.

Scope of Work or Primary Focus:

Instructions: In consultation with your agency mentor/preceptor and major professor, determine the **Learning Objectives** for your field experience, the **Activities to be Performed** to accomplish the objectives, and the **Anticipated Products** (reports, surveys, etc.) that will be submitted to your faculty advisor and supervisory committee at the end of your field experience.

Learning Objectives:

Activities to be Performed:

Anticipated Products:

BY SIGNING THIS FORM YOU ARE AGREEING TO THE FOLLOWING:

THE STUDENT AGREES TO:

1. Consider himself/herself as an integral part of the placement agency and follow the same rules and regulations of the agency as expected of other employees.
2. Be thoroughly prepared for each task to be conducted during the placement period.
3. Consult with the faculty advisor and preceptor to determine objectives, activities, and product(s) of the field experience placement.
4. Consult with the agency preceptor and/or faculty advisor when unsure of appropriate actions needed to complete assignments.
5. Complete and forward to the faculty advisor all assignments by the written deadlines.
6. Be informed as much as possible about the agency before the placement begins.
7. Be able to articulate all of the field experience requirements, expectations, and agreements.
8. Demonstrate professional behavior in all activities of the field experience, including (but not limited to) work attendance, appointments, meetings, and discussions with all constituencies.
9. Maintain a high level of professional ethics, including complete client/program confidentiality.
10. Contact the faculty advisor by phone at least once during the field experience to provide a progress report.

11. Complete the minimum number of clock hours consistent with the number of credit hours enrolled.
12. Keep a log or journal of all activities and impressions.
13. Evaluate the field experience and the agency preceptor/mentor on the forms provided by the MPH Program Director.

THE MAJOR PROFESSOR AGREES TO:

1. Provide advice and consultation to the student in arranging a field experience placement.
2. Prior to the beginning of the field experience, assist the student in listing objectives, activities, and product(s) of the field experience.
3. Be available to provide advice and guidance to the student through telephone contact or email in response to reports.
4. Confer with the student whenever a potential problem needs resolving.
5. Provide academic resources as needed.
6. Remove the student if the preceptor/mentor deems that either the student or the agency setting is inappropriate.
7. Assist the field experience placement agency and its employees in any way possible to enhance the total educational effort for the student.

THE PRECEPTOR/MENTOR AGREES TO:

1. Prior to the beginning of the field experience, assist the student in listing objectives, activities, and product(s) of the field experience.
2. Explain the organization and function of the agency.
3. Orient the student to the policies and procedures of the agency.
4. Introduce the student to representatives of other community agencies where relevant.
5. Supervise the student during planning and implementation of activities.
6. Invite the student to agency and interagency meetings.
7. Provide a model of professional work habits and attitudes.
8. Evaluate student performance on forms provided.

THIS AGREEMENT MAY BE TERMINATED FOR ANY OF THE FOLLOWING REASONS:

1. Any illness or other unexpected events that necessitate the student's absence for a period of time that is detrimental to the agency or student.
2. Any action by the agency that is detrimental to the student or Kansas State University.
3. Any action by the student or Kansas State University that is detrimental to the agency.

NONDISCRIMINATION AGREEMENT:

The parties agree that there shall be no discrimination on the basis of race, sex, national origin, disability, religion, age, sexual orientation, or other non-merit reasons.

LIABILITY:

Kansas State University provides coverage under the Kansas Tort Claims Act (up to \$500,000) for students participating in the MPH field experience requirement as unpaid or part-time employees for a host agency. The coverage will apply to claims arising out of injury or damage sustained by a third party while the student is acting within the course and scope of the assigned duties of their field experience placement. Students who wish to obtain additional coverage may do so at their own expense. The host agency will provide liability coverage for KSU students participating in the MPH field experience requirement as full-time employees of the host agency. Students enrolled in the MPH Program at KSU must maintain health insurance coverage for the duration of their programs.

Signatures:

MPH Student
Signature: _____ Date: _____
Type Name: _____

Agency Preceptor/
Mentor Signature: _____ Date: _____
Type Name: _____

Major Professor
Signature: _____ Date: _____
Type Name: _____

Committee Member
Signature: _____ Date _____
Type Committee
Member Name: _____

Committee Member
Signature: _____ Date _____
Type Name: _____

Committee Member
Signature: _____ Date: _____
Type Name: _____

MPH Program
Director: _____ Date: _____
Type Name: _____

➔ NOTE: BEFORE you begin your field experience this form must be approved by the MPH Program Director and turned into the MPH Program Office, Kansas State University, 311 Trotter Hall, Manhattan, KS 66506

Attachment 9. Field Experience Three-Part Report/Paper and Capstone Assignment Instructions

Instructions: You are expected to submit each component of the field experience report/paper during your experience. It is expected that you will divide your field experience into three segments of about 160 hours, 320 hours and 480 hours and write at each of these times. As you reach the 480 hours you should be submitting your last and third part of the report/paper at the end of your experience. Questions are provided to focus each part.

Guide for the Report/Paper: Unless otherwise instructed by your major professor and committee, follow the style guide for a thesis as outlined by the Graduate School. After your field experience report/paper are finalized and accepted by your major professor and committee, submit an electronic copy in Word and PowerPoint to the MPH Program Office. The MPH Program Office will make the PDFs and post your report and slides to K-REx.

Critical Thinking Elements	Critical Thinking Questions to Address:	Expected Outputs
Part 1: DEADLINE 160 hours or 4 weeks Due: XXXXXX		
<ul style="list-style-type: none"> • Program Planning for Your Field experience • Grounding in public health 	<ul style="list-style-type: none"> A. Who is/are your target population(s) and what are the needs of the population(s) that your field experience is addressing? B. What resources are available to address those needs? C. What are the goals and objectives for your field experience activities? D. What has previous research found for your population and their relevant needs? E. Where does your field experience work fit into public health practice and discipline? For example, which public health content areas and competencies are relevant? And which of the three public health functions and 10 essential services are applied? F. What theory or model seems the most applicable to your field experience? 	<ul style="list-style-type: none"> 1. Logic Model 2. Narrative explanation of model 3. Program plan 4. Evaluation plan 5. Background literature review 6. Narrative of public health relevance 7. Identification and explanation of relevant theory or model
Part 2: DEADLINE 320hours or 8 weeks Due: XXXXXX		
<ul style="list-style-type: none"> • Program Implementation • Application of learning to practice • Program Evaluation 	<ul style="list-style-type: none"> G. What activities are you doing in your field experience? H. What is the range of public health skills, policies, disease patterns, determinants of health, and/or practical programs that are you being exposed to? I. What public health knowledge, concepts, models, theories, research strategies, impact, and/or frameworks are you applying to your field experience and in public health practice? J. What process evaluation data are you collecting? What is working well? What might you do differently next time? K. What baseline data are you collecting to gauge the impact of your activities? L. What have you learned so far from/about the target population? 	<ul style="list-style-type: none"> 8. Narrative of program activities 9. Explanation of public health relevance of field experience activities 10. Further explanation of relevant theory or model in practice 11. Methods section detailing the population, measures, and procedure for your field experience activities.
Part 3: DEADLINE 480 hours or 12 weeks Due: XXXXXX		
<ul style="list-style-type: none"> • Impact on public health agencies and programs • Explanation of results and comparisons to previous research and public health practice. • Responsibility to continue public health service 	<ul style="list-style-type: none"> M. What effects has your field experience had on your target population(s), field experience agency, and/or program that you are working at and how are you assessing your impact? N. What do your evaluation results mean and how do they compare to previous public health research and practice with similar populations? O. What are the limitations for your field experience? P. What would be the next few useful/appropriate steps, tasks, or measurements to carry out future public health work & service at your field experience site? (Imagine if you were hired as an employee to work at your field experience site, what you would do next to carry on useful public health work for your agency.) 	<ul style="list-style-type: none"> 12. Results section detailing the descriptive data for your field experience setting, process and outcome/impact evaluation data, and proposed statistical analyses. 13. Discussion section explaining your results, especially in the context of your chosen public health theory or model; comparisons to previous research. 14. Limitations section for discussion 15. Recommendations for future research and practice with the target population(s).

Attachment 10. Food Safety and Biosecurity Emphasis Area Courses

Core Courses				Competencies	Cr Hrs
Food Safety and Biosecurity	FDSCI 730	Multidisciplinary Overview of Food Safety and Security	2	Describe the challenges and solutions for food safety, biosecurity, and defense issues in the food production continuum.	2
Threats to the Food System (Choose 1 Course)	FDSCI 607 OR FDSCI 600	Food Microbiology OR Microbiology of Food <i>(BIOL 455 General Microbiology)</i>	4 OR 2	Categorize specific threats to the food system and scientifically identify how each can be prevented, controlled, and/or mitigated in the food production system	2 or 4
	FDSCI 713	Rapid Methods and Automation in Microbiology <i>(Food Microbiology Course)</i>	2		
	FDSCI 750 OR FDSCI 915	Food Toxicants OR Food Toxicology <i>(Food Microbiology course)</i>	2		
Risk Assessment and Management	FDSCI 690	Principles of HACCP <i>(BIOL 198 & CHM 110)</i>	2	Identify and categorize risks in the food system; Describe approaches to assessing and managing risk in the food system.	7-8
	OR FDSCI 791	OR Advanced Applications of HACCP Principles <i>(FDSCI 690)</i>	OR 3		
	FDSCI 731	Food Protection and Defense - Essential Concepts	2		
	DMP 845 OR DMP 855	Food Safety Risk Analysis OR Disease Detection, Surveillance, and Risk Assessment	3		
Food Safety Policy and the Global Food System (Choose 2 Courses)	DMP 816	Trade and Agricultural Health	2	Describe how food safety and biosecurity policies, globalization, and international trade influence public health.	3-6
	DMP 844	Global Health Issues	3		
	DMP 875	Food Safety, Trade, Law, and Regulation	3		
	DMP 835	Food Safety Policy and Politics	3		
	DMP 888	Globalization, Cooperation, and Food Trade	1		
Effective Communication (3 credit hour minimum)	DMP 858	Food Safety Culture and Communication	3	Develop and illustrate effective strategies to communicate public health/food safety issues to a variety of audiences	3
	DMP 815	Multidisciplinary Thought and Presentation	3		
	DMP 880	Scholarship in a Busy Age	2		
	MC 740	Colloquium in Mass Comm.: Health Comm. Campaigns	1-3		
	MC 740	Colloquium in Mass Comm.: Risk Communication	1-3		

(pre-requisite courses)

Courses that are pending approval

LAST UPDATED 7/8/2011

Any course listed above not taken as part of the core requirements can be taken as a highly prescribed elective course. Additional electives are listed below.

TOTAL

17-22

Attachment 10. Food Safety and Biosecurity Emphasis Area Courses

Elective Courses

In addition to the above, students must select their remaining courses from the following or other courses as approved by the major advisor:

FDSCI 501	Food Chemistry (3)
FDSCI 695	Quality Assurance of Food Products (3)
FDSCI 727	Chemical Methods of Food Analysis (2)
FDSCI 728	Physical Methods of Food Analysis (2)
FDSCI 751	Food Laws and the Regulatory Process (2)
FDSCI 753	Risk Assessment for Food, Ag, & Vet Med (3)
FDSCI 810	Fermented Foods (2)
FDSCI 815	Advanced Food Chemistry (3)
FDSCI 820	Advanced Food Microbiology & Biotechnology (2)
AGEC 710	Comparative Food and Agriculture Systems (3)
AGEC 805	Agricultural Marketing (3)
AGEC 810	Price, Income, and Trade Policies in Agriculture (3)
STAT 704	Analysis of Variance (2)
STAT 705	Regression and Correlation Analyses (2)

These electives have additional pre-requisite courses that are NOT part of the MPH core or emphasis area required courses.