



DO NOT TYPE IN THIS BOX
Bulletin #: _____
Academic Year: _____

FLORIDA INTERNATIONAL UNIVERSITY GRADUATE PROGRAM PROPOSAL

Changes to a Graduate Track

(Refer to [FIU Policy 350.010 New Degree Program Planning and Authorization](#))

INSTRUCTIONS: Please Type. Fill out this form **completely**.

School/College _____

Div./Dept. _____

Track Name: _____

Degree Name: _____

M.A. M.S. Ph.D. Other _____

Proposed Implementation Date: _____

PROPOSAL REQUESTED BY:

Faculty Contact _____ / _____ /20_____

(Type Name) (Signature)

(Email address) (Phone Number)

Chair (Dept./Div.) _____ / _____ /20_____

(Type Name) (Signature)

Chair (Curr. Comm.) _____ / _____ /20_____

(Type Name) (Signature)

College/School Dean _____ / _____ /20_____

(Type Name) (Signature)

NO HEARING REQUIRED. PLEASE SUBMIT ORIGINAL FORM.

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Academic Year: _____

CHANGES TO GRADUATE TRACK
PLEASE SUBMIT THIS FORM WITH YOUR PROPOSAL

Please fill out the coversheet in its entirety.

Include a brief rationale for the change in the track

The proposal must include the following elements using the current graduate catalog:

- I. List the old track's prescribed courses, other requirements, credits, and page number (left column)
- II. List the new track's prescribed courses, other requirements, and credits (**right column, use red font to denote additions to text and strikethrough feature to denote deletions**)

Complete the checklist that begins on the following page.

	YES	NO	N/A
1. Do all courses exist in the current catalog?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. If courses are not in the current catalog, are they proposed in the same Curriculum Committee bulletin as this proposal?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. If courses are not in the current catalog or proposed in this same bulletin, were they approved in a previous curriculum bulletin?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<ul style="list-style-type: none"> • If yes, attach a separate sheet indicating each course number, name, bulletin number, and bulletin date. • If the answers to 1, 2, and 3 are no, do not submit the proposal. Address the course issues first. 			
4. Do courses listed have the correct course prefixes, official titles, course numbers, and number of credits?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Do course descriptions match the existing catalog or proposed course descriptions?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Are all courses to be added or changed taught in the same proposing department?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<ul style="list-style-type: none"> • If the answer to 6 is no, do you have written approval/acknowledgment of the other department(s)? The written acknowledgment(s) must be attached. (You must have written approval before submitting this document.) 			
7. Are all courses to be deleted taught in the same proposing department?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<ul style="list-style-type: none"> • If the answer to 7 is no, provide evidence that the unit from where the course originated was notified of the course deletion. 			
8. Have you contacted the Office of Academic Planning and Accountability to determine if the proposed track is a substantive change that requires notification or a prospectus to be submitted to the Southern Association of Colleges and Schools Commission on Colleges (SACSCOC)? Please do so prior to submitting this form if you answer yes to any of the questions below.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

	YES	NO	N/A
- Will significant additional equipment be needed to deliver the revised track?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
- Will significant additional facilities be needed to deliver the revised track?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
- Will significant additional financial resources be needed to deliver the revised track?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
- Do the proposed changes to this track significantly change the content required for the academic program? (Significant is defined as equal to or greater than 25% new content.)			
o Changing 25% or more of the content of an existing degree constitutes a “significant departure” from the institution’s existing programs and requires SACSCOC notification (or approval) prior to implementation. If the proposed changes to this track will necessitate the creation of 25%-100% new content for the academic program, this will constitute a substantive change. Whether to notify or to seek approval from SACSCOC depends on the amount of new content required. In changing this track, how much new content will be required for the program? (Please check the appropriate percent range below.)			
<input type="checkbox"/> 25%-49% of the program’s content, which requires notification to SACSCOC prior to implementation			
<input type="checkbox"/> 50% or more of the program’s content, which requires SACSCOC approval prior to implementation; approval must be obtained according to SACSCOC deadlines)			
- Will a significant number of new faculty members be required to deliver the revised track?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
- Will significant additional library/learning resources be needed to deliver the revised track?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

- | | YES | NO | N/A |
|---|--------------------------|--------------------------|--------------------------|
| <ul style="list-style-type: none"> - Will the proposed changes to this track result in 25% or more of the program being offered at a new location geographically apart from the main campus? (If yes, please check the appropriate percent range below.) <ul style="list-style-type: none"> <input type="checkbox"/> 25%-49% of the program will be offered at a new location, which requires notification to SACSCOC prior to implementation <input type="checkbox"/> 50% or more of the program will be offered at a new location, which requires SACSCOC approval prior to implementation; approval must be obtained according to SACSCOC deadlines) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <ul style="list-style-type: none"> - Will the revised track enter into a collaborative academic arrangement that includes the initiation of a dual academic program with another institution? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <ul style="list-style-type: none"> - Will the revised track enter into a contract by which an entity not eligible for Title IV funding offers 25% or more of the program (e.g., international university)? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

Biostatistics

Zoran Bursac, *Professor and Chair*
 Changwon Yoo, *Associate Professor*
 Boubakari Ibrahimou, *Assistant Professor*
 Tan Li, *Assistant Professor*
 Emir Veledar, *Courtesy Associate Professor*

The Department offers a major in Biostatistics for the College's MPH degree, which covers basic applied biostatistics especially as required for public health and community health research and practice.

MPH in Biostatistics

Biostatistics is a field that facilitates the conduct of health and medical research through a focus on designing sound experiments and studies relevant to human health and through the process of collecting, managing, analyzing and interpreting data. Biostatisticians collaborate in the identification and refinement of important research questions and in the methods and procedures required to obtain high quality and reliable answers to these questions. There remains a shortage of professional biostatisticians and the field provides meaningful and rewarding careers for those interested and able to go down this path.

Admission Requirements

Applicants must meet the University's general graduate admission requirements:

1. A Bachelor's degree or equivalent from an accredited college or university or, in the case of foreign students, an institution recognized in its own country as preparing students for further study at the graduate level.
2. A minimum 3.0 GPA on the last 60 under-graduate hours. In addition, applicants are required to submit 1) a current resume; and 2) a written statement of purpose (career goals). Applicants are also encouraged to submit three letters of recommendation.
3. International graduate student applicants whose native language is not English are required to submit a score for the Test of English as a Foreign Language (TOEFL) or for the International English Language Testing System (IELTS). A total score of 80 on the iBT TOEFL or 6.5 overall on the IELTS is required. Students with diverse backgrounds are encouraged to apply.
4. Submission of official GRE scores. Scores must be less than 5 years old.
5. Preference will be given to applicants having completed coursework in mathematics through calculus.
6. Applicants with MCAT or DAT scores, or PhD degrees, practicing physicians, dentists, or pharmacists or individuals with equivalent background who meet all other departmental requirements (including their verified degrees and institutions from US or abroad by WES) are not required to submit a GRE, or equivalent, standardized test score.

MPH Core Curriculum: (15 credits)

PHC 6000 Epidemiology I: Introduction to Public Health Epidemiology 3

PHC 6065	Public Health Statistics	3
PHC 6102	Introduction to Public Health Policy and Management	3
PHC 6315	Introduction to Environmental Health Sciences	3
PHC 6410	Health Behavior and Public Health	3

Major in Biostatistics: (15 credits)

PHC 6055	Data Management and Applied Epidemiologic Analysis	3
PHC 6064	Model for Binary Public Health Outcomes	3
PHC 6190	Biostatistical Methods for Survey Research	3
PHC 6091	Biostatistics 2	3
PHC 7719	Quantitative Multivariate Analysis in Health Sciences Research	3

Electives for Biostatistics: (9 credits)

PHC 6056	Longitudinal Health Data Analysis	3
PHC 6059	Cohort Studies and Lifetime Events in Public Health	3
PHC 6086	Cluster Analysis for Public Health	3
PHC 6067	Probabilistic Graphical Models	3
PHC 6907	Independent Study: Public Health	3
PHC 7050	Advanced Biostatistics I	3

Practicum and Culminating Experience: (6 credits)

PHC 6945	Practicum in Public Health	3
PHC 6930C	Integrative Seminar in Public Health	3

PHC 6945 (Practicum) and PHC 6930C (culminating experience) are both required for all MPH students. The Practicum may be taken after completing a minimum of 30 hours, including all core courses. The Practicum may be waived if the student has at least 3 years of relevant practice experience working in a public health practice setting. The waiver request is prepared and submitted by the student, through their Faculty Advisor and Department Chair, for final approval/disapproval by the Academic Public Health Director. If the Practicum requirement is waived, the student will need to substitute 3 additional approved hours so that the total curriculum hour requirement of 45 is met. MPH students are expected to complete PHC 6930C Integrative Seminar in Public Health during their last semester in the program.

For additional and updated information about degrees offered, entrance requirements, and services, please visit the College's website: <http://stempel.fiu.edu>.

MPH Core Curriculum: (15 credits)			MPH Core Curriculum: (15 credits)		
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PHC 6065	Public Health Statistics	3	PHC 6065	Public Health Statistics	3
PHC 6102	Introduction to Public Health Policy and Management	3	PHC 6102	Introduction to Public Health Policy and Management	3
PHC 6315	Introduction to Environmental Health Sciences	3	PHC 6315	Introduction to Environmental Health Sciences	3
PHC 6410	Health Behavior and Public Health	3	PHC 6410	Health Behavior and Public Health	3
Major in Biostatistics: (15 credits)			Major in Biostatistics: (15 credits)		
PHC 6055	Data Management and Applied Epidemiologic Analysis	3	PHC 6055	Data Management and Applied Epidemiologic Analysis Using SAS/SPSS	3
PHC 6064	Model for Binary Public Health Outcomes	3	PHC 6064	Model for Binary Public Health Outcomes Applied Statistical Methods For Discrete Data	3
PHC 6190	Biostatistical Methods for Survey Research	3	PHC 6190	Biostatistical Methods for Survey Research	3
PHC 6091	Biostatistics 2	3	PHC 6091	Biostatistics 2	3
PHC 7719	Quantitative Multivariate Analysis in Health Sciences Research	3	PHC 7719	Quantitative Multivariate Analysis in Health Sciences Research	3
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PHC 6059	Cohort Studies and Lifetime Events in Public Health	3	PHC 6059	Cohort Studies and Lifetime Events in Public Health	3
PHC 6086	Cluster Analysis for Public Health	3	PHC 6086	Cluster Analysis for Public Health	3
PHC 6067	Probabilistic Graphical Models	3	PHC 6067	Probabilistic Graphical Models	3
PHC 6907	Independent Study: Public Health	3	PHC 6907	Independent Study: Public Health	3
PHC 7050	Advanced Biostatistics I	3	PHC 7050	Advanced Biostatistics I	3
Practicum and Culminating Experience: (6 credits)			Practicum and Culminating Experience: (6 credits)		
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