
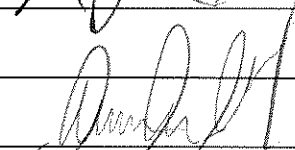
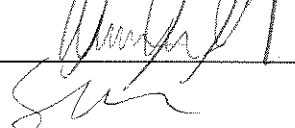



College of Public Health Curriculum Approval Tracking Form

Item	Type		Delivery		
	New	Revised	Online*	Blended	Live
Course					
Concentration					
Certificate	✓		✓		
Program/Degree					

Justification Statement: *If you are creating a new online component or making a substantive change that moves an on campus component to online you must complete the justification statement below.

Justification Statement (for online components only):

Date	Action	Signature
3/10/18	Approved by Associate Dean of Academics	
	Approved by Chair of Department Curriculum Committee	
	Approved by Chair of Department	
3/7/18	Approved by Chair of COPH Curriculum Committee	
	Sent to USF Graduate Studies Curriculum Committee	

Comments: _____

Curriculum Committee will not act on any proposal without this form attached. The COPH Academic and Student Affairs team will make the appropriate copies and electronically deliver the documents to USF Graduate Studies. At that time the documents will be entered into Share Point and tracked electronically.



Graduate Curriculum Approval Form New Graduate Certificate Proposal

Name of Graduate Certificate
CIP Code
Proposed Effective Term (e.g Fall 2018)

Assessing Chemical Toxicity and Public Health Risks
51.2201
Fall 2018

Contact Information	Name	Phone	Email	Location	Mail Point
Grad Cert Director	Steve Mlynarek	813-974-6628	smlynare@health.usf.edu	COPH	MDC 56
Advisor	Marie Bourgeois	813-974-6633	mbourgeo@health.usf.edu		MDC 56
Admin Asst.					

APPROVALS	Name	Signature	Action	Date
Dept. Chair	THOMAS KUNASCH		<input checked="" type="checkbox"/> Approve <input type="checkbox"/> Not approved <input type="checkbox"/> Comments attached	3/7/18
School Committee Chair (if applicable)			<input type="checkbox"/> Approve <input type="checkbox"/> Not approved <input type="checkbox"/> Comments attached	
College Committee Chair (if applicable)	Steve Mlynarek		<input checked="" type="checkbox"/> Approve <input type="checkbox"/> Not approved <input type="checkbox"/> Comments attached	3/7/18
College Dean/ Associate Dean	Kay Perrin		<input checked="" type="checkbox"/> Approve <input type="checkbox"/> Not approved <input type="checkbox"/> Comments attached <input type="checkbox"/> Not Applicable <input type="checkbox"/> Concur <input type="checkbox"/> Doesn't concur <input type="checkbox"/> Comments attached	3/12/18
Concurrence*	Dept: Chair:		<input type="checkbox"/> Approve <input type="checkbox"/> Not approved <input type="checkbox"/> Tabled <input type="checkbox"/> Comments	
Grad Council		Graduate Studies	<input type="checkbox"/> Approve <input type="checkbox"/> Disapprove	

Academic Requirements:

Total Credit Hours Required	13
Target Implementation Date	Fall 2018
Time limit for Completion	2 years
Expected Enrollment	15 – 20 annually

CURRICULUM – list required courses.

Prefix/Number	Title	Credits	Faculty Member	Delivery Method	Required or Elective	New or Existing	Part of Other Grad Cert?	Part of a Major?
PHC 6353	Environmental Toxicology & Risk Assessment	3	Harbison	online	R	E	N	Y
PHC 6373	Bioterrorism & Biodefense	3	Harbison	online	R	E	N	N
PHC 6934	Hazardous Materials of the Workplace	3	Harbison	online	R	E	N	N
PHC 7931	Case Studies in EOH	3	Harbison Bourgeois	online	R	E	N	N
PHC 7931	Advanced Interdisciplinary Seminar Public Health	1	varies	online	R	E	N	N

Course Location /Delivery:
online

Brief Description (give highlights about the Certificate; value added; etc.)

The online Assessing Chemical Toxicity and Public Health Risks Graduate Certificate is designed to introduce post-baccalaureate students to fundamental concepts in the discipline of chemical toxicity and public health risks as they are applied in related professions. This certificate program will advance the knowledge of current professionals in fields related to occupational health and environmental health, and will prepare students with the intention of pursuing a graduate level degree in these fields. Students will apply concepts in chemistry, toxicology and hazardous materials to issues of occupational and environmental health regulations, hazardous materials safety, chemical related illness, and risk analysis.

Credit toward graduate major: Up to 12 hours of graduate courses for a certificate may be applied to a graduate major with departmental approval.

Transfer Credit: Non-degree seeking students and transfer students may apply one graduate course to a Graduate Certificate with department approval.

Standardized Tests: International students must submit a TOEFL score when English is not the native language. A minimum score of 550 on the paper-based test or 79 on the web-based test is required.

Admission Requirements:

Degree: Applicants must hold a bachelor's degree in a science-based field (e.g. life science, natural science, and engineering) from a regionally accredited institution with a minimum 3.0 GPA.

GPA: 3.0 GPA

Pre-requisite courses (list specific course or a certain number of credits in a discipline): one course undergraduate level chemistry.

Application Process:

- x Official Transcripts
- x Resume
- x Letter of Interest
- Other

Registration Process:

- First, consult with the Certificate Advisor and obtain an electronic course permit if necessary. Then go to www.bit.ly/USF-oasis, the link to OASIS, USF's on-line registration system.
- Follow directions given online.
- To access online course materials, students must have the USF NetID (e-mail account).
- Please visit: www.bit.ly/USF-ID to obtain the NetID.
- New Students, including those studying online, may obtain the USF Card
- Please visit www.bit.ly/USF-card to obtain the USFCard

Tuition and Fees: (text for this area will be inserted based on the type of certificate selected from the drop-down list below)

Financial Aid: Non-degree seeking students are not eligible for financial aid. Please contact private lenders for information on the types of student loans available.

JUSTIFICATION

Purpose: Describe the nature of the graduate certificate program, its primary goals, why it is needed and how it is unique.

In the context of protecting public health, risk assessment is the process of characterizing the nature and likelihood of a harmful effect to individuals or populations from certain human activities. Human and environmental health risk assessments utilize both qualitative and quantitative metrics. Education of public health professionals in the potential impact of chemical toxicity on human and environmental health contributes to the prevention and control of adverse outcomes.

Benefits: Describe how this graduate certificate will benefit students, the department, the university and the community
Our College of Public Health was created by state legislators for the purpose of training the Public Health workforce and protecting and improving the Public Health of the population. The Risk Assessment certificate provides training for both graduate students enrolled at USF and professionals interested in advancing their education. The curriculum will meet the mandate of the legislature focusing on training students to identify, evaluate, and manage environmental risks for protection of the University of South Florida assume a leadership role within the public health system through the development of academic programs intended to meet this state's unique health care, environmental, economic, political, and social service needs of Florida's environment and public health as intended, "The Legislature intends that the College of Public Health".

Marketing/Outreach: Describe your target market.

Students seeking competence to conduct and critically review risk assessments for compliance with state and federal regulations. Those already employed in environmental permitting and compliance seeking additional expertise for career advancement.

Competition: List other schools where a similar program is offered and how the courses are delivered, i.e. traditional, partially online, fully online, alternative calendar, etc.

University	Location	Name of Grad Cert	Delivery Method
American Military University	Virginia	Environmental Risk Assessment	online
Univ of Illinois Springfield	Illinois	Environmental Risk Assessment	Live and online
Boston University	Boston, MA	Online Enterprise Risk Management	online
NC State Univ	Raleigh, NC	Environmental Assessment	online

Funding: On a separate sheet, detail costs associated with the start-up and operation of the proposed graduate certificate (faculty, staff, equipment, space etc.). Attach a letter of resource support from your department chair/college dean to the signed proposal.

There are no costs associated with the program. The courses are already being taught.

Once College has approved, scan and email this Approval Form in PDF to Graduate Studies by the deadline posted online <http://www.grad.usf.edu/graduate-council.php> . For questions, contact cdh@usf.edu

Assessing Chemical Toxicity and Public Health Risks

DESCRIPTION

The online Assessing Chemical Toxicity and Public Health Risks Graduate Certificate is designed to introduce post-baccalaureate students to fundamental concepts in the discipline of chemical toxicity and public health risks as they are applied in related professions. This certificate program will advance the knowledge of current professionals in fields related to occupational health and environmental health, and will prepare students with the intention of pursuing a graduate level degree in these fields. Students will apply concepts in chemistry, toxicology and hazardous materials to issues of occupational and environmental health regulations, hazardous materials safety, chemical related illness, and risk analysis.

COURSE LOCATION/DELIVERY

The Certificate is offered fully online

ADMISSION REQUIREMENTS

Applicants must hold a bachelor's degree in a science-based field (e.g. life science, natural science, and engineering) from a regionally accredited institution with a minimum 3.0 GPA.

APPLICATION PROCESS

To learn about the application process, and to access the application, please review our [application process](#).

PREREQUISITES

One course in college level chemistry.

REQUIREMENTS

13 credit hours

PHC 6353 - Environmental Toxicology & Risk Assessment (3)

PHC 6373 - Bioterrorism & Biodefense (3)

PHC 6934 - Hazardous Materials of the Workplace (3)

PHC 7931 - Case Studies in EOH (3)

PHC 7931 - Advanced Interdisciplinary Seminar Public Health (1)

ELECTIVES

None

TIME LIMIT FOR COMPLETION OF CERTIFICATE

Per University Policy, all Certificates have a five year time limit; however, the approximate time to complete the Certificate is two years.

CREDIT TOWARD GRADUATE DEGREE

Up to 12 hours of certificate course credits may be applied to a graduate degree with departmental approval.

STANDARDIZED TESTS

International students must submit a TOEFL score when English is not the native language. A minimum score of 550 on the paper-based test or 79 on the web-based test is required.

CONTACTS

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Graduate Certificates
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[Department Website](#)