

LSC Use Only Proposal No:
LSC Action-Date:

UWUCC Use Only Proposal No: **13-42**
UWUCC Action-Date: **APP-9/3/13** Senate Action Date: **APP-10/8/13**

Curriculum Proposal Cover Sheet - University-Wide Undergraduate Curriculum Committee

Contact Person(s) Joyce Shanty	Email Address joyce.shanty@iup.edu
Proposing Department/Unit Nursing & Allied Health Professions	Phone 724-357-3257

Check all appropriate lines and complete all information. Use a separate cover sheet for each course proposal and/or program proposal.

1. Course Proposals (check all that apply)

<input type="checkbox"/> New Course	<input type="checkbox"/> Course Prefix Change	<input type="checkbox"/> Course Deletion
<input type="checkbox"/> Course Revision	<input type="checkbox"/> Course Number and/or Title Change	<input type="checkbox"/> Catalog Description Change

Current course prefix, number and full title: _____

Proposed course prefix, number and full title, if changing: _____

2. Liberal Studies Course Designations, as appropriate

This course is also proposed as a Liberal Studies Course (please mark the appropriate categories below)

<input type="checkbox"/> Learning Skills	<input type="checkbox"/> Knowledge Area	<input type="checkbox"/> Global and Multicultural Awareness	<input type="checkbox"/> Writing Across the Curriculum (W Course)
<input type="checkbox"/> Liberal Studies Elective (please mark the designation(s) that applies – must meet at least one)			
<input type="checkbox"/> Global Citizenship	<input type="checkbox"/> Information Literacy	<input type="checkbox"/> Oral Communication	
<input type="checkbox"/> Quantitative Reasoning	<input type="checkbox"/> Scientific Literacy	<input type="checkbox"/> Technological Literacy	

3. Other Designations, as appropriate

<input type="checkbox"/> Honors College Course	<input type="checkbox"/> Other: (e.g. Women's Studies, Pan African)
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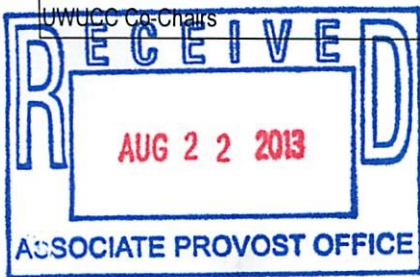
4. Program Proposals

<input type="checkbox"/> Catalog Description Change	<input checked="" type="checkbox"/> Program Revision	<input type="checkbox"/> Program Title Change	<input type="checkbox"/> New Track
<input type="checkbox"/> New Degree Program	<input type="checkbox"/> New Minor Program	<input type="checkbox"/> Liberal Studies Requirement Changes	<input type="checkbox"/> Other

Current program name: **Clinical Laboratory Science - Bachelor of Science**

Proposed program name, if changing: _____

5. Approvals	Signature	Date
Department Curriculum Committee Chair(s)	<i>Joyce Shanty (Coordinator Allied Health)</i>	5-3-13
Department Chairperson(s)	<i>Elizabeth Palmer</i>	5-3-13
College Curriculum Committee Chair	<i>Paul Wachter</i>	5-3-13
College Dean	<i>Mary E. Suran</i>	5-3-13
Director of Liberal Studies (as needed)		
Director of Honors College (as needed)		
Provost (as needed)	<i>Timothy Monahan (cm)</i>	8/26/13
Additional signature (with title) as appropriate	<i>Gail Schriest</i>	9/3/13



Received
MAY 8 2013
Liberal Studies

2. Summary of changes:

a. Table comparing old and new programs

Current Program:

Bachelor of Science—Clinical Laboratory Science

Liberal Studies: As outlined in Liberal Studies section with the following specifications: **Credits** 44
Mathematics: MATH 217
Natural Science: Chem 111-112
Writing Intensive: one required
Liberal Studies Electives: 3cr, PHYS 111, no course with MEDT prefix

Major: 32

Required Courses: (1)
 MEDT 494 Clinical Microbiology 8cr
 MEDT 495 Clinical Chemistry 10cr
 MEDT 496 Clinical Hematology/Coagulation 6cr
 MEDT 497 Clinical Immunohematology 4cr
 MEDT 498 Clinical Immunology/Serology 2cr
 MEDT 499 Clinical Seminar 2cr

Other Requirements: 38

BIOL 111 Principles of Biology I 4cr
 BIOL 150 Human Anatomy 3cr
 BIOL 151 Human Physiology 4cr
 BIOL 250 Principles of Microbiology 3cr
 BIOL 364 Immunology 3cr
 CHEM 231 Organic Chemistry I 4cr
 CHEM 232 Organic Chemistry II 4cr
 CHEM 323 Analytical Methods 4cr
 CHEM 351 Biochemistry 4cr
 PHYS 121 Physics I Lab 1cr
 PHYS 112 Physics II Lecture 3cr
 PHYS 122 Physics II Lab 1cr

Free Electives: 6

Total Degree Requirements: 120

(#) See advisory paragraph “Timely Completion of Degree Requirements” in the section on Requirements for Graduation.
 (1) These courses are offered by affiliating, hospital-based Schools of clinical laboratory science (also known as medical technology). Areas of study are consistent with requirements of the National Accrediting Agency for Clinical Laboratory Sciences and are completed during the final 12 months of the degree program at an affiliating school.

Proposed Program:

Bachelor of Science—Clinical Laboratory Science

Liberal Studies: As outlined in Liberal Studies section with the following specifications: **Credits** 44
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Writing Intensive: one required
Liberal Studies Electives: 3cr, PHYS 111, no course with MEDT prefix

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 PHYS 121 Physics I Lab 1cr
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Free Electives: 6

Total Degree Requirements: 120

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3. Rationale for Change

This program was revised to show the changes made by the Chemistry Department. Chem 323 Analytical Methods was changed by the chemistry department to Chem 325 Analytical Methods. Changes were approved by the Clinical Laboratory Science program directors. Emails attached.

III. Implementation

1. Current juniors took Chem 323 Analytical Methods. If they were in between semesters they were instructed to take Chem 322 Instrumental Analysis. (See attached emails). Course substitutions will be completed as needed as to not disservice any students.

Subject: RE: Chem 323
From: Theresa McCreary <TMcCrear@conemaugh.org>
Date: 01/17/13 10:58 AM
To: Joyce Ann Shanty <joyce.shanty@iup.edu>

Joyce

I think that would be a very good chemistry option for the prospective MT students. The only specific chemistry we require is Organic Chemistry. As long as the student has a total of 16 credits in chemistry, it is not otherwise specified, but this chemistry would be an excellent option for MT students to complete the 16 chemistry credits.

Theresa McCreary MS,MT(ASCP)SH
Program Director
Medical Technology Program
tmccrea@conemaugh.org
O: (814) 534-5578
F: (814) 534-9945

Conemaugh Health Systems
1086 Franklin Street, Johnstown, PA 15905-4398
www.conemaugh.org

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From: Joyce Ann Shanty [joyce.shanty@iup.edu]
Sent: Thursday, January 17, 2013 10:37 AM
To: hbeechem@altoonaregional.org; sshriber@chmca.org; Theresa McCreary;
mewood@lancastergeneralcollege.edu; evansd@readinghospital.org; Leah.Beck@tenethealth.com;
sjohnson@svhs.org; ebeitz@susquehannahealth.org; Michele.Harms@wcahospital.org;
cdarr@wellspan.org
Cc: Long, George R
Subject: Fwd: Chem 323

Program Directors,

The Chemistry Department at IUP will not be offering the Analytical Methods course any longer as per my email dated 2/20/12. There are four students that have been caught in between the curriculum change. As a substitute for those students this spring 2013 semester, they will be offering the attached course. Please review and let me know if this will meet your program requirements.

Joyce Shanty, PhD, RN
Coordinator, Allied Health
Indiana University of Pennsylvania

--- the forwarded message follows ---

Subject: RE: New course proposal CHEM 325 (to replace CHEM 321 and CHEM 323)
From: "BECK, LEAH <leah.beck@tenethealth.com>
Date: 02/21/12 08:22 AM
To: Joyce Ann Shanty <joyce.shanty@iup.edu>

Hello Dr. Shanty,

Thank you for your notification. So long as the students still obtain the required 16 credit hours of chemistry to include organic or biochem, we should be fine with the change :)

Thank you,

Leah Coppolino, MPH, MT(ASCP), CLS(NCA)
Director, School of Medical Laboratory Science
Education Coordinator
Department of Pathology and Laboratory Medicine
St. Christopher's Hospital for Children
3601 A St.
Philadelphia, PA 19134
215-427-5050 (p)
215-427-5511 (f)

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

From: Joyce Ann Shanty [<mailto:joyce.shanty@iup.edu>]
Sent: Monday, February 20, 2012 11:01 AM
To: jnoel@altoonaregional.org; sshriber@chmca.org; tmccrea@conemaugh.org;
mewood@lancastergeneralcollege.edu; evansd@readinghospital.org; BECK, LEAH;
sjohnson@svhs.org; ebeitz@susquehannahealth.org; Michele.Harms@wcahospital.org;
cdarr@wellspan.org
Cc: Joyce.Shanty@iup.edu; Coleen Ball
Subject: Fwd: New course proposal CHEM 325 (to replace CHEM 321 and CHEM 323)

Hi Everyone,

Our Chemisry Department is changing a few of their courses as described below. Our students are required to take CHEM 323 Analytical Methods for the CLSC program. It would change to CHEM 325 Analytical Chemistry per the proposal. I wanted to inform you of this potential change and make sure it meets your guidelines. Please let me know your thoughts.

Thanks

Joyce Shanty Phd, RN
Allied Health Coordinator
Indiana University of Pennsylvania

--- the forwarded message follows ---

Subject: RE: New course proposal CHEM 325 (to replace CHEM 321 and CHEM 323)

From: "Noel, Joseph <JNoel@AltoonaRegional.org>

Date: 02/20/12 02:19 PM

To: 'Joyce Ann Shanty' <joyce.shanty@iup.edu>

Hi Joyce

I am OK with the change as long as the students meet the core requirements:

Application Requirements

Graduation from an accredited high school or equivalent.

Three years (90 semester hours or 135 quarter hours) of college work at any accredited college or university, to include:

Sixteen (16) semester hours or twenty-four quarter hours of biology credit, including a course in Microbiology or Bacteriology, which is acceptable toward a degree in biology

Sixteen (16) semester hours or twenty-four quarter hours of chemistry credit, including a course in Biochemistry and/or Organic Chemistry, which is acceptable toward a degree in chemistry

A minimum of one (1) semester of college mathematics

An approved course in Immunology

A grade point average of not less than 2.5 in Biology, Chemistry, Physics and Mathematics (science GPA). Preference will be given to students with a Science GPA of 3.0 or greater.

Acceptable transcript evaluation from your University/College (if applicable)

Have a great day

Joe

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

From: Joyce Ann Shanty [<mailto:joyce.shanty@iup.edu>]

Sent: Monday, February 20, 2012 11:01 AM

To: Noel, Joseph; sshriber@chmca.org; tmccrea@conemaugh.org;
mewood@lancastergeneralcollege.edu; evansd@readinghospital.org; Leah.Beck@tenethealth.com;
sjohnson@svhs.org; ebeitz@susquehannahealth.org; Michele.Harms@wcahospital.org;
cdarr@wellspan.org

Cc: Joyce.Shanty@iup.edu; Coleen Ball

Subject: Fwd: New course proposal CHEM 325 (to replace CHEM 321 and CHEM 323)

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I wanted to inform you of this potential change and make sure it meets your guidelines.

Please let me know your thoughts.

Thanks

Joyce Shanty Phd, RN
Allied Health Coordinator
Indiana University of Pennsylvania

--- the forwarded message follows ---

Subject: Re: Fwd: New course proposal CHEM 325 (to replace CHEM 321 and CHEM 323)

From: Michele Harms <Michele.Harms@wcahospital.org>

Date: 02/20/12 11:58 AM

To: Joyce Ann Shanty <joyce.shanty@iup.edu>

Joyce,
I don't see any problems with this change.
Hope all is going well,
Michele

>>> "Joyce Ann Shanty" <joyce.shanty@iup.edu> 2/20/2012 11:00 AM >>>

Hi Everyone,

Our Chemistry Department is changing a few of their courses as described below. Our students are required to take CHEM 323 Analytical Methods for the CLSC program. It would change to CHEM 325 Analytical Chemistry per the proposal.

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Please let me know your thoughts.

Thanks

Joyce Shanty Phd, RN
Allied Health Coordinator
Indiana University of Pennsylvania

--- the forwarded message follows ---

Subject: RE: New course proposal CHEM 325 (to replace CHEM 321 and CHEM 323)

From: "Beitz, Ed <ebeitz@susquehannahealth.org>

Date: 02/20/12 11:35 AM

To: 'Joyce Ann Shanty' <joyce.shanty@iup.edu>

Hi Joyce

We don't have a problem with that.

Thanks,
Ed

Edwin Beitz, MHA,MT (HHS),MLS (ASCP)
Clinical Laboratory Science Program Director, Laboratory Manager.
Williamsport Hospital, 777 Rural Ave., Williamsport, Pa. 17701
ebeitz@susquehannahealth.org
1-570-321-2367

Destiny is not a matter of chance, it's a matter of choice.

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

From: Joyce Ann Shanty [<mailto:joyce.shanty@iup.edu>]

Sent: Monday, February 20, 2012 11:01 AM

To: jnoel@altoonaregional.org; sshriber@chmca.org; tmccrea@conemaugh.org;
mewood@lancastergeneralcollege.edu; evansd@readinghospital.org; Leah.Beck@tenethealth.com;
sjohnson@svhs.org; Beitz, Ed; Michele.Harms@wcahospital.org; cdarr@wellspan.org

Cc: Joyce.Shanty@iup.edu; Coleen Ball

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Joyce Shanty Phd, RN
Allied Health Coordinator
Indiana University of Pennsylvania

--- the forwarded message follows ---

Subject: RE: New course proposal CHEM 325 (to replace CHEM 321 and CHEM 323)

From: "Wood, Marie E <mewood@lancastringeneralcollege.edu>

Date: 02/20/12 11:23 AM

To: 'Joyce Ann Shanty' <joyce.shanty@iup.edu>

Joyce - it looks great! I wish all of our academic affiliates required an analytical chemistry...it benefits the students tremendously.
Marie

Marie Wood, MS, MT(ASCP)
Program Director & Chair
Medical Laboratory Science Program
(717) 544-7208
mewood@lancastringeneralcollege.edu

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

From: Joyce Ann Shanty [<mailto:joyce.shanty@iup.edu>]

Sent: Monday, February 20, 2012 11:01 AM

To: jnoel@altoonaregional.org; sshriber@chmca.org; tmccrea@conemaugh.org; Wood, Marie E; evansd@readinghospital.org; Leah.Beck@tenethealth.com; sjohnson@svhs.org; ebeitz@susquehannahealth.org; Michele.Harms@wcahospital.org; cdarr@wellspan.org

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Joyce Shanty Phd, RN
Allied Health Coordinator
Indiana University of Pennsylvania

--- the forwarded message follows ---

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Subject: RE: New course proposal CHEM 325 (to replace CHEM 321 and CHEM 323)

From: "Darr, Carolyn <cdarr@wellspan.org>

Date: 02/20/12 11:13 AM

To: 'Joyce Ann Shanty' <joyce.shanty@iup.edu>

Joyce...as long as the new course includes the topics that you had listed (statistics, calibration methods, aqueous solution chemistry, titration methods, basic electrochemistry, optical spectroscopy, chromatography, and immunological techniques), this change is acceptable to the York Hospital CLS Program.

Carolyn

Carolyn S. Darr, M.A., MT(ASCP)
Program Director
Clinical Laboratory Science Program
York Hospital
1001 S. George St.
York, PA 17405
717.851.2473 (Phone)
717.851.2934 (FAX)
email: cdarr@wellspan.org
www.wellspan.org

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

From: Joyce Ann Shanty [<mailto:joyce.shanty@iup.edu>]

Sent: Monday, February 20, 2012 11:01 AM

To: jnoel@altoonaregional.org; sshriber@chmca.org; tmccrea@conemaugh.org;
mewood@lancastergeneralcollege.edu; evansd@readinghospital.org; Leah.Beck@tenethealth.com;
sjohnson@svhs.org; ebeitz@susquehannahealth.org; Michele.Harms@wcahospital.org; Darr,
Carolyn

Cc: Joyce.Shanty@iup.edu; Coleen Ball

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Joyce Shanty Phd, RN
Allied Health Coordinator
Indiana University of Pennsylvania

--- the forwarded message follows ---

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Subject: Re: Chem 323

From: George R. Long <grlong@iup.edu>

Date: 01/14/13 09:24 AM

To: Joyce Ann Shanty <joyce.shanty@iup.edu>, Teresa Spearman <teresa@iup.edu>

Hi Joyce,

Well this turned out to be a bigger problem than I thought. We were not able to find instructors for individualized instruction for all 4 students.

However, we will allow the students to take CHEM 322 in place of chem 323. Dr. McElroy, who is teaching the class is aware of the situation, and will compensate for any issues that arise due to students not having the prerequisite chem 321.

We will process over-rides for the students as soon as we can today or tomorrow, and they can go ahead and register.

George

On 10/10/2012 3:45 PM, Joyce Ann Shanty wrote:

*Hi George,
The following students will need individualized instruction for CHEM 323 in the Spring 2013:*

*Please let me know if you need any other information.
Thanks again for working with our students.
Joyce*

*On Fri, 05 Oct 2012 10:10:01 -0400
"George R. Long" <grlong@iup.edu> wrote:*

Hi Joyce,

I spoke with Dean Snavelly today, and she was not willing to offer CHEM 323. She will approve individualized instruction for the 4 students that need CHEM 323 this semester to move on in their program. Let me know if this is acceptable, and I will begin the process for offering CHEM 323 by individualized instruction.

George

On 10/3/2012 7:44 AM, Joyce Ann Shanty wrote:

*George,
Any word on this? I have those students that are, at this point, planning to take CHEM 323.
Thanks
Joyce*

*On Mon, 24 Sep 2012 13:37:33 -0400
"George R. Long" <grlong@iup.edu> wrote:*

The last few years we ran with 12. The class never is

financially worthwhile, that's one of the reasons we made the switch we did. We'd rather see students in the CHEM 325 (was 321) which is at 24 for this semester. We might want to get the Deans involved at this point. I know sometimes they trade off temporary compliment - maybe there is a deal they could make ? I have already let Dean Snavelly know that there is an issue regarding this course, but I don't know how much complement she has to work with.

George

On 9/24/2012 1:15 PM, Joyce Ann Shanty wrote:

*George,
How many students do you need to be able to make
it financially worth while?
Joyce*

--- the forwarded message follows ---

-- Dr. George R. Long
Professor and Chair
Department of Chemistry
Indiana University of PA
grlong@iup.edu , (724)357-2360

-- Dr. George R. Long
Professor and Chair
Department of Chemistry
Indiana University of PA
grlong@iup.edu , (724)357-2360

--
Dr. George R. Long
Professor and Chair
Department of Chemistry
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