

LSC Use Only No:	LSC Action-Date:	UWUCC USE Only No.	UWUCC Action-Date:	Senate Action Date:
		13-1830	App-4/1/14	App-4/29/14

Curriculum Proposal Cover Sheet - University-Wide Undergraduate Curriculum Committee

Contact Person <i>Joyce A. Shanky</i>	Email Address <i>Joyce.Shanky@iup.edu</i>
Proposing Department/Unit <i>NAHP/CLSC</i>	Phone <i>724-357-3257</i>

Check all appropriate lines and complete information as requested. Use a separate cover sheet for each course proposal and for each 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	
<hr/> <p><i>Current</i> Course prefix, number and full title <i>Proposed</i> course prefix, number and full title, if changing</p>	
2. Additional Course Designations: check if appropriate <input type="checkbox"/> This course is also proposed as a Liberal Studies Course. <input type="checkbox"/> Other: (e.g., Women's Studies, Pan-African) <input type="checkbox"/> This course is also proposed as an Honors College Course.	
3. Program Proposals <input checked="" type="checkbox"/> Catalog Description Change <input checked="" type="checkbox"/> Program Revision <input type="checkbox"/> New Degree Program <input type="checkbox"/> Program Title Change <input type="checkbox"/> Other <input type="checkbox"/> New Minor Program <input type="checkbox"/> New Track	
<hr/> <p><i>Clinical Laboratory Science</i> <i>Current</i> program name <i>Bachelor of Science</i> <i>Proposed</i> program name, if changing</p>	
4. Approvals	
Department Curriculum Committee Chair(s)	<i>John Lupeli</i> 3/10/14
Department Chair(s)	<i>Elizabeth Palmer</i> 2/27/14
College Curriculum Committee Chair	<i>Jan K. Wachter</i> 3/10/14
College Dean	<i>[Signature]</i> 3.14.14
Director of Liberal Studies *	
Director of Honors College *	
Provost *	<i>Trudy S. Mackler (um)</i> 3/24/14
Additional signatures as appropriate: (include title)	
UWUCC Co-Chairs	<i>Gail Sedquist</i> 4/1/14

* where applicable

Received

MAR 17 2014

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 of 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
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 202 Principles of Cell and Molecular Biology 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 325 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 of 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.

3. Rationale for Change

This program was revised to show the changes made to the Biology Department. BIOL 111 Principles of Biology was changed by the biology department to BIOL 202 Principles of Cell and Molecular Biology. Changes were approved by the Clinical Laboratory Science program directors. Emails available.

III. Implementation

- 1. Biology will be implementing in Fall 2014. Students who need to repeat BIOL 111 will be able to take BIOL 202 as a course substitution.**

Subject: RE: Biology Curriculum Changes**From:** Theresa McCreary <TMcCrear@conemaugh.org>**Date:** 09/23/13 06:46 AM**To:** Joyce Ann Shanty <joyce.shanty@iup.edu>

Joyce

I looked over the curriculum change. I don't see a problem, let me know if anyone thinks otherwise and if this will be adopted.

Thanks

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

EXCELLENCE. EVERY PATIENT. EVERY TIME.

This electronic message transmission contains information from the Conemaugh Health System that may be proprietary, confidential and/or privileged. The information is intended only for the use of individual(s) or entity named above. If you are not the intended recipient, be aware any disclosure, copying, or distribution or use of the contents of this information is prohibited. If you have received this electronic transmission in error, please notify the sender immediately by replying to the address listed in the "From" field.

From: Joyce Ann Shanty [joyce.shanty@iup.edu]
Sent: Thursday, September 19, 2013 12:39 PM
To: luvridin10@gmail.com; sshriber@chmca.org; Theresa McCreary;
mewood@lancastergeneralcollege.edu; evansd@readinghospital.org; Leah.Beck@tenethealth.com;
sjohnson@svhs.org; lmofoffatt@susquehannahealth.org; Michele.Harms@wcahospital.org;
ebeitz@wellspan.org
Cc: megan.knoch@iup.edu; Sherry Kelly
Subject: Biology Curriculum Changes

The Biology Department at IUP is planning to make some curriculum revisions. They are planning to eliminate BIOL 111 Principles of Biology and replace it with BIOL 202 Principles of Cell and Molecular Biology. In addition, they are planning to change the BIOL 263 Genetics course to BIOL 203 Principles of Genetics. I have attached the proposals for the new courses. Please review and let me know if these changes will keep us in compliance with the required courses for the clinical component of the Clinical Laboratory Science program. Thanks for taking the time to review this material.

Joyce A. Shanty PhD, RN
Associate Professor
Coordinator, Allied Health Professions
Indiana University of Pennsylvania
Indiana, PA 15705
724-357-3257

Subject: RE: Biology Curriculum Changes
From: Steve Johnson <SJohnson@svhs.org>
Date: 09/19/13 05:28 PM
To: 'Joyce Ann Shanty' <joyce.shanty@iup.edu>

Hi Joyce:

Thanks for your email. I have studied the attached materials. I see no problems with the course changes from our perspective.

If you need anything else, please let me know.

Best-
Steve

Stephen M. Johnson, MS, MT (ASCP)
 Program Director
 School of Medical Technology
 Saint Vincent Health Center
 232 West 25th Street
 Erie, PA 16544-0002
 T 814.452.5365
 F 814.456.4784
 sjohnson@svhs.org
 www.saintvincenthealth.com/for-professionals

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

From: Joyce Ann Shanty [<mailto:joyce.shanty@iup.edu>]
 Sent: Thursday, September 19, 2013 12:39 PM
 To: luvridin10@gmail.com; sshriber@chmca.org; tmccrea@conemaugh.org;
 mewood@lancastergeneralcollege.edu; evansd@readinghospital.org; Leah.Beck@tenethealth.com;
 Steve Johnson; lmoffatt@susquehannahealth.org; Michele.Harms@wcahospital.org;
 ebeitz@wellspan.org
 Cc: megan.knoch@iup.edu; Sherry Kelly
 Subject: Biology Curriculum Changes

The Biology Department at IUP is planning to make some curriculum revisions. They are planning to eliminate BIOL 111 Principles of Biology and replace it with BIOL 202 Principles of Cell and Molecular Biology. In addition, they are planning to change the BIOL 263 Genetics course to BIOL 203 Principles of Genetics.

I have attached the proposals for the new courses. Please review and let me know if these changes will keep us in compliance with the required courses for the clinical component of the Clinical Laboratory Science program. Thanks for taking the time to review this material.

Joyce A. Shanty PhD, RN
 Associate Professor
 Coordinator, Allied Health Professions
 Indiana University of Pennsylvania
 Indiana, PA 15705
 724-357-3257

 If you have received this message in error, or are not the intended recipient, or agent responsible for delivering this message to the intended recipient, or believe it has been intercepted or amended, please do nothing further with it and notify the sender immediately or call (814) 452-7081 (collect).

Subject: Re: Biology Curriculum Changes**From:** Michele Harms <Michele.Harms@wcahospital.org>**Date:** 09/19/13 03:56 PM**To:** Joyce Ann Shanty <joyce.shanty@iup.edu>

Joyce,

Looks wonderful! It also looks like a lot of work has gone into this. Impressive. Both of these courses look like they are providing a solid foundation.

Do you have any IUP students for us to interview this year? We LOVE your students - they are well prepared and not just having memorized, but are able to use the knowledge. Being able to apply the knowledge is our focus - you can't just memorize facts in the lab, you have to be able to use them!

Michele

Michele G. Harms, MS, MLS(ASCP)
Program Director
School of Medical Technology
WCA Hospital
PO Box 840, 207 Foote Ave.
Jamestown, NY 14702-0840
716-664-8484
Michele.Harms@wcahospital.org

see our website at www.wcahospital.org/mtschool

>>> "Joyce Ann Shanty" <joyce.shanty@iup.edu> 9/19/2013 12:39 PM >>>

The Biology Department at IUP is planning to make some curriculum revisions. They are planning to eliminate BIOL 111 Principles of Biology and replace it with BIOL 202 Principles of Cell and Molecular Biology. In addition, they are planning to change the BIOL 263 Genetics course to BIOL 203 Principles of Genetics.

I have attached the proposals for the new courses.

Please review and let me know if these changes will keep us in compliance with the required courses for the clinical component of the Clinical Laboratory Science program.

Thanks for taking the time to review this material.

Joyce A. Shanty PhD, RN
Associate Professor
Coordinator, Allied Health Professions
Indiana University of Pennsylvania
Indiana, PA 15705
724-357-3257

Subject: RE: Biology Curriculum Changes**From:** "Beitz, Edwin <ebeitz@wellspan.org>**Date:** 09/19/13 01:33 PM**To:** 'Joyce Ann Shanty' <joyce.shanty@iup.edu>

HI Joyce

Both courses look great. I especially liked the "Principles of Cell and Molecular Biology". With today's inclusion of more and more molecular type testing in the clinical laboratory, the labs on PCR will help create a much better understanding of the process for future interns. Everything will work fine with current requirements, and this is certainly a trend in the right direction. I wouldn't be surprised to see a molecular requirement in the future.

I hope that you are doing well and the fall term is progressing nicely. Your two students are performing well thus far. Jessica Wishard (a former student - class of 2009 from IUP) is doing great. Abbey Linn struggled somewhat during the 1st month, but has shown marked improvement in recent weeks. Both are very nice kids.

Thank you for the update.
Have a great rest of your day.

Ed

Edwin Beitz MHA,MLS (ASCP)
Program Director
York Hospital Medical Laboratory Science Program
1001 S George St
York, Pa. 17405
717-851-2473 (P)
717-851-2934 (F)
ebeitz@wellspan.org

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: Thursday, September 19, 2013 12:39 PM

To: luvridin10@gmail.com; sshriber@chmca.org; tmccrea@conemaugh.org;
mewood@lancastergeneralcollege.edu; evansd@readinghospital.org; Leah.Beck@tenethealth.com;
sjohnson@svhs.org; lmoffatt@susquehannahealth.org; Michele.Harms@wcahospital.org; Beitz,
Edwin

Cc: megan.knoch@iup.edu; Sherry Kelly

Subject: Biology Curriculum Changes

The Biology Department at IUP is planning to make some curriculum revisions. They are planning to eliminate BIOL 111 Principles of Biology and replace it with BIOL 202 Principles of Cell and Molecular Biology. In addition, they are planning to change the BIOL 263 Genetics course to BIOL 203 Principles of Genetics.

I have attached the proposals for the new courses.

Please review and let me know if these changes will keep us in compliance with the required courses for the clinical component of the Clinical Laboratory Science program.

Thanks for taking the time to review this material.

Joyce A. Shanty PhD, RN
Associate Professor
Coordinator, Allied Health Professions
Indiana University of Pennsylvania
Indiana, PA 15705
724-357-3257

This e-mail has been scanned by Verizon Managed Email Content Service, using Skeptic(tm) technology powered by MessageLabs. For more information on Verizon's Managed Email Content Service, visit <http://www.verizonbusiness.com>.

CONFIDENTIALITY NOTICE:

This email may contain confidential health information that is legally privileged. This information is intended for the use of the named recipient(s). The authorized recipient of this information is prohibited from disclosing this information to any party unless required to do so by law or regulation and is required to destroy the information after its stated need has been fulfilled. If you are not the intended recipient, you are hereby notified that any disclosure, copying, distribution, or action taken in reliance on the contents of this email is strictly prohibited. If you receive this e-mail message in error, please notify the sender immediately to arrange disposition of the information..

This e-mail has been scanned by Verizon Managed Email Content Service, using Skeptic(tm) technology powered by MessageLabs. For more information on Verizon's Managed Email Content Service, visit <http://www.verizonbusiness.com>.

Subject: biology curriculum changes

From: "Wheary, Christine <cwheary@susquehannahealth.org>

Date: 09/23/13 01:54 PM

To: Indiana University (joyce.shanty@iup.edu) <joyce.shanty@iup.edu>

Dr. Shanty -

I have reviewed the curriculum changes you sent to Loretta Moffatt - she forwarded your email to me, since I have assumed the role of CLS Program Director here at Williamsport Regional Medical Center. The changes appear to be in line with the required CLS courses.

Thank you for including us in consideration of your curriculum changes.

Have a great day -

Chris

CHRISTINE M. WHEARY, MT(ASCP)

Program Director | CLS school

SUSQUEHANNA HEALTH | Williamsport Regional Medical Center | 700 High Street | Williamsport, PA 17701
tel (570) 321-2367

cwheary@susquehannahealth.org | SusquehannaHealth.org

Confidentiality Notice: This message and any attachments originate by electronic mail from Susquehanna Health and their subsidiaries/affiliates ("SH"). Both this document and any attachments are intended for the sole use of the addressee indicated above and may contain proprietary, privileged and/ or confidential information. If you are not the intended recipient of this message, you are hereby notified that any use or disclosure of this information is strictly prohibited. If you received this message in error, or have reason to believe you are not authorized to receive it, please notify the sender by reply email, with a copy ITSecurity@susquehannahealth.org, and then promptly delete the original and reply messages. Thank you for your cooperation.