

Course Revision/Deletion Template

Steps to the approval process:

1. Complete the applicable template(s) and email them to the departmental or program curriculum committee chair.
2. The curriculum chair emails the proposal to the curriculum committee, then to the department/program faculty for a vote and finally to the department/program chair.
3. The department/program chair emails the proposal to curriculum-approval@iup.edu; this email will also serve as an electronic signature.
4. Curriculum committee staff will log the proposal, forward it to the appropriate dean's office(s) for review within 14 days and post it on the X Drive for review by all IUP faculty and administrators. Following the dean's review the proposal goes to the UWUCC/UWGC and the Senate.
5. Questions? Email curriculum-approval@iup.edu.

Contact Person:	Megan Knoch	Email Address:	mknoch@iup.edu
Proposing Depart/Unit:	Biology	Phone:	357-2613

Course Revisions (Check all that apply; fill out categories below as specified; i.e. if only changing a course title, only need to complete Category A information; if Category B need information in both A and B; For Category C, complete entire form):

- Category A: Course Prefix/Number Change Course Title Change Course Deletion
- Category B: Catalog Description Change Modify Prerequisite(s)
- Category C: Add Dual Level Add Liberal Studies (Complete Template C) Change in Class/Lab Hours
- Add Distance Education (Complete Template E) Add/Revise TECC (Complete Template D)
- Other - Click here to enter text.

Current Course Information		Proposed Changes	
Category A (if not changed leave blank)			
Current Prefix	BIOL	Proposed Prefix	Click here to enter text.
Current Number	150	Proposed Number	Click here to enter text.
Current Course Title	Human Anatomy	Proposed Course Title	Click here to enter text.
Prerequisite(s)	Non-biology majors only	Proposed Prerequisite(s)	
Category B (if not changed leave blank)			
Current Catalog Description	A study of the functional systematic anatomy of the human. Lab studies center on nonhuman mammals	Proposed Catalog Description	A study of the functional and systematic anatomy of humans. Laboratory studies focus on models of

Template B

	whose anatomy is then related to the human condition. 2c-31-3cr		human organs and systems along with a dissected human cadaver. 3c-31-4cr
Category C (if not changed leave blank)			
Current Course (Student Learning) Outcomes	N/A – the most recent syllabus of record dates to 1998.	Proposed Course (Student Learning) Outcomes	<ol style="list-style-type: none"> 1) Recognize visible tissues and organs within the human body 2) Explain the relationships between multiple tissue types and organs within different systems of the body 3) Relate the structural characteristics of tissues to the function of each organ
Brief Course Outline <i>(it is acceptable to copy this from the old syllabus)</i>	<p><u>Lecture Topics (28 Academic Hours)</u></p> <ol style="list-style-type: none"> 1) Intro to Skeletal System 2) Intro to Muscular System 3) Musculo-skeletal system 4) Coelomic Cavities 5) Respiratory System 6) Digestive System 7) Urogenital System 8) Cardiovascular System 9) Lymphatic System 10) Sensory Structures 11) Nervous System <p><u>Laboratory Topics (42 Academic Hours)</u></p> <ol style="list-style-type: none"> 1. Week 1- Tissues 2. Week 2- Skeletal System 	<p>Brief Course Outline <i>(Give sufficient detail to communicate the content to faculty across campus. It is not necessary to include specific readings, calendar, or assignments.</i></p>	<p><u>Lecture Topics (42 Academic Hours)</u></p> <ol style="list-style-type: none"> 1) Anatomical Terminology 2) Organization of the Body 3) Cell Anatomy 4) Histology (Tissue Types) 5) Integument System 6) Skeletal System 7) Skeletal Muscular System 8) Respiratory System 9) Digestive System 10) Urinary System 11) Female Reproductive System 12) Male Reproductive System 13) Endocrine System 14) Cardiovascular System 15) Lymphatic System 16) Nervous System 17) Special Senses <p><u>Laboratory Topics (42 Academic Hours)</u></p> <ol style="list-style-type: none"> 1. Week 1- Tissues 2. Week 2- Skeletal System 3. Weeks 3 & 4- Muscular System

Template B

	<ol style="list-style-type: none"> 3. Weeks 3 & 4- Muscular System 4. Week 5- Respiratory System 5. Week 6- Digestive System 6. Week 7- Review & Laboratory Practical Exam 7. Week 8- Urogenital System 8. Week 09 & 10 Cardiovascular System 9. Week 11 Nervous System 10. Week 12 Special Senses 11. Week 13 Review & Laboratory Practical Exams 		<ol style="list-style-type: none"> 4. Week 5- Respiratory System 5. Week 6- Digestive System 6. Week 7- Review & Laboratory Practical Exam 7. Week 8- Urogenital System 8. Week 09 & 10 Cardiovascular System 9. Week 11 Nervous System 10. Week 12 Special Senses 11. Week 13 Review & Laboratory Practical Exams
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Rationale for Proposed Changes (All Categories)

Why is the course being revised/deleted:	BIOL 150 is being converted to a 4 credit course to align the lecture and laboratory components with similar courses at other institutions. The additional credit will allow the lecture instructors to more completely review anatomy with students. This change will also benefit students who apply to graduate and professional programs requiring a 4 credit combined lecture and laboratory course in anatomy.
Implication of the Change on: <ul style="list-style-type: none"> - Program - Other programs - Students 	Program: These courses will not impact the Biology majors but it will impact students in the Nursing, Allied Health, Food and Nutrition, and Natural Sciences programs. - Other programs: This course is being revised in conjunction with BIOL 240 (formerly BIOL 151) and BIOL 241. Revisions to these courses will actually decrease the number of required credits for Nursing and Allied Health majors by one credit hour. Students will no longer be required to take BIOL 105 Cell Biology, a three credit course. Students instead will complete the following three 4-credit courses: BIOL 150, BIOL 240 and BIOL 241. The total number of BIOL course hours that students currently take is equal to 13 credit hours. The proposed revisions will reduce this to 12 credit hours. Students may use the additional contact hour towards courses in their major.
For Dual Listed Courses	<i>List additional learning objectives for the higher-level course</i> Click here to enter text.

For Dean's Review

- Are resources available/sufficient for this course? Yes No NA
- Is the proposal congruent with college mission? Yes No NA
- Has the proposer attempted to resolve potential conflicts with other academic units? Yes No NA

Comments: Click here to enter text.

Subject: BIOL 150, 151, 241 changes

From: "Rita M. Johnson" <Rita.Johnson@iup.edu>

Date: 2/13/2015 9:13 AM

To: curriculum-approval@iup.edu

CC: "<megan.knoch@iup.edu>" <bharathn@iup.edup.edu>, Rita <Rita.Johnson@iup.edu>

Faculty in the Department of Food and Nutrition (FDNT) support the changes in BIOL 150, 151, and 241. We have been in contact with Biology Department representatives during the development of these changes.

I believe that the curriculum committee should be aware of two factors that FDNT faculty have communicated to Biology Department representatives.

1. Assuming that the changes to microbiology occur in fall 2015, FDNT majors will need to use one credit of free electives to allot for this 4 credit course.

2. FDNT is currently working on curriculum proposals for its three tracks. The Dietetics and Culinary Dietetics Tracks will be changed to take the four credit Anatomy, Physiology, and Microbiology courses that are proposed. These changes will increase the Biology credits from the current 10 credits to 12 credits. This is unlike the change to the Nursing and Allied Health curriculum that will decrease its credits from Biology courses.

Thank you for this opportunity to clarify the effects of these changes to three Biology courses on FDNT majors.

Rita M. Johnson, PhD, RDN, LDN
Chair and Associate Professor
Department of Food and Nutrition
911 South Drive, Ackerman 102
Indiana, PA 15705-1087

Rita.Johnson@iup.edu

Office Location: Ackerman 101
724-357-3007 (Department fax)
724-357-3281 (Rita's office)
724-357-4440 (Department office)

Spring 2015 Office Hours

Monday 5:00 - 6:30

Tuesday 1:00 - 3:00

Thursday 2:00 - 4:00

Please make an appt via email with me or in person with Mrs. Lemasters in ACK 101.

Subject: Fwd: biology changes
From: "Megan E Knoch" <megan.knoch@iup.edu>
Date: 2/18/2015 9:42 AM
To: "Gail S. Sechrist" <gailsech@iup.edu>

Greetings Gail,

Here is the letter of support from the Allied Health program.

Best,
Megan

Dr. Megan E. Knoch
Associate Professor
Department of Biology
Indiana University of Pennsylvania

--- the forwarded message follows ---

--- biology changes.eml

Subject: biology changes
From: "Joyce Ann Shanty" <joyce.shanty@iup.edu>
Date: 12/8/2014 9:12 AM
To: "Knoch, Megan E" <Megan.Knoch@iup.edu>
CC: <Theresa.Gropelli@iup.edu>

Hi Megan,
Theresa was telling me about the meeting this past Friday. It all sounds great for our Allied Health students as well as the Nursing students. I had sent the proposed changes to our various program directors for NMDT and RESP care and they are fine with the proposed changes. The RESP director wanted to make sure that cellular life, metabolism and aerobic vs. anaerobic metabolism would be mentioned in Microbiology. Are they/Will they be?
Thanks
Joyce

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

--- Attachments: ---

biology changes.eml

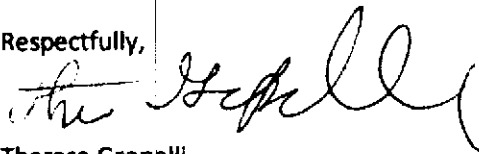
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February 18, 2015

Dear UWUCC (Dr. Gail Sechrist),

I am writing this letter to demonstrate support of the projected changes that will be forthcoming as a result of changes to program as noted from the Biology department. Specifically, we are aware and agree with the changes as noted from BIOL 150, BIOL 240 and BIOL 241. We are aware of the credit adjustment, and do appreciate the realignment of credits and content. We also appreciate that Cell Biol will no longer be a prerequisite and can be eliminated from the Nursing and Allied Health programmatic structure. We are fully aware that the science structure in the Nursing and Allied Health program used to total 13 credits and with the realignment now shifts down to 12 credits freeing up one credit for use within our programs. As a consequence of this action, you can anticipate a program revision from both Nursing and Allied Health to be coming through the SCAT system in a timely manner. Thank you for considering this upgrade and for keeping our programs at IUP current and competitive with other institutions.

Respectfully,

A handwritten signature in cursive script, appearing to read "Theresa Gropelli".

Theresa Gropelli,
Chair, Nursing and Allied Health

Subject: Re: Letter of Support for BIOL 150, 151 and 241 changes
From: <lkup@iup.edu>
Date: 2/25/2015 11:44 AM
To: "Megan E Knoch" <megan.knoch@iup.edu>

Dear Megan,

As Coordinator of the Natural Science Pre-Professional Programs, which includes the Pre-Dental, the Pre-Optometry, the Pre-Pharmacy, the Pre-Physical Therapy, the Pre-Podiatry, and the Pre-Chiropractic tracks, I lend my support the course changes that you listed in your e-mail message (below). Several of the professional schools, the Physical Therapy and Physician Assistant programs most notably, list among the prerequisites both 4-credit human anatomy and 4-credit microbiology courses. In the past, Natural Science students who have taken the existing 3-credit courses have been disadvantaged when they sought admission to many post-graduate professional school programs. Since your proposed changes will only serve to make the professional school application packages of our IUP students even more widely competitive, I enthusiastically support the course revisions.

Lawrence Kupchella

-----Original Message----- From: Megan E Knoch
Sent: Tuesday, February 24, 2015 5:25 PM
To: lkup@iup.edu
Cc: Bharathan
Subject: Letter of Support for BIOL 150, 151 and 241 changes

Greetings Larry,

As you are aware, the Biology Department is converting BIOL 150 and BIOL 241 to 4-credit lecture and lab courses. Furthermore, BIOL 151 will be renumbered to BIOL 240. Students will take BIOL 150, followed by BIOL 240 and finally BIOL 241. Would you be willing to provide me with a letter of support for these changes?

Best,
Megan

Dr. Megan E. Knoch
Associate Professor
Department of Biology
Indiana University of Pennsylvania