Z to BI changes

New Courses
Proposal 89823 BI 231 Introduction to Human Anatomy & Physiology
Proposal 89824 BI 232 Introduction to Human Anatomy & Physiology
Proposal 89825 BI 233 Introduction to Human Anatomy & Physiology
Proposal 89826 BI 241 Introduction to Human Anatomy & Physiology Lab
Proposal 89827 BI 242 Introduction to Human Anatomy & Physiology Lab
Proposal 89828 BI 243 Introduction to Human Anatomy & Physiology Lab

Submitted as Change Courses (but did not indicate equivalencies)
Proposal 89788 BI 331 Advanced Human Anatomy & Physiology
Proposal 89791 BI 332 Advanced Human Anatomy & Physiology
Proposal 89792 BI 333 Advanced Human Anatomy & Physiology
Proposal 89820 BI 341 Advanced human Anatomy & Physiology Lab
Proposal 89822 BI 343 Advanced Human Anatomy & Physiology Lab
Proposal 89821 BI 342 Advanced Human Anatomy & Physical Lab

From the Proposals (CPS)

We seek to redesign the Human Anatomy and Physiology offerings to better serve our undergraduate students and their home units. Our existing Z33X course currently serves a highly mixed population, those with career aspirations that require further graduate level training (dentistry, medicine, etc.) and those with career aspirations that can be met through undergraduate degrees alone (recreational physical activity related fields like personal training, strength and conditioning, coaching, etc), among others. Currently, some of our students enter the course with no college level biology background while others enter with extensive biology, chemistry and even biochemistry coursework. Consequently, the current course struggles to challenge and further develop the more experienced student while still fostering the success of the less experienced student. We propose to instead offer two levels of the course: a 200 level (23x and 24x) series without enforced pre-requisites that begins as a basic biology course using the human as the model organism and having a strong functional, gross anatomy focus (Introduction to Human Anatomy and Physiology); and a 300 level (33x/34x) series that ties cellular-level and gross-level anatomy and physiology to pathology (Advanced Human Anatomy and Physiology, enforced Biology and Chemistry pre-requisites). Both courses will offer labs that use the human cadaver for gross anatomy as well as human subjects for in-lab physiology data collection to develop scientific skills. The 200 level courses would be appropriate for programs that require Human A&P, but do not also require Biology coursework (such as athletic training, personal training, coaching, nursing, etc). The 300 level course would be appropriate for programs that require both Human A&P and Biology (such as pre-dental, pre-pharmacy, pre-physician assistant and others. Through these proposed offerings, we suggest that we can foster better undergraduate success at OSU, better meet the needs of those bound for professional school and differentiate the offerings to provide the desired outcomes for professional schools.

Comments:
The 23x/24x series of A&P is the sequence designed for all pre-nursing students unless they elect to take the more challenging 33x/34x series. Pre-nursing schools do not require a 300-level series and community college coursework is considered appropriate for these students. The prerequisites for the 33x/34x series remain the entire year of biology, but that should not impact nursing students. The students that would be impacted (dental, pharmacy, etc.) already have to take a year of biology. I am only aware of one nursing school that might require BI 212 and 213 and students could still take those two terms (or alternative 10x terms in most cases) and the 23x/24x series of A&P.
The 200-level A&P series from community colleges will be articulated by term where there is content alignment. In general, that will likely be at more schools than in the past. Where there is poor alignment by term, the series will transfer as a year if the entire series is taken at the community college. The 200-level series will not be a prerequisite for any other courses on campus.

Questions
- They do not intended for these to be equivalent courses.
  - Really should be a new course proposal?
  - That means students could take Z 331 AND BI 331, but how different are they really?
  - Learning outcomes
- How can BI 331 be a pre-requisite if the course is no longer equivalent?
- How does this change the degree program with which these are associated (which is an expedited CAT 1)?