Decision Summary

New Mexico Curriculum & Articulation Committee

September 20 – 21, 2018

- Common course numbering system
    - Anatomy and Physiology: the courses listed in the document were combined into a single A&P I, A&P I Lab, A&P II, and A&P II Lab with the proposed course descriptions and student learning outcomes. See pages 3-6.
    - Sociology & Criminal Justice - Juvenile Justice: Tabled, convene subcommittee to look at SOCI/CJUS courses
    - Sociology & Criminal Justice - Intro to Criminal Justice/Criminology: Tabled, convene subcommittee to look at SOCI/CJUS courses
- General Education certifications
    - CNM ARTS 1240 – approved: The narrative provided did a great job showing how the course develops the essentials skills and the assessment illustrated how the skills would be assessed. (Would CNM allow this to be posted on the HED website as an example?)
    - CNM ARTS 1250 – approved: The narrative provided did a great job showing how the course develops the essentials skills and the assessment illustrated how the skills would be assessed.
    - CNM ARTS 1610 – approved: The narrative provided did a great job showing how the course develops the essentials skills and the assessment illustrated how the skills would be assessed.
    - CNM ASTR 1010 – approved: While the application packet as a whole illustratied how the course develops and assess the skills, future applications would benefit from clearer, less jargon-filled narratives and more detailed assessments.
    - CNM ASTR 1092 – approved: While the application packet as a whole illustratied how the course develops and assess the skills, future applications would benefit from clearer, less jargon-filled narratives and more detailed assessments.
    - CNM BA 1105 - approved
    - CNM BCIS 1110 - approved
    - CNM CSCI 1108 – approved: While the application packet as a whole illustratied how the course develops and assess the skills, future applications would benefit from clearer, less jargon-filled narratives and more detailed assessments that are clearly aligned with the narrative.
    - CNM CSCI 1151 - approved: While the application packet as a whole illustratied how the course develops and assess the skills, future applications would benefit from clearer, less jargon-filled narratives and more detailed assessments that are clearly aligned with the narrative.
    - CNM CSCI 1152 - approved: While the application packet as a whole illustratied how the course develops and assess the skills, future applications would benefit from clearer, less jargon-filled narratives and more detailed assessments that are clearly aligned with the narrative.
    - CNM CSCI 1153 - approved: While the application packet as a whole illustratied how the course develops and assess the skills, future applications would benefit from clearer, less jargon-filled narratives and more detailed assessments that are clearly aligned with the narrative.

    - CNM MATH 1211 – approved for AAS degrees
    - CNM MATH 1212 – approved for AAS degrees
    - CNM MATH 1213 – approved for AAS degrees
    - CNM MATH 1215 – not approved: As it stands it is a preparatory course not a college-level general education course. The committee suggests using this course as the basis for building a new technical math course with a new name that would be eligible for inclusion in the general education curriculum.
- The New Mexico Curriculum & Articulation Committee will meet:
    - November 15-16, 2018
        - Submission deadline: October 31, 2018
        - Committee will focus on communication re-certifications
        - Other areas may also be submitted
    - February 14-15, 2019
        - Submission deadline: January 18, 2019
        - Committee will focus on Math re-certifications
        - Other areas may also be submitted
    - April 18-19, 2019
        - Submission deadline: March 22, 2019
        - Committee will focus on Science re-certifications
        - Other areas may also be submitted
    - Will meet twice during the summer on dates tbd to work on social science, humanities, and fine arts.
- Open discussion: How are institutions handling implementation of the new Gen Ed Curriculum for programs that have particular credentialing requirements (for example, Nursing, Health Information Technology, and Emergency Medical Services)?
    - Please share how your institution is handling this issue (Bridgette.noonen@state.nm.us). Bridgette will share with the rest of the committee.

BIOL 2210. Human Anatomy and Physiology I

Courses Included:

CCC BIOL 211 (combined)
CNM BIO 2210
Diné BIO 201 (combined)
ENMU BIOL 209
ENMURo BIOL 209C
ENMURu BIOL 209
LCC BIO 217
MCC BIOL 211
NMJC BI 214A
NMMI BIOL 2210
NMSUA BIOL 225 (combined)
NMSUC BIOL 225 (combined)
DACC BIOL 225 (combined)
NMSUG BIOL 225 (combined)
NMSUA BIOL 225 (combined)
NNMC BIO 237
SFCC BIOL 230
SJC BIOL 252 (combined)
UNM BIOL 237
UNMG BIOL 237
UNMT BIOL 237
UNMV BIOL 237
WNMU BIOL 254

Course Description:

This course is the first of two that serve as an introduction to human anatomy and physiology for biology majors and allied health students. The course entails describing, explaining, and analyzing structure and function from the submicroscopic to the organismal level with emphasis on anatomic, directional, and sectional terminology, basic cellular structure and metabolism, tissue differentiation and characteristics, and organ system structure and function; Specifically the integumentary, skeletal, muscular, and nervous systems.

Student Learning Outcomes:

1. Describe and apply anatomical terminology.
2. Describe multi cellular organization.
3. Distinguish and describe major tissue types.
4. Describe the structure and function of the integumentary system.
5. Describe the structure and function of the skeletal system.
6. Describe the structure and function of the muscular system.
7. Describe the structure and function of the nervous system.
8. Describe the structure and function of the special senses.
9. Define homeostasis and describe specific examples for the integumentary, skeletal, muscular, and nervous systems.

BIOL 2210L. Human Anatomy and Physiology I Lab

Courses Included:

CCC BIOL 211 (Combined)
CNM BIO 2292
Diné BIO 201 (combined)
ENMU BIOL 209L
ENMURo BIOL 209C
ENMURu BIOL 209L
LCC BIO 217L
MCC BIOL 211 (combined)
NMMI BIOL 2210L
NMJC BI 214AL
NMSUA BIOL 225 (combined)
NMSUC BIOL 225 (combined)
DACC BIOL 225 (combined)
NMSUG BIOL 225 (combined)
NMSUA BIOL 225 (combined)
NNMC BIOL 237L
SFCC BIOL 230L
SJC BIOL 252 (combined)
UNMG BIOL 227L
UNMLA BIOL 227L
UNM BIOL 247L
UNMV BIOL 247L
WNMU BIOL 256

Course Description:

This is the first in a series of two laboratory courses designed to introduce laboratory practices and techniques for human anatomy and physiology, from the basic cell structure through the organ system level; specifically the integumentary, skeletal, muscle, and nervous systems (Co requisite with the lecture course).

Student Learning Outcomes:

1. Apply the scientific method correctly.
2. Collect, analyze, and interpret scientific data.
3. Use laboratory equipment, such as a microscope, correctly and safely.
4. Analyze the structure of cells, cell membranes, and cell organelles with respect to their respective physiological roles.
5. Identify the anatomical components of human tissues, organs, and organ systems using prepared microscope slides, models, diagrams, illustrations, or cadaver specimens.
6. Describe the functional characteristics of human tissues, organs, and organ systems using prepared microscope slides, models, diagrams, illustrations, or cadaver specimens.
7. Analyze the physiological processes of the integumentary, skeletal, muscle, and nervous systems.

BIOL 2225. Human Anatomy and Physiology II

Courses Included:

CCC BIOL 212	NMJC BI 224A	SFCC BIOL 231
CNM BIO 2310	NMMI BIOL 2225	SJC BIOL 253 (combined)
Diné BIO 202 (combined)	NMSU BIOL 226 (combined)	UNM BIOL 238
ENMU BIOL 210	NMSUC BIOL 226 (combined)	UNMG BIOL 238
ENMURo BIOL 210C	DACC BIOL 226 (combined)	UNMLA BIOL 238
ENMURu BIOL 210	NMSUG BIOL 226 (combined)	UNMT BIOL 238
LCC BIOL 218	NMSUA BIOL 226 (combined)	UNMV BIOL 238
MCC BIOL 212 (combined)	NNMC BIOL 238	WNMU BIOL 255

Course Description:

This course is the second of two that serve as an introduction to human anatomy and physiology for biology majors and allied health students. The course entails describing, explaining, and analyzing structure and function from the submicroscopic to the organismal level with emphasis on specific cellular, tissue, and organ structure and physiology, and organ system structure and function; specifically the endocrine, cardiovascular, respiratory, urinary, and reproductive systems. Additionally, an analysis of these concepts is included: fluid and electrolyte balance, pregnancy, growth and development from zygote to newborn, and heredity.

Student Learning Outcomes:

1. Identify and describe the major anatomical features of the endocrine, cardiovascular, lymphatic, respiratory, digestive, urinary, and reproductive systems.
2. Analyze the physiological roles of the endocrine, cardiovascular, lymphatic, respiratory, digestive, urinary, and reproductive systems in maintaining homeostasis in the human body.
3. Explain how fluid and electrolyte balance is maintained in the human body.
4. Compare and contrast the anatomy and physiology of male and female reproductive systems.
5. Describe pregnancy from conception to parturition including human growth and development from zygote to newborn.
6. Explain heredity and genetic control.

BIOL 2225L. Human Anatomy and Physiology II Lab

Courses Included:

CCC BIOL 212 (combined)	NMMI BIOL 2225L	SFCC BIOL 231L
CNM BIO 2392	NMSU BIOL 226 (combined)	SJC BIOL 253 (combined)
Diné BIO 202 (combined)	NMSUC BIOL 226 (combined)	UNMG BIOL 228L
ENMU BIOL 210L	DACC BIOL 226 (combined)	UNMLA BIOL 228L
ENMURo BIOL 210C	NMSUG BIOL 226 (combined)	UNM BIOL 248L
ENMURu BIOL 210L	NMSUA BIOL 226 (combined)	UNMV BIOL 248L
LCC BIOL 218L	NNMC BIOL 238L	WNMU BIOL 257

Course Description:

This is the second in a series of two laboratory courses designed to introduce laboratory practices and techniques for human anatomy and physiology, from the basic cell structure through the organ system level; specifically the endocrine, cardiovascular, lymphatic, respiratory, urinary, and reproductive systems (co-requisite with the lecture).

Student Learning Outcomes:

1. Apply the scientific method correctly.
2. Collect, analyze, and interpret scientific data.
3. Use laboratory equipment, such as a microscope, correctly and safely.
4. Identify the anatomical components of human tissues, organs, and organ systems using prepared microscope slides, models, diagrams, illustrations, or cadaver specimens.
5. Describe the functional characteristics of human tissues, organs, and organ systems using prepared microscope slides, models, diagrams, illustrations, or cadaver specimens.
6. Analyze the physiological processes of the endocrine, cardiovascular, lymphatic, respiratory, digestive, urinary, and reproductive systems.
7. Analyze the physiological processes of fluid and electrolyte balance and acid base balance in the human body.
8. Analyze heredity and genetic control.