CURRICULUM PROPOSAL

APPROVAL PAGE

Proposal Title: Addition of MATH 1310 to designated core list for BS-KIN, BS-PH, BS-RHSC, and BSW-SOWK majors

College: CHS   Department: KIN, PHS, RHSC, SOWK

DEPARTMENT CHAIR- Dr. Jason Boyle, KIN; Dr. Maria Duarte, PHS; Dr. Carolina Valencia, RHSC; Dr. Bruce Friedman, SOWK

I have read the enclosed proposal and approve this proposal on behalf of the department.
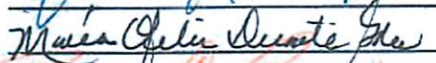
Digitally signed by Jason Boyle
DN: cn=Jason Boyle, email=jbboyle@utep.edu,
c=US
Date: 2021.10.13 15:17:25 -06'00'   10/13/21

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Signature _Maria Ofelia Duarte Jhew   10/14/21_   **Date**

Bruce Friedman   10/14/21

COLLEGE CURRICULUM COMMITTEE CHAIR – Dr. Lori Torres

I have read the enclosed documents and approve the proposal on behalf of the college curriculum committee.

_____   10/14/21
Signature   **Date**

COLLEGE DEAN – Dr. William Robertson

I have read the enclosed documents and approve the proposal on behalf of the college. I certify that the necessary funds will be allocated by the college in support of this proposal.

_____   10/15/21
Signature   **Date**

UNDERGRADUATE CURRICULUM CHANGE MEMO

Date: 9/23/2021

From: Joy Olimpo, CHS Dean's Office

Through: J. Boyle – BS-KIN, M. Duarte – BS-PH, C. Valencia – BS-RHSC, B. Friedman – BSW-SOWK
Department Chairs

Through: Dr. William Robertson, Interim Dean of CHS

To: Dr. Andrew Fleck, Chair, Undergraduate Curriculum Committee

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We are requesting to add <u>MATH 1310</u> (Trigonometry and Conics) to the Designated University Core Mathematics options for the following CHS Majors:
- BS in Kinesiology
- BS in Public Health
- BS in Rehabilitation Sciences
- Bachelor of Social Work

Rationale:
- MATH 1309 (College Algebra) and MATH 1310 (Trigonometry and Conics) were added to the UTEP Curriculum effective Fall 2019. This provided a 2-semester sequence of courses that is equivalent to Precalculus (MATH 1508).
- In Fall 2020, both MATH 1309 and MATH 1310 were approved to fill the University Core math requirement.
- MATH 1309 does not meet the pre/co-requisite for required courses on the 4 majors' degree plans, so MATH 1309 is not acceptable as the designated core for this major.
- MATH 1310 meets the pre-requisites for all required courses on the 4 majors' degrees plans (including all concentrations of each major), so MATH 1310 is an acceptable course for the Mathematics Designated Core for each of these 4 majors.

BS Kinesiology

Designated Core

All courses below are required:

BIOL 1305 & BIOL 1107	General Biology and Topics in Study of Life I [c]
BIOL 2311 & BIOL 2111	Human Anat/Physiology I and Human Anat/Physio Lab I [c]
MATH 1320	Math for Social Sciences I [c]
or MATH 1411	Calculus I
or MATH 1508	Precalculus
Or MATH 1310	Trigonometry and Conics

The courses below are recommended:

COMM 1301	Public Speaking [c]
DANC 1304	Dance Appreciation [c]
EDU 1342	Action Research in Classrooms [c]
PHIL 2306	Ethics [c]
UNIV 1301	Seminar/Critical Inquiry [c]

BS Public Health

Code	Title	Hours
Designated Core		
BIOL 1305 & BIOL 1107	General Biology and Topics in Study of Life I [c]	
BIOL 2311 & BIOL 2111	Human Anat/Physiology I and Human Anat/Physio Lab I [c]	
MATH 1320	Math for Social Sciences I [c]	
or MATH 1411	Calculus I	
or MATH 1508	Precalculus	
Or MATH 1310	Trigonometry and Conics	

BS Rehabilitation Sciences

Designated Core (All courses require a grade of C or better)

Required Courses:

BIOL 1305 & BIOL 1107	General Biology and Topics in Study of Life I	4
BIOL 2311 & BIOL 2111	Human Anat/Physiology I and Human Anat/Physio Lab I	4
MATH 1320	Math for Social Sciences I (or higher - MATH 1411 or MATH 1508) or MATH 1310)	3
PSYC 1301	Introduction to Psychology	

BSW Social Work

Designated Core (Mathematics) Select one of the following:		3
MATH 1320	Math for Social Sciences I	
MATH 1411	Calculus I	
MATH 1508	Precalculus	
MATH 1310	Trigonometry and Conics	