

UNDERGRADUATE CURRICULUM CHANGE MEMO

Date: October 5, 2020

From: Dr. Carolina Valencia, Program Director Bachelor of Science in Rehabilitation Sciences (BS-RHSC). Dr. Daniel Conde and Dr. Balachandar Kathirvelu from the Department of Rehabilitation Sciences assisted in memo preparation.

Through: Dr. Lorraine Torres, Chair CHS Academic Affairs Committee

Through: Dr. Shafik Dharamsi, Dean of the College of Health Sciences

To: Dr. Art Duval, Chair of the Undergraduate Curriculum Committee

Proposal Title: **Minor Curricular Changes for BS-RHSC Program**

To whom it may concern,

The approved interdisciplinary Bachelor of Science in Rehabilitation Sciences (BS-RHSC) major at The University of Texas at El Paso (UTEP) was designed to prepare undergraduate students for a graduate school and careers in the rehabilitation professions. This program provides students with the requisite course knowledge, skills, values, attitudes that will prepare them to meet the challenges of graduate or professional education in Physical Therapy (PHTH), Occupational Therapy (OCTH), Rehabilitation Counseling (RHCO), and Speech Language Pathology (SPLA), as well as other health professions. The Texas Higher Education Coordinating Board approved the BS-RHSC program in February 2017 and the first students started in fall 2017.

The Bachelor of Science in Rehabilitation Sciences is requesting minor curricular changes in the following area:

1. Adding a new Human Gross Anatomy course as option to BS-RHSC Electives for the Physical Therapy concentration

Rationale: Students in this concentration choose 14-15 credits (at least 12 cr. upper-division) from a list of courses that relate to their interests and future aspirations. In order to prepare our students to become better candidates to graduate programs with a strong foundation on human anatomy (i.e. Medicine, Physical Therapy, Occupational Therapy, Kinesiology, Biomedical Engineering, etc.), we are requesting to add **the first anatomy course with observations of dissected cadavers**.

Currently there are no courses offered for undergraduate students combining lectures with observations of dissected cadavers. The available courses are limited to graduate students from the Physical Therapy, Occupational Therapy and Biomedical Engineering

programs. The goal of the course is to provide the undergraduate students with the hands-on knowledge needed in the study of human anatomy, focusing on the major anatomical structures of the body (i.e. bones, muscles, organs and neurovascular structures). The course will include observations of dissected human cadavers and observations of 3D models to study the structures of interest.

In addition, our program evaluation and graduates assessment, have shown a gap between BIOL 2311 which is early in the curriculum and the first anatomy at the graduate level. **Offering this Human Gross Anatomy class will help all students sophomore standing and up to build upon prior knowledge and will better prepare them for the transition to graduate school.**

The addition of a Human Gross Anatomy course to the curriculum will allow the students to better understand the relationships between the anatomical structures of the human body. Also, **the addition of the course to the University's curriculum will serve the needs of all those students looking for a comprehensive study of human gross anatomy.**

Updated list of proposed BS-RHSC electives for PT concentration (addition marked with track changes)

2. Adding a new Human Gross Anatomy course as option to the BS-RHSC Electives for the Occupational Therapy (OCTH) and Rehabilitation Counseling (RHCO) Concentration

Students in these two concentrations choose 27 credits (at least 12 cr. upper-division) from a list of courses that relate to their interests and future aspirations. In order to prepare our students to become better candidates to graduate programs with a strong foundation on human anatomy (i.e. Medicine, Physical Therapy, Occupational Therapy, Kinesiology, Biomedical Engineering, etc.), we are requesting to add **the first anatomy course with observations of dissected cadavers.**

Currently there are no courses offered for undergraduate students combining lectures with observations of dissected cadavers. The available courses are limited to graduate students from the Physical Therapy, Occupational Therapy and Biomedical Engineering programs. The goal of the course is to provide the undergraduate students with the hands-on knowledge needed in the study of human anatomy, focusing on the major anatomical structures of the body (i.e. bones, muscles, organs and neurovascular structures). The course will include observations of dissected human cadavers and observations of 3D models to study the structures of interest.

In addition, our program evaluation and graduates assessment, have shown a gap between BIOL 2311 which is early in the curriculum and the first anatomy at the

graduate level. **Offering this Human Gross Anatomy class will help all students sophomore standing and up to build upon prior knowledge and will better prepare them for the transition to graduate school.**

The addition of a Human Gross Anatomy course to the curriculum will allow the students to better understand the relationships between the anatomical structures of the human body. Also, **the addition of the course to the University's curriculum will serve the needs of all those students looking for a comprehensive study of human gross anatomy.**

CURRICULUM CHANGE PROPOSAL

APPROVAL PAGE

Proposal Title: Minor Curricular Changes for BS-RHSC Program

College: Health Sciences

Department: Rehabilitation Sciences

~~DEPARTMENT CHAIR~~

Program Director

I have read the enclosed proposal and approve this proposal on behalf of the department.

Signature

Date

~~COLLEGE CURRICULUM COMMITTEE CHAIR~~

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

Signature

Date

~~COLLEGE DEAN~~

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.

Signature

Date

From: [Cramer, Joel T](#)
To: [Rivera, Julie A](#)
Cc: [Dharamsi, Shafik](#); [Perales, Cynthia C](#)
Subject: FW: Approved proposals
Date: Wednesday, February 3, 2021 5:33:29 PM
Attachments: [KIN Course Permission 2020.pdf](#)
[MEMO - KIN Course Approvals 10.20.2020.docx](#)
[Change Form - KIN Course Approvals 10.20.2020.docx](#)
[KIN signed Signiture .pdf](#)
[HSCI 4313 Memo October 2020.docx.pdf](#)
[HSCI 4313 ugcoursechangeform October 2020.doc](#)
[HSCI 4313 Memo October 2020.docx](#)
[PH pre-Reg Signiture page signed.pdf](#)
[image001.png](#)
[RE Approved proposals .msg](#)
Importance: High

Hi, Julie. Attached are a series of approved curricular changes that I assumed had already been forwarded to you. All have been approved by Dean Dharamsi. Also attached is the letter of approval from the Academic Affairs Committee in our College.

Is there another system or method we should be using to approve and forward curricular changes?

I'm sorry, I'm learning the ropes here... 😊

-Joel

From: Dharamsi, Shafik <shafikdharamsi@utep.edu>
Sent: Wednesday, January 6, 2021 10:14 AM
To: Cramer, Joel T <jtcramer@utep.edu>
Cc: Perales, Cynthia C <ccperales@utep.edu>
Subject: FW: Approved proposals
Importance: High

Let's tie up this loose end.

From: "Perales, Cynthia C" <ccperales@utep.edu>
Date: Tuesday, November 17, 2020 at 3:35 PM
To: Shafik Dharamsi <shafikdharamsi@utep.edu>, "Cramer, Joel T" <jtcramer@utep.edu>
Subject: Approved proposals

Hello Drs. Dharamsi and Cramer:

For your review and approval. The documents for Rehab Sciences and Rehab Counseling are on a shared one-drive created by Dr. Chuling Lo. She will give you access to the OneDrive

folders shortly.

Thanks,



**Cynthia
Perales**
Assistant to
the Dean

College of
Health
Sciences
The
University of
Texas at El
Paso
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El Paso, TX
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From: Torres, Lorraine <lorit@utep.edu>
Sent: Tuesday, November 17, 2020 10:47 AM
To: Perales, Cynthia C <ccperales@utep.edu>
Cc: Duarte, Maria O. <moduarte@utep.edu>; Mikhail, Osama <omikhail@utep.edu>; Lo, Chu-Ling <clo@utep.edu>; Valencia, Carolina <cvalencia4@utep.edu>
Subject: Approved proposals

Cynthia,

Two proposals have been approved and the documents for Rehab Sciences and Rehab Counseling are on the shared one-drive created by Chuling Lo. The proposals that need to go forward for the Dean's signature are

1. Rehabilitation Sciences: adding Gross Anatomy Proposal
2. Rehabilitation Counseling: adding 4 new courses
3. Kinesiology Removal of Departmental permission for Kin classes : documents attached
4. Public Health prerequisites changes. – Documents attached

Lori

M. Lorraine Torres, Ed.D, MT(ASCP)
CLS Program Director
College of Health Sciences
Room 423

The University of Texas at El Paso

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lorit@utep.edu

https://www.youtube.com/watch?v=ncPD_rWRVsA

COURSE ADD

All fields below are required

College : Health Sciences

Department : Rehabilitation Sciences

Rationale for adding the course:

Currently, there are no undergraduate courses offering cadaver observations of dissected cadavers to complement lecture materials. Also, the existing anatomy and physiology course from the Biology department primarily focuses on human physiology. In addition, our program evaluation and graduates assessment, have shown a gap between BIOL 2311 which is early in the curriculum and the first anatomy at the graduate level. Offering this Human Gross Anatomy class will help our Junior and Senior students to build upon prior knowledge and will better prepare them for the transition to graduate school.

All fields below are required

Subject Prefix and # DRSC3401

Title (29 characters or fewer): Human Gross Anatomy

Dept. Administrative Code : 0

[CIP Code](#) 26.0403.00

Departmental Approval Required ☒ Yes ☐ No

Course Level ☒ UG ☐ GR ☐ DR ☐ SP

Course will be taught: ☒ Face-to-Face ☐ Online ☐ Hybrid

How many times may the course be taken for credit? (Please indicate 1-9 times): 1

Should the course be exempt from the "Three Repeat Rule?" ☐ Yes ☒ No

Grading Mode: ☒ Standard ☐ Pass/Fail ☐ Audit

Description (600 characters maximum):

The course will concentrate on dissected human cadaver observations. It will be organized into 4 modules with two 1-hour lectures and one 2-hour visit to the cadaver lab for observations. The modules include: upper extremity and back; thorax and abdomen; lower extremity and pelvis; and head and neck.

Contact Hours (per week): 2 Lecture Hours 2 Lab Hours Other

Types of Instruction (Schedule Type): Select all that apply

- | | |
|--|--|
| ☒ A Lecture | ☐ H Thesis |
| ☒ B Laboratory | ☐ I Dissertation |
| ☐ C Practicum | ☐ K Lecture/Lab Combined |
| ☐ D Seminar | ☐ O Discussion or Review (Study Skills) |
| ☐ E Independent Study | ☐ P Specialized Instruction |
| ☐ F Private Lesson | ☐ Q Student Teaching |

Fields below if applicable

If course is taught during a part of term in addition to a full 16-week term please indicate the length of the course (ex., 8 weeks): N/A

TCCN (Use for lower division courses) :

Prerequisite(s):		
Course Number/ Placement Test	Minimum Grade Required/ Test Scores	Concurrent Enrollment Permitted? (Y/N)

Corequisite Course(s):

Equivalent Course(s):

Restrictions:	
Classification	Undergraduate- Sophomore standing (30 credits)

Major	N/A
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**The University of Texas at El Paso
College of Health Sciences
Department of Rehabilitation Sciences
Syllabus**

Course Prefix and Number: DRSC 3401
Course Title: Human Gross Anatomy
Credit Hours: 4

Instructor: Daniel Conde, PhD
Phone: TBA
E-mail: daconde@utep.edu
Office Hours: TBA

Course Description: The human gross anatomy course will allow the students to build a fundamental knowledge of human anatomy with lectures and observations of dissected human cadavers, 3D models and bones. The course will be organized into 4 modules with two lectures and a visit to the cadaver lab for observations of dissected cadavers. The modules include: upper extremity and back; thorax and abdomen; lower limbs and pelvis; and head and neck

Learning Outcomes: Students completing the course will be able to identify the major anatomical components of the human body and understand the relationship between the different structures in the human body. The assessment of the students' learning will include a combination of written (50%) and practical exams (50%). Written exams will include material covered in the lectures such as muscles, bones, neurovascular structures and their functions. Practical exams will require the students to identify structures reviewed in the lab including dissected samples, 3D structures and bones.

Required Materials:

- Ellis, H., & Mahadevan, V. (2013) Clinical anatomy: applied anatomy for students and junior doctors (13th ed.) Wiley-Blackwell. **Electronic book available at the UTEP Library:** <https://0-ebookcentral-proquest-com.lib.utep.edu/lib/utep/reader.action?docID=1441758>

Suggested Readings:

- Netter, F. H. (2019). *Atlas of human anatomy (7th edition)*. Philadelphia, PA: Saunders/Elsevier. **Electronic book available at the UTEP Library:** <https://0-ebookcentral-proquest-com.lib.utep.edu/lib/utep/reader.action?docID=5553751>

- Hansen, J. T. (2014). *Netter's anatomy flash cards*. Philadelphia, PA: Saunders Elsevier.

Methods of Instruction: Lecture, handouts and laboratory observations of dissected cadavers.

Methods of Evaluation: The student's learning will be assessed by the combination of written and practical examinations.

- Written exams – based on the material covered in class, including lectures and handouts.
- Practical exams – based on the cadaver and 3D model observations of dissected cadavers in lab.

Grading Components:

Exam 1	25% (12.5% written + 12.5% practical)
Exam 2	25% (12.5% written + 12.5% practical)
Exam 3	25% (12.5% written + 12.5% practical)
Final Exam	25% (12.5% written + 12.5% practical)

***** Final exam IS NOT cumulative *****

Grading Scale: The following grading scale is used for UTEP undergraduate courses

Numerical Grade	Letter Grade
90-100	A
80-89	B
79-79	C
60-69	D
Below 59	F

Course Policies:

Attendance Policy: All student must attend all scheduled classes, including the final examination session. Attendance will be taken every class. Family, pets, work and vacations are not acceptable excuses for absences or recurrent lateness, missed assignments or missed exams. Students registered for this course are assumed to have made arrangements to avoid scheduling conflicts.

Make-up exams: Make-up exams will not be given unless an emergency arises. In such cases, the student must contact the instructor within 24 hours of the scheduled exam time.

Extra Credit: A maximum of 5% will be added to the final grade. Extra credit quizzes will be given throughout the semester and the grades will be considered as extra credit.

Laptop and Tablet Use: The use of laptops or tablets is permitted during class for note taking purposes only provided the following rules are adhered to:

- Charge your laptop batteries fully before coming to class.
- Set your laptop volume control to mute or off before coming to class.
- Keep your laptop closed during presentations and other specific in-class activities.
- Do not engage in unauthorized communication or entertainment (web surfing, instant messaging, chat room chatting, DVD viewing, music playing, game playing, checking e-mail, etc.) during class unless it is part of the lesson.

Because improper use of laptops or tablets is distracting to all members of the class, if any student is found using their laptop in an inappropriate way, use of laptops will not be allowed in subsequent class meetings.

Other Electronic Devices: The use of other electronic devices (including, but not limited to, cell phones, smartphones, MP3 players, etc.) is not permitted. Make sure that **electronic copies of the book must be downloaded into a laptop or tablet**, the use of smartphones to access the book is not permitted.

University Statement on Academic Integrity: The University of Texas at El Paso prides itself on its standards of academic excellence. In all matters of intellectual pursuit, UTEP faculty and students must strive to achieve excellence based on the quality of work produced by the individual. In the classroom and in all other academic activities, students are expected to uphold the highest standards of academic integrity. Any form of scholastic dishonesty is an affront to the pursuit of knowledge and jeopardizes the quality of the degree awarded to all graduates of UTEP. It is imperative, there, that the members of this academic community understand the regulations pertaining to academic integrity and that all faculty insist on adherence to these standards.

Any student who commits an act of scholastic dishonesty is subject to discipline. Scholastic dishonest includes, but is not limited to, cheating, plagiarism, collusion, the submission for credit of any work or materials that are attributable in whole or in part to another person, taking an examination for another person, and any act designated to give unfair advantage to a student or the attempt to commit such acts. Proven violations of the detailed regulations, as printed in the

Handbook of Operating Procedures (HoOP) and available in the Office of the Dean of Students and the homepage of the Dean of Students at <http://studentaffairs.utep.edu/Default.aspx?tabid=4386>, may result in sanctions ranging from disciplinary probation, to failing a grade on the work in question, to a failing grade in the course, to suspension or dismissal, among others.

ADA: If you have or suspect a disability and need accommodations, you should contact the Center for Accommodations and Support Services (CASS) at 747-5148. You can also e-mail the office at cass@utep.edu or go by Room 106, Union Building East. For additional information, visit the DSSO website at <https://www.utep.edu/student-affairs/cass/>.

Laboratory Observations Policies

- These cadavers were obtained for anatomical study. These cadavers were unselfish and concerned individuals that had the foresight to contribute to the education of students. ***The anatomical specimens studied must be handled with respect and dignity at all times.***
- Cameras in the lab will be used by Dr. Conde. Otherwise, no cameras, pictures or video of the cadavers are allowed, including on camera phones.
- No cadaver tissue is to be taken outside of the laboratory at any time.
- Eating or drinking is not permitted in the laboratory.
- If there is a suspicion that a donor may be a relative or acquaintance of a student, the student should contact Dr. Conde.
- Garments worn in the laboratory must include long pants. Shoes worn in the lab must adequately protect the top of the foot and be closed at the toes. All persons handling cadavers are required to wear gloves, masks and protective eyewear.
- No radios, MP3 players, or electronic devices (including cell phones) are allowed in the lab at any time.
- Any injuries incurred in the laboratory should be reported immediately to Dr. Conde. To ensure a proper record of these events, an incident and injury form must be completed at the time of injury.
 - o Minor cuts and abrasions from cutting instruments or bone edges should be washed thoroughly with antibacterial soap and hot water (Found in the FIRST-AID cabinet).
 - o In case of a serious emergency call 911 (serious wounds should be treated by a physician immediately).
- Only students enrolled in this class are allowed in the cadaver lab.

Course Schedule: This outline is a tentative plan for the course. Any changes will be announced in advance by the instructor.

Date	Topic	Important Notes
1/18/2020	Martin Luther King Jr.	NO CLASS
1/20/2020	Introduction	
1/22/2020	Laboratory Introduction - Meeting the Cadavers	Dress for Lab
1/25/2020	Pectoral and Joint of the Upper Extremities	
1/27/2020	Arm and Cubital Fossa	
1/29/2020	Pectoral Region and Arm	Dress for Lab
2/1/2020	Forearm Flexors	
2/3/2020	Forearm Extensors and Hand	Census Day
2/5/2020	Forearm and Hands	Dress for lab
2/8/2020	Axilla and Posterior Shoulder	
2/10/2020	Back Spinal Cord	
2/12/2020	Axilla, Shoulder, Back and Spinal Cord	Dress for Lab
2/15/2020	Review Session 1	
2/17/2020	Written Exam 1	
2/19/2020	Practical EXAM 1	Dress for Lab
2/22/2020	Abdominal Wall and Viscera	
2/24/2020	Posterior Abdominal Wall/Diaphragm	
2/26/2020	Abdominal Area, Viscera and Diaphragm	Dress for Lab
3/1/2020	Thoracic Wall and Mediastinum	
3/3/2020	Thoracic Viscera	
3/5/2020	Thoracic Wall and Viscera	Dress for Lab
3/8/2020	Review Session 2	
3/10/2020	Written Exam 2	
3/12/2020	Practical Exam 2	Dress for Lab
3/15/2020	Spring Break	NO CLASS
3/17/2020		
3/19/2020		
3/22/2020	Hip, Thigh, Gluteal and Posterior Thigh	
3/24/2020	Hip, Thigh, Gluteal and Posterior Thigh	Dress for Lab
3/26/2020	Cesar Chavez Day	NO CLASS
3/29/2020	Posterior Thigh	
3/31/2020	Posterior Thigh	Dress for Lab
4/1/2020	Drop/Withdraw Deadline	
4/2/2020	Spring study day	NO CLASS
4/5/2020	Leg and Ankle	
4/7/2020	Perineum and Urogenital Region	
4/9/2020	Leg, Ankle and Urogenital Region	Dress for Lab
4/12/2020	Review Session 3	

4/14/2020	Written Exam 3	
4/16/2020	Practical Exam 3	Dress for Lab
4/19/2020	Face	
4/21/2020	Neck	
4/23/2020	Face and Neck	Dress for Lab
4/26/2020	Deep Face, Temporomandibular Joint (TMJ)	
4/28/2020	Orbit and Ear	
4/30/2020	Deep Face, TMJ, Orbit and Ear	Dress for Lab
5/3/2020	Brain	
5/5/2020	Brain	Dress for Lab
5/6/2020	Last day of classes	
5/7/2020	Dead Day	NO CLASS
FINAL EXAM DATE TO BE ANNOUNCED		

*** FINAL EXAM IS NOT CUMULATIVE ***

Degree Plan BS Rehabilitation Sciences

Required Credits: 120

Physical Therapy Concentration

Code	Title	Hours
Physical Therapy (PHTH)		
Designated Core (All courses require a grade of C or better)		
Required Courses:		
BIOL 1305	General Biology	3
BIOL 1306	Organismal Biology	3
MATH 1320	Math for Social Sciences I (or higher)	3
PSYC 1301	Introduction to Psychology	3
Core Curriculum		42
Complete the University Core Curriculum requirements		
Professional Preparation		65
Required Courses		
BIOL 1107	Topics in Study of Life I	1
BIOL 1108	Organismal Biology Laboratory	1
BIOL 2111	Human Anat/Physio Lab I	1
BIOL 2113	Human Anat/Physio Lab II	1
BIOL 2311	Human Anat/Physiology I	3
BIOL 2313	Human Anat/Physiology II	3
CHEM 1105	Laboratory for CHEM 1305	1
CHEM 1106	Laboratory for CHEM 1306	1

Code	Title	Hours
CHEM 1305	General Chemistry	3
CHEM 1306	General Chemistry	3
CLSC 3150	Medical Terminology	1
DRSC 1301	Intro to Rehab Sciences	3
DRSC 3302	Health & Wellness in Rehab Sci	3
DRSC 3311	Mental Health in Rehab Science	3
DRSC 3312	Hlth Care Policy for Rehab Sci	3
DRSC 3313	Health Info & Informat Systems	3
DRSC 4301	Scientific Inquiry in Rehab Sc	3
DRSC 4302	Verbal & Writ Comm in Rehab SC	3
DRSC 4311	The Sci of Collab in Rehab Sci	3
DRSC 4312	Prof Ethics in Rehab Sciences	3
PHYS 1403	General Physics I	4
PHYS 1404	General Physics II	4
PSYC 1303	Statistical Methods	3
PSYC 2310 or PSYC 2312	Life Cycle Development Intro to Abnormal Psychology	3
Prescribed Electives		14-15
Select 14-15 credit hours At least 12 credit hours must be upper division.		
ANTH 4363	Medical Anthropology	3
BIOL 3320	Genetics	3
BIOL 4388	Mammalian Physiology	3
DRSC 3330	History of Disability & Rehab	3

Code	Title	Hours
DRSC 3331	Evidence-based Pract in Rehab	3
DRSC 3332	Global Health Iss in Rehab Sci	3
DRSC 4190	Independent Study	1
DRSC 4290	Independent Study	2
DRSC 4330	Clinical Research for Rehab Sc	3
DRSC 4331	Assistive Tech in Rehab Scienc	3
DRSC 4390	Independent Study	3
DRSC 3401	Human Gross Anatomy	4
HSCI 1301	Fnd. of Hlth Sci. & Hlth Promo	3
HSCI 2302	Fundamentals of Nutrition	3
HSCI 2303	Wellness Dynamics	3
HSCI 3301	Community Health	3
HSCI 3306	Environmental Health	3
HSCI 3308	Disease Charc/Prevnt/Contrl	3
HSCI 3311	Introduction to Epidemiology	3
HSCI 3312	Theories & Meth of Hlth Behav	3
HSCI 3313	Foundations of Global Health	3
HSCI 3395	Seminar in Global Health	3
HSCI 4304	Public Health Administration	3
KIN 1303	Foundations of Kinesiology	3
KIN 4312	Exercise Physiology	3
KIN 4334	Coronary Intervention Programs	3
MICR 2141	Gen Microbiology Laboratory	1

Code	Title	Hours
<u>MICR 2340</u>	General Microbiology	3
<u>PSYC 2302</u>	Social Psychology	3
<u>PSYC 3101</u>	Lab for Gen Exper Psyc	1
<u>PSYC 3201</u>	Gen Experimental Psychology	2
<u>PSYC 3320</u>	Learning & Memory	3
<u>PSYC 3330</u>	Sensation and Perception	3
<u>PSYC 3331</u>	Cross-Cultural Psychology	3
<u>PSYC 3347</u>	Behavior Modification	3
<u>PSYC 3348</u>	Cognitive Psychology	3
<u>PSYC 3350</u>	Health Psychology	3
<u>PSYC 4313</u>	Physical & Cognitive Aging	3
<u>SOCI 3362</u>	Medical Sociology	3
<u>SOCI 4348</u>	Sociology of Disability	3
<u>WS 3375</u>	Women's Health	3
<u>WS 3394</u>	Gender, Health, & Medicine	3
<u>ZOOL 4181</u>	Vertebrate Physiology Methods	1
Free Electives		3-4
Select 3-4 hours of any subject at any level		
Total Hours		120

Degree Plan BS Rehabilitation Sciences

Occupational Therapy Concentration

Code	Title	Hours
Occupational Therapy (OCTH)		
Designated Core (All courses require a grade of C or better)		
Required Courses:		
BIOL 1305	General Biology	3
BIOL 2311	Human Anat/Physiology I	3
MATH 1320	Math for Social Sciences I (or higher)	3
PSYC 1301	Introduction to Psychology	3
Core Curriculum		42
Complete the University Core Curriculum requirements		
Professional Preparation		46
Required Courses		
BIOL 1107	Topics in Study of Life I	1
BIOL 2111	Human Anat/Physio Lab I	1
BIOL 2113	Human Anat/Physio Lab II	1
BIOL 2313	Human Anat/Physiology II	3
CLSC 3150	Medical Terminology	1
DRSC 1301	Intro to Rehab Sciences	3
DRSC 3302	Health & Wellness in Rehab Sci	3
DRSC 3311	Mental Health in Rehab Science	3
DRSC 3312	Hlth Care Policy for Rehab Sci	3
DRSC 3313	Health Info & Informat Systems	3

Code	Title	Hours
DRSC 4301	Scientific Inquiry in Rehab Sc	3
DRSC 4302	Verbal & Writ Comm in Rehab SC	3
DRSC 4311	The Sci of Collab in Rehab Sci	3
DRSC 4312	Prof Ethics in Rehab Sciences	3
PSYC 1303	Statistical Methods	3
PSYC 2310	Life Cycle Development	3
PSYC 2312	Intro to Abnormal Psychology	3
Select one upper division course from PSYC, SOCI, HSCI, or ANTH		
Prescribed Electives		27
Select 27 hours from the following:		
ANTH 4363	Medical Anthropology	3
BIOL 3320	Genetics	3
DRSC 3330	History of Disability & Rehab	3
DRSC 3331	Evidence-based Pract in Rehab	3
DRSC 3332	Global Health Iss in Rehab Sci	3
DRSC 4190	Independent Study	1
DRSC 4290	Independent Study	2
DRSC 4330	Clinical Research for Rehab Sc	3
DRSC 4331	Assistive Tech in Rehab Scienc	3
DRSC 4390	Independent Study	3
DRSC 3401	Human Gross Anatomy	4
HSCI 1301	Fnd. of Hlth Sci. & Hlth Promo	3
HSCI 2302	Fundamentals of Nutrition	3

Code	Title	Hours
<u>HSCI 2303</u>	Wellness Dynamics	3
<u>HSCI 3301</u>	Community Health	3
<u>HSCI 3304</u>	Health Perspectives in Aging	3
<u>HSCI 3306</u>	Environmental Health	3
<u>HSCI 3307</u>	Death, Dying and Bereavement	3
<u>HSCI 3308</u>	Disease Charc/Prevnt/Contrl	3
<u>HSCI 3311</u>	Introduction to Epidemiology	3
<u>HSCI 3312</u>	Theories & Meth of Hlth Behav	3
<u>HSCI 3313</u>	Foundations of Global Health	3
<u>HSCI 3395</u>	Seminar in Global Health	3
<u>HSCI 4304</u>	Public Health Administration	3
<u>PHYS 1403</u>	General Physics I	4
<u>PSYC 2302</u>	Social Psychology	3
<u>PSYC 3101</u>	Lab for Gen Exper Psyc	1
<u>PSYC 3201</u>	Gen Experimental Psychology	2
<u>PSYC 3320</u>	Learning & Memory	3
<u>PSYC 3330</u>	Sensation and Perception	3
<u>PSYC 3331</u>	Cross-Cultural Psychology	3
<u>PSYC 3347</u>	Behavior Modification	3
<u>PSYC 3348</u>	Cognitive Psychology	3
<u>PSYC 3350</u>	Health Psychology	3
<u>PSYC 4313</u>	Physical & Cognitive Aging	3
<u>SOCI 1301</u>	Introduction to Sociology	3

Code	Title	Hours
SOCI 3362	Medical Sociology	3
SOCI 4348	Sociology of Disability	3
WS 3375	Women's Health	3
WS 3394	Gender, Health, & Medicine	3
Free Electives		5
Select 5 hours with advisor approval		
Total Hours		120

BS Rehabilitation Sciences

Rehabilitation Counseling Concentration

Code	Title	Hours
Rehabilitation Counseling (RHCO)		
Designated Core (All courses require a grade of C or better)		
Required Courses:		
BIOL 1305	General Biology	3
BIOL 2311	Human Anat/Physiology I	3
MATH 1320	Math for Social Sciences I	3
PSYC 1301	Introduction to Psychology	3
Core Curriculum		42
Complete the University Core Curriculum requirements		
Professional Preparation		31
Required Courses		
CLSC 3150	Medical Terminology	1
DRSC 1301	Intro to Rehab Sciences	3
DRSC 3302	Health & Wellness in Rehab Sci	3
DRSC 3311	Mental Health in Rehab Science	3
DRSC 3312	Hlth Care Policy for Rehab Sci	3
DRSC 3313	Health Info & Informat Systems	3
DRSC 4301	Scientific Inquiry in Rehab Sc	3
DRSC 4302	Verbal & Writ Comm in Rehab SC	3
DRSC 4311	The Sci of Collab in Rehab Sci	3
DRSC 4312	Prof Ethics in Rehab Sciences	3

Code	Title	Hours
PSYC 1303	Statistical Methods	3
PSYC 2310	Life Cycle Development	3
PSYC 2312	Intro to Abnormal Psychology	3
Prescribed Electives		27
Select 27 credit hours from the following. At least 12 credit hours must be upper division.		
ANTH 4363	Medical Anthropology	3
BIOL 3320	Genetics	3
DRSC 3330	History of Disability & Rehab	3
DRSC 3331	Evidence-based Pract in Rehab	3
DRSC 3332	Global Health Iss in Rehab Sci	3
DRSC 4190	Independent Study	1
DRSC 4290	Independent Study	2
DRSC 4330	Clinical Research for Rehab Sc	3
DRSC 4331	Assistive Tech in Rehab Scienc	3
DRSC 4390	Independent Study	3
DRSC 3401	Human Gross Anatomy	4
HSCI 1301	Fnd. of Hlth Sci. & Hlth Promo	3
HSCI 2302	Fundamentals of Nutrition	3
HSCI 2303	Wellness Dynamics	3
HSCI 3301	Community Health	3
HSCI 3304	Health Perspectives in Aging	3
HSCI 3306	Environmental Health	3

Code	Title	Hours
<u>HSCI 3307</u>	Death, Dying and Bereavement	3
<u>HSCI 3308</u>	Disease Charc/Prevnt/Contrl	3
<u>HSCI 3311</u>	Introduction to Epidemiology	3
<u>HSCI 3312</u>	Theories & Meth of Hlth Behav	3
<u>HSCI 3313</u>	Foundations of Global Health	3
<u>HSCI 3395</u>	Seminar in Global Health	3
<u>HSCI 4304</u>	Public Health Administration	3
<u>PHYS 1403</u>	General Physics I	4
<u>PSYC 2302</u>	Social Psychology	3
<u>PSYC 3101</u>	Lab for Gen Exper Psyc	1
<u>PSYC 3201</u>	Gen Experimental Psychology	2
<u>PSYC 3320</u>	Learning & Memory	3
<u>PSYC 3330</u>	Sensation and Perception	3
<u>PSYC 3331</u>	Cross-Cultural Psychology	3
<u>PSYC 3347</u>	Behavior Modification	3
<u>PSYC 3348</u>	Cognitive Psychology	3
<u>PSYC 3350</u>	Health Psychology	3
<u>PSYC 4313</u>	Physical & Cognitive Aging	3
<u>SOCI 1301</u>	Introduction to Sociology	3
<u>SOCI 3362</u>	Medical Sociology	3
<u>SOCI 4348</u>	Sociology of Disability	3
<u>WS 3375</u>	Women's Health	3
<u>WS 3394</u>	Gender, Health, & Medicine	3

Code	Title	Hours
Free Electives		12
Select 12 hours with advisor approval, at least 6 credit hours must be upper division		
Total Hours		120

From: [Kirken, Robert](#)
To: [Dharamsi, Shafik](#); [Valencia, Carolina](#); [Cramer, Joel T](#)
Subject: DRSC 3401 Human Gross Anatomy LOS
Date: Wednesday, November 11, 2020 8:48:01 AM
Attachments: [image001.png](#)
[image002.png](#)
[image003.png](#)
[image004.png](#)
[image005.png](#)

Dear Dr. Dharamsi,

Please allow this letter to serve in strong support of your newly proposed Human Gross Anatomy course/lab. I know it will be of great interest to many students in my college, especially our pre-med students, as this course will better prepare them for a career in medicine. Since no course like this has ever been offered at UTEP, I would anticipate it to be well received by students of several other colleges as well. As you have explained to me, I am agreement with the structure and offering of the program as illustrated in the bullet points below.

- DRSC 3401 Human Gross Anatomy
- 2 hours of lecture + 2 hours of cadaver lab each week
- There are no existing courses at UTEP that offer cadaver observations
- Open to ALL students of sophomore standing and up
- Modules: Upper extremity and back; thorax and abdomen; lower limbs and pelvis; and head and neck

Wishing you much success in this unique learning opportunity that is typically reserved for students that only attend medical schools, I endorse this course offering.

Rob



Robert A. Kirken, Ph.D.

Dean College of Science

Steven McKnight Distinguished Professorship in Biological Sciences

Principal Investigator of the NIH-Sponsored Border Biomedical Research Center

The University of Texas at El Paso

500 W. University Ave.

El Paso, TX 79968

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From: [Castillo, Dahlia C](#)
To: [Valencia, Carolina](#)
Subject: Letter of support for Gross Anatomy Undergraduate Course
Date: Monday, October 19, 2020 7:23:52 PM
Attachments: [image003.png](#)

Dear Dr. Valencia,

This is a letter of support for the application for a new course with a cadaver experience for undergraduate students: DRSC 3401 Human Gross Anatomy.

The Master of Occupational Therapy (MOT) program has always had a rigorous Gross Anatomy course as a requirement. It is a preparatory course offered in the second semester of the eight semester MOT degree plan that provides students with foundational knowledge required for all subsequent occupational therapy courses. Students have consistently reported this course to be one of the most challenging courses of the MOT curriculum. Students report struggles with the course for various reasons including first time experience with cadavers, new nomenclature of the concepts presented, the vast amount of information and the length of time since taking two prerequisite biology courses in Basic Anatomy and Physiology.

Having students with an undergraduate exposure to cadaveric anatomy would help them tremendously to succeed in our program, decreasing the anxiety that our students often have during their first year in the MOT program.

The MOT program is looking forward to accepting future students who have taken the DRSC 3401 Human Gross Anatomy course.

Best wishes,



Dr. Dahlia Castillo

Program Director
Clinical Assistant Professor

Occupational Therapy
The University of Texas at El Paso
500 W. University Ave.
El Paso, TX 79968
Office: 915-747-8517
utep.edu/chs/ot/

From: [Gurovich, Alvaro](#)
To: [Valencia, Carolina](#)
Subject: Support for Undergraduate Anatomy course
Date: Monday, October 19, 2020 2:56:34 PM
Attachments: [image001.png](#)
[image002.png](#)
[image003.png](#)
[image004.png](#)
[image005.png](#)

Dear Dr. Valencia,

This note is to strongly support your application for a new course in Anatomy with cadaveric experience for Undergraduates.

As you can imagine, Anatomy in the Doctor of Physical Therapy program is one of the most challenging foundational courses that first year students have to register. It is normal that at least 50% of the students find this course very challenging and the reasons are not that the course per se is hard, but they feel that they are not well prepared. First, their pre-requisite Anatomy and Physiology is too basic and it has been taken at least 3 years ago; secondly, the fact that they need to work with cadavers, is an extra burden that takes time to master.

Having students with an undergraduate exposure to cadaveric anatomy in their junior or senior year would help them tremendously to succeed in our program, decreasing the anxiety that our students normally have during their first year in the DPT program.

At the DPT program, we look forward to see newly prepared DPT applicant with DRSC 3401 Human Gross Anatomy course.

Best wishes



Dr. Alvaro N Gurovich, PT, PhD, FACSM

Associate Professor
Program Director

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