

**TARLETON STATE UNIVERSITY**

**Graduate Council**

Lambert, Barry – <i>Chair</i>	Cook, Scott	Jones, Trinette
Shipman, Brandon – <i>ex-officio</i>	Dobbs, Rhonda	Martin, Randy
Hancock, Michele – <i>ex-officio</i>	Edwards, Cindy	Martinson, Brian
Becker, Melissa – <i>ex-officio</i>	Faulkenberry, Eileen	Mathewson, Heather
Caudle, Adelaide – <i>ex-officio</i>	Fragoso-Diaz, Gloria	Ryou, Myoung
Guay, Kimberly – <i>ex-officio</i>	Garcia, Elizabeth	Schuessler, Joseph
Newell, Violet – <i>ex-officio</i>	Geye, Trina	Smith, Martha
LaTouche, Jason – <i>ex-officio</i>	Glassner, Steven	Stafford, Paul
Morgan, Ryan – <i>ex-officio</i>	Goodpasture, James	Tarpley, Rudy
Foster, Ryan – <i>ex-officio</i>	Hall, Reginald	Westbrook, Gary
Barrett, Jeanelle	Herrmann, Kristin	Wigington, Tiffany
Cavazos, David	Holliman, Ryan	Xu, Jun
Cohen, Galia	Howell, Julie	

**Minutes from the Meeting of May 16, 2023**

Curriculum items submitted for Graduate Council action are available at <https://nextcatalog.tarleton.edu/courseleaf/approve/>. You can view items by logging in using your NTNET username and password.

Present: Lambert, Hancock, Becker, Caudle, Newell, Morgan, Foster, Barrett, Cook, Edwards, E. Faulkenberry, Garcia, Geye, Glassner, Herrmann, Holliman, Jones, Martinson, Mathewson, Schuessler, Smith, Stafford, Tarpley, Xu, Brenda Diaz

Absent: Guay, LaTouche, Cavazos, Cohen, Dobbs, Fragoso-Diaz, Goodpasture, Hall, Howell, Martin, Ryou, Westbrook, Wigington

**Agenda Item 1: Minutes of the April 18, 2023 meeting.**

Dr. Martinson moved to approve, Dr. Faulkenberry seconded, April 2023 minutes were approved.

**Agenda Item 2: Consent items**

Dr. Martinson moved to approve, Dr. Faulkenberry seconded, consent items were approved.

Department	Program/Course	Change Request	Item No.	Effective Term
Criminal Justice (CJ)	CRIJ 5314	Course Change	C565	202408
	Criminal Justice Capstone	Title and catalog description changed to more accurately reflect desired course and program outcomes.		
Med Lab, Pub Health, & Nutrition Science (MLPN)	MDLS 5092 Clinical Laboratory Practicum I	Course Change	C3654	202408
		Updated catalog course description		

**Agenda Item 3: Dept. of Animal Science**

Dr. Tarpley moved to approve and Dr. Jones seconded and presented, agenda item 3 was approved.

Department	Program/Course	Change Request	Item No.	Effective Term
Animal Science (ANSC)	ANSC 5310 Muscle Chemistry, Ultrastructure, and Physiology	<p style="text-align: center;">New Course</p> This course will provide both foundational and advanced information relevant for graduate students studying nutrition, reproduction, general physiology, meat science, and behavior. Currently, there is a gap between live animal nutrition and physiology and meat production. This course would serve to bridge that gap with an area of muscle biology and functional muscle chemistry.	C4836	202408
Animal Science (ANSC)	ANSC 5365 Minerals and Vitamins in Animal Nutrition	<p style="text-align: center;">New Course</p> This course will provide both foundational and advanced information relevant for graduate students studying nutrition, reproduction, general physiology, meat science, and behavior. Minerals and vitamins are usually only discussed as a brief subset of information covered in all of the nutrition and metabolism courses, but are rarely discussed to the degree that macro nutrients are.	C4835	202408

**Agenda Item 4: Dept. of Wildlife and Natural Resources**

Dr. Mathewson presented and moved to approve, Dr. Tarpley seconded, agenda item 4 was approved.

Department	Program/Course	Change Request	Item No.	Effective Term
Wildlife & Natural Resources (WLNR)	ARSC 6310 Muscle Chemistry, Ultrastructure, and Physiology	<p style="text-align: center;">New Course</p> This course will provide both foundational and advanced information relevant for graduate students studying nutrition, reproduction, general physiology, meat science, and behavior. Currently, there is a gap between live animal nutrition and physiology and meat production. This course would serve to bridge that gap with an area of muscle biology and functional muscle chemistry.	C4838	202408
Wildlife & Natural Resources (WLNR)	ARSC 6365 Minerals and Vitamins in Animal Nutrition	<p style="text-align: center;">New Course</p> This course will provide both foundational and advanced information relevant for graduate students studying nutrition, reproduction, general physiology, meat science, and behavior. Minerals and vitamins are usually only discussed as a brief subset of information covered in all of the nutrition and metabolism courses, but are rarely discussed to the degree that macro nutrients are.	C4837	202408
Wildlife & Natural Resources (WLNR)	ARSC 6320 Advanced Production Economics	<p style="text-align: center;">New Course</p> This course will support the newly proposed ANRS-PHD.	C4944	202408
Wildlife & Natural Resources (WLNR)	ARSC 6312 Conservation Biology	<p style="text-align: center;">New Course</p> Required for the ANRS-PhD program. There are currently no doctoral level conservation biology courses.	C4939	202408
Wildlife & Natural Resources (WLNR)	ARSC 6321 Pollinator Ecology	<p style="text-align: center;">New Course</p> Required for the ANRS-PhD.	C4940	202408

Wildlife & Natural Resources (WLNR)	ARSC 6322 Carnivore Ecology	New Course Required for the ANRS-PhD.	C4941	202408
Wildlife & Natural Resources (WLNR)	ARSC 6327 Avian Ecology	New Course Required for the ANRS-PhD.	C4942	202408
Wildlife & Natural Resources (WLNR)	ARSC 6331 Wetland Ecology	New Course Required for the ANRS-PhD.	C4943	202408
Wildlife & Natural Resources (WLNR)	ARSC 6370 Advanced Applied Quantitative Methods	New Course Course is required to support the PhD in Animal and Natural Resource Sciences.	C4949	202408

### **Agenda Item 5: Dept. of Medical Science**

Dr. Diaz presented, Dr. Mathewson moved to approve and Dr. Martinson seconded, agenda item 5 was approved.

Department	Program/Course	Change Request	Item No.	Effective Term
Medical Science (MEDS)	PAM-MMSc: Master of Medical Science in Physician Assistant Medicine	New Program  According to the U.S. Department of Labor/Employment and Training Administration (O-Net) the number of jobs for Physician Assistants in the state of Texas is expected to increase at a higher rate than the national average published by the US Bureau of Labor Statistics (BLS) for the period between 2020-2030. Projections suggest that the rate of job growth for Physician Assistants in Texas will be 41.35% during this ten-year period compared to 28% nationally. The Texas Health and Human Services Health Professions Resources Center reported that although the Physician Assistant workforce in Texas has improved, the state still has fewer Physician Assistants per capita than the national average. The same report revealed that Physician Assistants provide a significant amount of care in underserved rural areas that lack a sufficient number of physicians. With a relatively low number of Physician Assistants and a high level of demand for the services they provide, employers are offering impressive compensation packages. Analysis of primary care shortages in Texas indicates that as of July 2021, 249 of Texas' 254 counties have areas with shortages of primary care physicians. In 228 of these counties, the entire county has a shortage nearly double what it was as of 2019. Increasing the number of board certified, licensed Physician Assistants in the state is key to helping fill this void. Finally, according to the 2021 Statistical Profile of Certified Physician Assistants an Annual Report of the National Commission on Certification of Physician Assistants of the 10,000 Physician Assistants in Texas only 20% work in medically underserved communities and only 30% work in Primary Care. The report also indicated that 5% of the currently certified Physician Assistants in Texas plan to retire in the next 5 years. These findings confirm the growing need for Physician Assistants in the United States, specifically medically underserved rural regions of Texas. The TSU MMSc-PAM program has been designed specifically to meet the needs of rural communities in Texas and beyond.	P357	202508
Medical Science (MEDS)	PAHS 5008 Interprofessional Seminar I: Roles and Responsibilities	New Course  This is a required course for the degree and program accreditation (ARC-PA B2.10)	C4897	202508

Medical Science (MEDS)	PAHS 5009 Interprofessional Seminar II: Interprofessional Communication	New Course This a required course for the degree and program accreditation (ARC-PA B2.10)	C4898	202508
Medical Science (MEDS)	PAHS 5010 Interprofessional Seminar III: Ethics and Values	New Course This course is required for the degree and program accreditation (ARC-PA B2.10)	C4899	202508
Medical Science (MEDS)	PAHS 5011 Interprofessional Seminar IV: Teams and Teamwork	New Course This is a required course for the degree and program accreditation (ARC-PA B2.10)	C4900	202508
Medical Science (MEDS)	PAHS 5105 Epidemiology and Biostatistics: An Introduction to Clinical Research	New Course This is a required course for the degree and program accreditation (ARC-PA B2.13b,d)	C4894	202508
Medical Science (MEDS)	PAHS 5107 The Physician Assistant: Delivering Healthcare in Rural America and Beyond	New Course This is a required course for the degree and accreditation (ARC-PA B2.06f, B2.14a-d, B2.16a-d, B2.17a-g, B2.19a-c, B2.20 a,b)	C4896	202508
Medical Science (MEDS)	PAHS 5124 Public Health: Principles, Policy, and Rural Health Advocacy	New Course This is a required course for the degree and program accreditation (ARC-PA B.206f, B2.15a-d)	C4913	202508
Medical Science (MEDS)	PAHS 5125 Cultural Issues in Healthcare	New Course This is a required course for the degree and program accreditation (ARC-PA B2.06b,c,d, B2.12a-c)	C4914	202508
Medical Science (MEDS)	PAHS 5129 Applied Medical Genetics	New Course This is a required course for the degree and program accreditation (ARC-PA B2.02e)	C4918	202508
Medical Science (MEDS)	PAHS 5130 Ethics, Law, and Social Justice in Medicine	New Course This is a required course for the degree and program accreditation (ARC-PA B2.18 B2.19a-c)	C4919	202508
Medical Science (MEDS)	PAHS 5149 Summative Seminar	New Course This is a required course for the MMSc-PAM program.	C4938	202508
Medical Science (MEDS)	PAHS 5201 Medical Physiology	New Course This is a required course for the degree and program accreditation (ARC-PA B2.02c)	C4890	202508
Medical Science (MEDS)	PAHS 5202 Pharmacology I	New Course This is a required course for the degree and accreditation (ARC-PA B2.02d)	C4891	202508
Medical Science (MEDS)	PAHS 5203 Pharmacology II	New Course This is a required course for the degree and program accreditation (ARC-PA B2.02d)	C4892	202508
Medical Science (MEDS)	PAHS 5204 Pharmacology III	New Course This is a required course for the degree and program accreditation (ARC-PA B2.02d)	C4893	202508

Medical Science (MEDS)	PAHS 5215 Pathophysiology of Disease I	New Course This is a required course for degree and program accreditation (ARC-PA B2.02c)	C4904	202508
Medical Science (MEDS)	PAHS 5216 Pathophysiology of Disease II	New Course This is a required course for degree and program accreditation (ARC-PA B2.02c)	C4905	202508
Medical Science (MEDS)	PAHS 5217 Clinical Laboratory and Diagnostics I	New Course This a required course for the degree and program accreditation (ARC-PA B2.05)	C4906	202508
Medical Science (MEDS)	PAHS 5218 Clinical Laboratory and Diagnostics II	New Course This is a required course for the degree and program accreditation (ARC-PA B2.05)	C4907	202508
Medical Science (MEDS)	PAHS 5221 Evidence Based Medicine I	New Course This is required course for the degree and program accreditation (ARC-PA B2.13a-e)	C4910	202508
Medical Science (MEDS)	PAHS 5222 Evidence Based Medicine II	New Course This is a required course for the degree and program accreditation (ARC-PA B2.13a-e)	C4911	202508
Medical Science (MEDS)	PAHS 5223 Evidence Based Medicine III	New Course This is a required course for the degree and program accreditation (ARC-PA B2.13a-e)	C4912	202508
Medical Science (MEDS)	PAHS 5226 Advanced Clinical Pharmacotherapeutics	New Course This is a required course for the degree and program accreditation (ARC-PA B2.02d, B2.04, B2.05)	C4915	202508
Medical Science (MEDS)	PAHS 5228 Behavioral Medicine	New Course This is a required course for the degree and program accreditation (ARC-PA B2.06a-f B2.11)	C4917	202508
Medical Science (MEDS)	PAHS 5241 Integration of Clinical Concepts in Rural Health Practice	New Course This is a required course for the Scholarly Concentration Track in Rural Medicine.	C4930	202508
Medical Science (MEDS)	PAHS 5242 Advanced Clinical Skills in Rural Health Practice	New Course This is a required course for the Scholarly Concentration Track in Rural Medicine.	C4931	202508
Medical Science (MEDS)	PAHS 5243 Rural Health Policy and Advocacy	New Course This is a required course for the Scholarly Concentration Track in Rural Medicine.	C4932	202508
Medical Science (MEDS)	PAHS 5244 Leadership in Health Administration	New Course This is a required course for the Scholarly Concentration Track in Rural Medicine	C4933	202508

Medical Science (MEDS)	PAHS 5245 Integration of Behavioral and Mental Health Services in Rural Primary Care Practice	New Course This is a required course for the Scholarly Concentration Track in Behavioral and Mental Medicine.	C4934	202508
Medical Science (MEDS)	PAHS 5246 Integration of Clinical Concepts in Adult Behavioral and Mental Health	New Course This is a required course for the Scholarly Concentration Track in Behavioral and Mental Medicine.	C4935	202508
Medical Science (MEDS)	PAHS 5247 Integration of Clinical Concepts in Child and Adolescent Behavioral and Mental Health	New Course This is a required course for the Scholarly Concentration Track in Behavioral and Mental Medicine.	C4936	202508
Medical Science (MEDS)	PAHS 5248 Rural Mental Health Policy and Advocacy	New Course This is a required course for the Scholarly Concentration Track in Behavioral and Mental Medicine.	C4937	202508
Medical Science (MEDS)	PAHS 5331 Graduate Research Project	New Course This is a required course for the degree and program accreditation (ARC-PAvB2.13a-e)	C4920	202508
Medical Science (MEDS)	PAHS 5406 Medical Interviewing, Counseling and Documentation	New Course Required course for the degree and accreditation (ARC-PA B2.01a)	C4895	202508
Medical Science (MEDS)	PAHS 5419 Physical Assessment and Diagnosis I	New Course This is a required course for the degree and program accreditation (ARC-PA B2.04,B2.05)	C4908	202508
Medical Science (MEDS)	PAHS 5420 Physical Assessment and Diagnosis II	New Course This is a required course for the degree and program accreditation (ARC-PA B2.04, B2.05)	C4909	202508
Medical Science (MEDS)	PAHS 5427 Clinical Skill and Procedures	New Course This course is required for the degree and program accreditation (ARC-PA B2.09)	C4916	202508
Medical Science (MEDS)	PAHS 5500 Clinical Anatomy and Radiology with Lab	New Course This is a required course for the degree and program accreditation (ARC-PA B2.02a)	C4889	202508
Medical Science (MEDS)	PAHS 5532 Behavioral and Mental Health Clerkship	New Course This is a required course for the degree and program accreditation (ARC-PA B3.07g)	C4921	202508
Medical Science (MEDS)	PAHS 5533 Emergency Medicine Clerkship	New Course This is a required course for the degree and program accreditation (ARC-PA B3.07b)	C4922	202508
Medical Science (MEDS)	PAHS 5534 Family Medicine Clerkship	New Course This is a required course for the degree and program accreditation (ARC-PA B3.07a)	C4923	202508
Medical Science (MEDS)	PAHS 5535 Internal Medicine Clerkship	New Course This is a required course for the degree and program accreditation (ARC-PA B3.07c)	C4924	202508

Medical Science (MEDS)	PAHS 5536 Pediatrics Clerkship	New Course This is a required course for the degree and program accreditation (ARC-PA B3.07e)	C4925	202508
Medical Science (MEDS)	PAHS 5537 Surgery Clerkship	New Course This is a required course for the degree and program accreditation (ARC-PA B3.07d)	C4926	202508
Medical Science (MEDS)	PAHS 5538 Women's Health Clerkship	New Course This is a required course for the degree and program accreditation (ARC-PA B3.07f)	C4927	202508
Medical Science (MEDS)	PAHS 5539 Selective Clerkship I	New Course This is a required course for the degree and program accreditation (ARC-PA B3.07)	C4928	202508
Medical Science (MEDS)	PAHS 5540 Selective Clerkship II	New Course This is a required course for the degree and program accreditation (ARC-PA B3.07)	C4929	202508
Medical Science (MEDS)	PAHS 5612 Clinical Medicine I	New Course This is a required course for the degree and program accreditation (ARC-PA B2.03, B2.05, B2.07a-f)	C4901	202508
Medical Science (MEDS)	PAHS 5613 Clinical Medicine II	New Course This is a required course for the degree and program accreditation (ARC-PA B2.03, B2.05, B2.07a-f)	C4902	202508
Medical Science (MEDS)	PAHS 5614 Clinical Medicine III	New Course This is a required course for the degree and program accreditation (ARC-PA B2.03, B2.05, B2.07a-f)	C4903	202508