

Exercise Science
Pre Health Professional Track for MSU's Accel OT Option 2018-2019

Fall Semester	Cr	Spring Semester	Cr
BIO 101 Biological Concepts or BIO 221 Zoology	4	BIO 227/228 Human Anatomy and lab	4
EXS 100T Transitions	1	EXS 101 Introduction to EXS	3
STA 135 Intro to Prob. And Statistics or MAT 140 College Algebra	4	PSY 180 General Psychology (Pre OT)	3
ENG 105 Critical Reading, Writing and Inquiry	4	MAT 145 Trigonometry	3
US studies elective: Global Awareness	3	COM 161 Intro. to Public Speaking	3
TOTAL	16	TOTAL	16
Fall Semester	Cr	Spring Semester	Cr
BIO 229/230 Human Physiology	4	EXS 350/351 Exercise Physiology and lab	4
EXS 370 Kinesiology	3	EXS 200 Scholarly Writing in EXS <u>and</u> EXS 201 Data Evaluation in EXS	3
NTN 230 Nutrition	3	CHE 111 Essentials of Chemistry and Biochemistry or CHE 201 General College Chemistry	5
BIO 120 Scientific Etymology	1	BIO 220 Clinical Terminology	2
STA 135 Intro to Prob. And Statistics	4		
TOTAL	15	TOTAL	14
Fall Semester	Cr	Spring Semester	Cr
EXS 353/354 Exercise Testing and Prescription lecture and lab	4	EXS 415 Exercise Testing and Prescription for Clinical Populations.	3
EXS 301 Care and Prevention of Injuries	3	PSY 307 Abnormal Psychology	3
EXS 333 Strength and Conditioning	3	EXS 375 Biomechanics	3
PSY 260 Lifespan Development	3	PHI 202 Ethics or HEA 260 Intro. to Medical Ethics	3
CIV 201 or 202 World Civ.	3	HUM 211 Hum. in the Modern World	
TOTAL	16	TOTAL	variable

If accepted to the MSOT program, begin graduate classes at the Paducah Regional Campus in the summer.

Master of Science in Occupational Therapy (MSOT)

Curriculum

Total Hours: 72

OTR 600: OT Foundations I	3	OTR 620: OT Foundations II	3	OTR 643: OT Neurological Evaluation and Interventions	3
OTR 603: OT Functional Anatomy	3	OTR 623: OT Culture and Context	1	OTR 646: Administration and Management of Therapy Services	3
OTR 606: OT Evaluation Techniques	3	OTR 626: Occupational Development	3	OTR 650: OT Media and Modalities I	3
OTR 610: OT Disease & Performance	3	OTR 630: OT Biomechanical Evaluation & Interventions	3	OTR 653: Pediatric Evaluation and Interventions	3
OTR 613: Occupational Science	2	OTR 635: OT Neuroscience	3	OTR 655: Clinical Practicum II	1
		OTR 640: Clinical Practicum I	1		
	14		14		13
OTR 660: OT Evidence-Based Practice	3	OTR 672: Level 2 Fieldwork I	6	OTR 676: Level 2 Fieldwork II	6
OTR 663: Psychosocial Evaluation and Interventions	3	OTR 674: Clinical Research I	3	OTR 678: Clinical Research II	3
OTR 665: OT Media and Modalities II	3				
OTR 667: Community- Based Practice	3				
OTR 670: Clinical Practicum III	1				
	13		9		9

For additional information, please refer to the current Academic Bulletin and the MSOT website at <https://www.murraystate.edu/academics/CollegesDepartments/nursing-and-health-professions/AHS/ot/>