

Exercise Science (EXS) Suggested Progression for Accelerated EXS to MS in Occupational Therapy 2022-2023

Freshman Year			
Fall Semester	Cr	Spring Semester	Cr
BIO 101 Biological Concepts and BIO 100	4	BIO 227/228 Human Anatomy and lab	4
EXS 100T Transitions	1	EXS 101 Introduction to EXS	3
MAT 140 College Algebra	4	MAT 145 Trigonometry	3
ENG 105 Critical Reading, Writing and Inquiry	4	PSY 180 General Psychology	3
COM 161 Public Speaking	3	NTN 230 Nutrition	3
TOTAL	16	TOTAL	16

Sophomore Year			
Fall Semester	Cr	Spring Semester	Cr
BIO 229/230 Human Physiology	4	EXS 370 Kinesiology	3
EXS 275 Exercise Instruction	3	EXS 350/351 Exercise Physiology (3) and lab (2)	5
EXS 200 Scholarly Writing in EXS	2	CHE 111 Essentials of Chem/Biochem or CHE 201 General College Chemistry	5
STA 135 Intro to Prob. And Statistics	4	Restricted elective (BIO 220)	3
PSY 260 Lifespan Development	3		
TOTAL	16	TOTAL	16

Junior Year			
Fall Semester	Cr	Spring Semester	Cr
EXS 353/354 Exercise Testing lecture and lab	4	EXS 333 Strength and Conditioning	3
EXS 301 Care and Prevention of Injuries	3	EXS 405 Exercise Prescription	3
PSY 307 Abnormal Psychology	3	US Historical Perspectives	3
US Studies (US) Creative Perspectives	3	US Literary and Philosophical Perspectives (e.g.HUM 211)	3
US Cultural and Diverse Perspectives and Responsible Citizenship (e.g. PHI 202)	3		
TOTAL	16	TOTAL	12

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

Important: MSU's Accelerated route is **ONLY** for Murray State students pursuing an Exercise Science degree. Progression through the EXS Pre Health Professional curriculum and completing all admission requirements does not guarantee acceptance to the MSOT program. Admission is competitive and selective. Students not accepted through the accelerated route will complete the EXS program curriculum to graduate with a BS in Exercise Science.

The accelerated, or 3+2, route provides students an opportunity to complete a bachelor's and master's degree within five years. **ONLY** Murray State Exercise Science students who complete specific requirements* are eligible to apply for the accelerated option. If accepted into the MSU's MSOT program, conferral of the bachelor's degree in Exercise Science will occur after the completion of EXS-MSOT aligned courses (or after the 1st or 2nd semester in the MSOT program), and conferral of the MSOT degree will occur upon completion of all MSOT program requirements.

Specific EXS program course requirements: In addition to the University Studies courses, the graduate school prerequisites, the 3.2/4.0 GPA overall and prerequisite GPA, and meeting the 90+ hours complete (senior status), students applying for consideration for the accelerated EXS-MSOT program must complete the following EXS courses by the spring semester prior to the start of the fall MSOT coursework: EXS 101, 200, 275 (2022 Catalog and beyond), 301, 333, 350/351, 353, 354, 370, and 405.

Master of Science in Occupational Therapy (MSOT) Curriculum (72 hours)

Year 1 Fall Semester	Cr	Year 1 Spring Semester	Cr	Year 1 Summer Semester	Cr
OTR 700: OT Foundations	4	OTR 720 Evidence Based Practice & Scholarship I	3	OTR 742 OT Creative Media	4
OTR 704 Applied Kinesiology in OT	3	OTR 722 Psychosocial Practice in OT	4	OTR 744 Applied Neuroscience in OT	5
OTR 712 OT Evaluation & Communication	3	OTR 728 Occupational Performance & Therapeutic ADL/IADL Skills	3	OTR 750 Clinical Practicum II	1
OTR 716 OT Functional Pathophysiology	3	OTR 734 Applied Orthopedics with Physical Dysfunction in OT	5		
		OTR 740 Clinical Practicum I	1		
TOTAL	13	TOTAL	16	TOTAL	10
Year 2 Fall Semester	Cr	Year 2 Spring Semester	Cr	Year 2 Summer Semester	Cr
OTR 748 Principles of Physical Agent Modalities in OT	3	OTR 774 Professional Seminar in OT I	1	OTR 790 Professional Fieldwork II	6
OTR 760 Evidence Based Practice & Scholarship II	4	OTR 780 Professional Fieldwork I	6	OTR 794 Professional Seminar in OT II ONLINE	2
OT 764 Advanced Roles in OT	2	OTR 788 Professional Development I ONLINE	2	OTR 798 Professional Development II ONLINE	2
OT	3				
OTR 778 OT Leadership & Management	2				
TOTAL	14	TOTAL	9	TOTAL	10