

Exercise Science- Medical Sciences Concentration
2024-2025

	<u>FALL</u>	<u>FIRST YEAR</u>	<u>CH</u>	<u>GRADE</u>		<u>Sem Taken</u>
				<u>MT</u>	<u>Final</u>	
	EXSS 12000	Anatomy & Physiology I	4			
	EXSS 12500	Foundations of Human Perf/Well	2			
	IC CORE	Ithaca Seminar	4			
	WRIT 10600	Academic Writing	4			
		SEM CH:		SEM GPA:		
		CUM CH:		CUM GPA:		

	<u>SPRING</u>	<u>FIRST YEAR</u>	<u>CH</u>	<u>GRADE</u>		<u>Sem Taken</u>
				<u>MT</u>	<u>Final</u>	
	EXSS 12100	Anatomy & Physiology II	4			
	MATH xxxxx/IC CORE	Statistics Elective (see back) (Q)	3-4			
	**Medical Science Seq	Med Sci Elective	4			
	IC CORE	Themes and Perspectives (HM)	3			
		Free Elective	2-3			
		SEM CH:		SEM GPA:		
		CUM CH:		CUM GPA:		

	<u>FALL</u>	<u>SOPHOMORE</u>	<u>CH</u>	<u>GRADE</u>		<u>Sem Taken</u>
				<u>MT</u>	<u>Final</u>	
	EXSS 20200	Sport and Exercise Psych	3			
	HLTH 20200	Human Nutrition	3			
	**Medical Science Seq	Med Sci Elective	4			
	**Medical Science Seq	Med Sci Elective	4			
	NOTE: PHYS 10100 needs to be taken before the start of the junior year					
		SEM CH:		SEM GPA:		
		CUM CH:		CUM GPA:		

	<u>SPRING</u>	<u>SOPHOMORE</u>	<u>CH</u>	<u>GRADE</u>		<u>Sem Taken</u>
				<u>MT</u>	<u>Final</u>	
	EXSS 22000	Kinesiology	4			
	EXSS 24600	P&C of Athletic Injuries	3			
	**Medical Science Seq	Med Sci Elective	4			
	**Medical Science Seq	Med Sci Elective	4			
		SEM CH:		SEM GPA:		
		CUM CH:		CUM GPA:		

	<u>FALL</u>	<u>JUNIOR</u>	<u>CH</u>	<u>GRADE</u>		<u>Sem Taken</u>
				<u>MT</u>	<u>Final</u>	
	EXSS 37500/IC CORE	Research Methods (WI)	3			
	EXSS 30600	Biomechanics	4			
	**Medical Science Seq	Med Sci Elective	4			
	IC CORE	Themes and Perspectives (SO)	3			
		Free Elective	3			
		SEM CH:		SEM GPA:		
		CUM CH:		CUM GPA:		

	<u>SPRING</u>	<u>JUNIOR</u>	<u>CH</u>	<u>GRADE</u>		<u>Sem Taken</u>
				<u>MT</u>	<u>Final</u>	
	EXSS 32000	Neuromuscular Control	3			
	EXSS 32100	Exercise Physiology	4			
	**Medical Science Seq	Med Sci Elective	4			
	IC CORE	Themes and Perspectives (CA)	3			
		Psychology Elective	3			
		SEM CH:		SEM GPA:		
		CUM CH:		CUM GPA:		

	<u>FALL</u>	<u>SENIOR</u>	<u>CH</u>	<u>GRADE</u>		<u>Sem Taken</u>
				<u>MT</u>	<u>Final</u>	
	EXSS 47500	Research Team I	3			
	**Medical Science Seq	Med Sci Elective	4			
	IC CORE	Diversity Elective (D)	3			
	MATH xxxx (see back)	Math Elective	4			
		SEM CH:		SEM GPA:		
		CUM CH:		CUM GPA:		

	<u>SPRING</u>	<u>SENIOR</u>	<u>CH</u>	<u>GRADE</u>		<u>Sem Taken</u>
				<u>MT</u>	<u>Final</u>	
	EXSS 47700/IC CORE	Research Team II (CAP)	3			
	**Medical Science Seq	Med Sci Elective	4			
		Free Elective	3			
		Free Elective	2			
		SEM CH:		SEM GPA:		
		CUM CH:		CUM GPA:		

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Math Electives:

MATH 10800	Applied Calculus	4
MATH 11100	Calculus	4

Statistics Electives

MATH 14400	Statistics for Bus, Econ & MGT	4
MATH 14500	Statistics for Hlth, Life & SS	4
MATH 15500	Basic Statistical Reasoning	3
PSYCH 20700	Statistics in Psychology	4

Medical Science Electives

BIOL 11900	Fundamentals Bio I	4
BIOL 12000	Fundamentals Bio II	4
	or	
BIOL 12100	Principles of Bio I	4
BIOL 12200	Principles of Bio II	4
	and	
CHEM 12100	Principles of Chem	3
CHEM 12200	Chemistry Lab	1
CHEM 11200	Organic Chemistry & Biochem	3
CHEM 11400	Chemistry Lab	1
	or	
CHEM 12100	Principles of Chem	4
CHEM 22100	Organic Chemistry I	3
CHEM 22300	Organic Chemistry I Lab	1
CHEM 22200	Organic Chemistry II	3
CHEM 22400	Organic Chemistry II Lab	1
CHEM 23200	Quantitative Chem	3
CHEM 23400	Quant Chem Lab	1
	and	
PHYS 10100	Introduction to Physics I	4
	or	
PHYS 10100	Introduction to Physics I	4
PHYS 10200	Introduction to Physics II	4
	and	
EXSS 44700	Pathophysiology	3
	or	
BIOC 35300	Biomechemistry Protein/structure/fi	3
	or	
BIOC 33300	Biomechemistry and Molecular	3