

### Biomedical Sciences

UHSP #	UHSP Course Title	Hours	McKendree	Hours	Design your Own - Biomedical Sciences	McKendree Graduation Requirements
BIOL-1111	Introductory Biology I	4	BIO-110	4	Principles of Cellular and Molecular Biology	Minimum 120 hours to graduate
CHEM-1105	General Chemistry I	4	CHE-105	4	General Chemistry I	30 hours 300/400 level courses
MATH-1110	Applied Calculus for Health Sciences	3	MTH-210	3	Calculus I	30 hours at McKendree
WRIT-1101	The Effective Writer	3	ENG-111	3		30 hours of general education core required courses
	Foundations of Learning	1	UNI-101	1		2 writing intensive courses
BIOL-1112	Introductory Biology II	4	BIO-111	4	Principles of Organismal and Population Biology	A maximum of 90 hours are accepted in transfer credit
CHEM-1106	General Chemistry II	4	CHE-106	4	General Chemistry II	
MATH-1120	Biostatistics	3	BIO-300	3	Biostatistics	
WRIT-1102	The Writer as Advocate	3	ENG-112	3		
COMM-1100	Public Speaking	3	COM-100	3		
BIOL-2280	Anatomy and Physiology I	4	BIO-308	4	Human Anatomy and Physiology I	
BIOL-2250	Genetics	3	BIO-211	3	Genetics	
CHEM-1231	Organic Chemistry I	4	CHE-205	4	Organic Chemistry I	
	Humanities and Fine Arts General Education	3	GEN-ED	3		
BIOL-2282	Anatomy and Physiology II	4	BIO-309	4	Human Anatomy and Physiology II	
BIOL-2270	Microbiology	4	BIO-311	4	Microbiology	
CHEM-1232	Organic Chemistry II	4	CHE-206	4	Organic Chemistry II	
	Humanities and Fine Arts General Education	3	GEN-ED	3		
CHEM-3321	Biochemistry	4	CHE-303	4	Principles of Biochemistry	
PHYS-3211	Physics I	4	PHY-211	4	General Physics: Mechanics, Heat, Sound	
PSYC-2210	Principles of Psychology	3	PSY-153	3		
	Humanities and Fine Arts General Education	3	GEN-ED	3		
PHYS-3212	Physics II	4	PHY-212	4	General Physics: Electricity, Magnetism, Optics	
	300- or 400-Level Writing Intensive Elective	3		3		
BIOL-3310	Cell Biology	3	BIO-313	3	Cellular Biology	
	Advanced Biology Selective	3	BIO-ELEC	3		
SOCI-2210	Principles of Sociology	3	SOC-150	3		
BIOL-4201	Molecular Biology and Genetics	4	BIO-340	4	Developmental Biology	
	Advanced Biology Selective	3	BIO-ELEC	3		
	Advanced Biology Selective	3	BIO-ELEC	3		
BIOL-4310	Biology Seminar	1	BIO-451	1	Seminar in Biology	
	Elective	3	GNL-ELEC	3		
	300- or 400-Level Writing Intensive Elective	3		3		
	Advanced Biology Selective	3	BIO-ELEC	3		
	Advanced Biology Selective	3	BIO-ELEC	3		
	300- or 400-Level Elective	3	GNL-ELEC	3		
	Elective	3	GNL-ELEC	3		
		120				