

DENTISTRY			PAC Website	
Course #	Course Name	Credits		
BIOL 171/171L and 172/172L	Introduction to Biology I and II	8		
BIOC 141 or higher	Biochemistry	3 - 4		
CHEM 161/161L and 162/162L	General Chemistry I and II*	8		
CHEM 272/272L and 273/273L	Organic Chemistry I and II	10		
ENG 100 and 200	Composition I and II	3 - 12		
MATH 140 or higher	Precalculus or higher	3		
MICR 130 or higher	Microbiology*	3		
PHYL 141/141L and 142/142L OR PHYL 301/301L and 302/302L	Human Anatomy and Physiology I and II**	8		
PHYS 151/151L and 152/152L OR PHYS 170/170/L and 272/272L	College Physics I and II (or General Physics I and II)	8 - 9		
* Some school require a microbiology lab				
** It is strongly recommended to check with each school for specific requirements. Oregon Health & Science University School of Dentistry requires PHYL 301/301L and 302/302L. Please note that if you are retaking courses because dental schools may not accept Advanced Placement (AP), online, or community college credit, your financial aid and/or scholarship status may be affected.				

ALLOPATHIC MEDICINE			PAC Website	
Course #	Course Name	Credits		
BIOL 171/171L and 172/172L	Introduction to Biology I and II	8		
CHEM 161/161L and 162/162L	General Chemistry I and II	8		
CHEM 272/272L and 273/273L	Organic Chemistry I and II	10		
BIOC 141 or higher (BIOL 402 / BIOC 441) *	Biochemistry	3 - 4		
PHYS 151/151L and 152/152L OR PHYS 170/170L and 272/272L	College Physics I and II (or General Physics I and II)	8 - 9		
ENG 100 and higher	Composition I and higher (2 courses)	6		
BIOL/BOT 220**, ECON 321, NREM 310, or PSY/SOCS 225 AND / OR MATH 215/241 and/or MATH 216/242	Statistics and/or Calculus***	3 - 8		
* BIOL/MBBE/PEPS 402 or BIOC 441 strongly recommended to prepare for the MCAT. These courses will fulfill the biochemistry course requirement for JABSOM				
** BIOL/BOT 220 is REQUIRED for Biology majors				
*** Stats is strongly recommended to prepare for the MCAT. Check with schools for their specific requirements				
Commonly Recommended for Allopathic Schools				
PSY 100 (strongly recommended for MCAT)	Survey of Psychology	3		
SOC 100 (strongly recommended for MCAT)	Introduction to Sociology	3		
ANTH, ART, COMM, ECON, HIST, LIT, PHIL, POLS, PPC, PSY, SW and/or foreign language.	Behavioral Sciences and Humanities (Please see the Medical School Admissions Requirements below for specific requirements.)	Varies		
Commonly Recommended for MCAT				
BIOL 275/L*	Cell and Molecular Biology	5		
MATH 140 or higher	Precalculus or higher	3		
PSY 212	Survey of Research Methods**	4		
* BIOL 275/L is strongly recommend to prepare for the MCAT and is a prerequisite for BIOL/MBBE/PEPS 402, but not a pre-requisite for BIOC 441				
** Research Methods concepts necessary for the MCAT may already be covered in your pre-medical science and behavioral science prerequisites.				

OSTEOPATHIC MEDICINE			PAC Website	
Course #	Course Name	Credits		
BIOC 141 or higher (BIOL 402 / BIOC 441) *	Biochemistry	3 - 4		
BIOL 171/171L and 172/172L	Introduction to Biology I and II	8		
CHEM 161/161L and 162/162L	General Chemistry I and I	8		
CHEM 272/272L and 273/273L	Organic Chemistry I and II	10		
PHYS 151/151L and 152/152L OR PHYS 170/170L and 272/272L	College Physics I and II (or General Physics I and II)	8 - 9		
ENG 100 and higher	Composition I and higher	6		
E.G. ANTH/PSY/SOC***	Behavioral Sciences (2 courses)	6		
* BIOL/MBBE/PEPS 402 or BIOC 441 strongly recommended to prepare for the MCAT. These courses will fulfill the biochemistry course requirement for JABSOM				
** Each Osteopathic school has different behavioral science requirements. Students should double check with the schools they are interested in to see specifically which behavioral science courses they should take.				
Commonly Recommended for MCAT				
BIOL 275/L *	Cell and Molecular Biology	5		
MATH 140 or higher	Precalculus or higher	3		
PSY 100	Survey of Psychology	3		
PSY 212	Survey of Research Methods**	4		
BIOL/BOT 220***, ECON 321, NREM 310, or PSY/SOCS 225	Statistics	3		
SOC 100	Introduction to Sociology	3		
* BIOL 275/L is strongly recommend to prepare for the MCAT and is a prerequisite for BIOL/MBBE/PEPS 402, but not a pre-requisite for BIOC 441				
** Research Methods concepts necessary for the MCAT may already be covered in your pre-medical science and behavioral science prerequisites.				
*** BIOL/BOT 220 is REQUIRED for Biology majors				

NURSING (UHM BSN)			UHM BSN Website			
Course #	Course Name	Credits				
PHYL 141/141L and 142/142L	Human Anatomy and Physiology I and II	8	A grade of "B" (not Credit/No Credit, Pass/Fail) or higher is required for all PHYL, MICR, and FS/FQ courses.			
MICR 130	General Microbiology	3	Remaining prerequisites must receive a grade of "C" (not C-, Credit/No Credit, Pass/Fail) or higher.			
PSY 100	Survey of Psychology	3	Any combination of 16 or more prerequisite credits listed above must be satisfactorily completed at the time of application, which must include 1 PHYL lecture/lab & MICR 130.			
HDFS 230 (formerly FAMR 230)	Human Development	3	Applicants must complete all prerequisites by August 1.			
COMG 151/251	Public Speaking	3				
1 FW course	(e.g. ENG 100)	3				
1 FS/FQ course*	(e.g. MATH 100)	3				
1 FG course	(e.g. HIST 151)	3				
1 DP course*	CHEM 151/152/161/162 or BIOC 141/244/341	3				
NURSING (GENERAL)			PAC Website			
PHYL 141/141L and 142/142L	Human Anatomy and Physiology I and II	8				
MICR 130/140L	General Microbiology	5				
CHEM 161*	General Chemistry I	3				
PHRM 203**	General Pharmacology	3				

OCCUPATIONAL THERAPY			PAC Website	
Course #	Course Name	Credits		
BIOL 171/171L and possibly 172/172L	Introduction to Biology I and possibly II*	8		
ENG 100 and possibly 200	Composition I and possibly II*	6		
HLTH 110 or 125 at KCC	Medical Terminology	1 - 2		
PHYL 141/141L and 142/142L OR PHYL 301/301L and 302/302L	Human Anatomy and Physiology I and II	8 - 10		
PHYS 151/151L	College Physics I	4		
PSY 100	Survey of Psychology	3		
BIOL/BOT 220** or PSY/SOCS 225 or ECON 321	Statistics	3		
PSY 371	Abnormal Psychology	3		
HDFS 230 (formerly known as FAMR 230) and/or PSY 240	Human Development and/or Developmental Psychology***	3		
SOC 100/ANTH	Introduction to Sociology or Anthropology*	3		
* Please check with each school for specific requirements. Some schools may require additional biology and English courses.				
** BIOL/BOT 220 is REQUIRED for Biology majors				
*** Please check with each school for specific requirements. Some schools may require the development course to cover life from birth to death, so multiple courses may have to be taken to satisfy this prerequisite.				

OPTOMETRY			PAC Website	
Course #	Course Name	Credits		
BIOL 171/171L and 172/172L	Introduction to Biology I and II	8		
CHEM 161/161L and 162/162L	General Chemistry I and II	8		
CHEM 272/272L	Organic Chemistry I	5		
PHYS 151/151L and 152/152L OR PHYS 170/170/L and 272/272L	College Physics I and II (or General Physics I and II)*	8 - 9		
MATH 215 (or MATH 241)	Applied Calculus I (or Calculus I)	4		
BIOC 141 or higher	Biochemistry**	3 - 4		
ENG 100 and higher	Composition I and higher	6		
PSY 100	Survey of Psychology	3		
MICR 130/140L OR MICR 351/351L	General Microbiology (or Biology of Microorganisms***)	5		
PHYL 141/141L and 142/142L OR PHYL 301/301L and 302/302L	Human Anatomy and Physiology I and II	8 - 10		
BIOL/BOT 220**** or PSY/SOCS 225 or ECON 321	Statistics	3		
ANTH, HIST, ECON, GEOG, POLS, PSY, SOC, ART, DNCE, ENG, ES, HIST, HWST, LING, MUS, PHIL, REL, THEA, WS, etc.	Social Sciences and/or Humanities*****	3 - 15		
*Although most, if not all optometry programs accept trigonometry-based physics (PHYS 151/L and 152/L), calculus-based physics (PHYS 170/L and 272/L) is recommended to prepare for the OAT and optometry school.				
** Please note that the prerequisites for BIOL/MBBE/PEPS 402 are BIOL 275 and CHEM 273. BIOL 275L is also a prerequisite for BIOL/MBBE/PEPS 402.				
*** Please note that the prerequisites for MICR 351/L are BIOL 171 and CHEM 272/L. BIOL 275/L are re				
**** BIOL/BOT 220 is REQUIRED for Biology majors				
***** Please check with the schools you're interested in for specific requirements				

PHARMACY			PAC Website	
Course #	Course Name	Credits		
BIOL 171/171L and 172/172L	Introduction to Biology I and II	8		
BIOC or BIOL	Biochemistry **	3 - 5		
CHEM 161/161L and 162/162L	General Chemistry I and II	8		
CHEM 272/272L and 273/273L	Organic Chemistry I and II	10		
COMG 151 or 251	Personal and Public Speaking or Public Speaking	3		
ECON 130 or 131	Economics	3		
ENG 100 and higher	Composition I and higher	6		
ART, DNCE, ENG, ES, HIST, HWST, LING, MUS, PHIL, REL, THEA, and/or foreign language	Humanities**	6 - 12		
MATH 215 (and 216) or MATH 241 (and 242)	Applied Calculus I (and II) or Calculus I (and II)	7 - 8		
MICR 130/140L (Fall only) OR MICR 351/351L	General Microbiology (or Biology of Microorganisms)	5		
PHYL 141/141L and 142/142L OR PHYL 301/301L and 302/302L	Human Anatomy and Physiology I and II	8 -10		
PHYS 151/151L and 152/152L OR PHYS 170/170/L and 272/272L	College Physics I (and II) or General Physics I (and II)	8 - 9		
BIOL/BOT 220**** or PSY/SOCS 225 or ECON 321	Statistics	3		
<p>* Please see the Pharmacy School Admissions Requirements below for specific requirements. 400-level recommended to prepare for the PCAT</p> <p>Please note that the prerequisites for BIOL/MBBE/PEPS 402 are BIOL 275 and CHEM 273. BIOL 275L is also a prerequisite for BIOL/MBBE/PEPS 402.</p> <p>** Please see the Pharmacy School Admissions Requirements below for specific requirements</p> <p>*** Please note that the prerequisites for MICR 351/L are BIOL 171 and CHEM 272/L. BIOL 275/L are re</p> <p>**** BIOL/BOT 220 is REQUIRED for Biology majors</p>				
For Daniel K. Inouye College of Pharmacy (DKICP)				
ART, DNCE, ENG, ES, HIST, HWST, LING, MUS, PHIL, REL, THEA, and/or foreign language	Humanities*	6		
ANTH, HIST, ECON, GEOG, POLS, PSY, SOC, WS, etc.	Social/Behavioral Sciences*	6		
ANTH 152, GEOG 102, HIST 151 or 152, REL 150, etc.	Cultural Diversity*	3		
<p>* Courses used to fulfill these requirements may not double-dip with other pharmacy school prerequisites. Please check with each school for specific requirements. DKICP does not accept double-dip courses.</p>				

PHYSICAL THERAPY			PAC Website	
Course #	Course Name	Credits		
BIOL 171/171L and 172/172L	Introduction to Biology I and II	8		
CHEM 161/161L and 162/162L	General Chemistry I and II	8		
PHYS 151/151L and 152/152L OR PHYS 170/170/L and 272/272L	College Physics I and II (or General Physics I and II)	8 - 9		
MATH 140 or higher	Precalculus or higher	3		
BIOL/BOT 220*, ECON 321, or PSY/SOCS 225	Statistics	3		
PHYL 141/141L and 142/142L OR PHYL 301/301L and 302/302L	Human Anatomy and Physiology I and II	8 -10		
PSY 100	Survey to Psychology	3		
PSY 240 or 371	Advanced Psychology Course (Developmental or Abnormal)	3		
ENG 100	English Composition	3		
* BIOL/BOT 220 is REQUIRED for Biology majors				
** KRS 354/354L is a major restricted course. Its prerequisites are KRS 113 or PHYL 103 or PHYL 142/142L (or concurrent), or BIOL 171/171L (or concurrent). To enroll, complete the prerequisites for KRS 354/354L and email the instructor for an override. More seats may be available during the spring and summer semesters.				

PHYSICIAN ASSISTANT			PAC Website		
Course #	Course Name	Credits			
BIOL 171/171L and 172/172L	Introduction to Biology I and II	8	Physician Assistant Program Information		
CHEM 161/161L and 162/162L	General Chemistry I and II	8			
BIOC 141 or CHEM 272*	Biochemistry or Organic Chemistry I	3			
MICR 130/140L** OR MICR 351/351L***	General Microbiology (or Biology of Microorganisms)	5			
PHYL 141/141L and 142/142L OR PHYL 301/301L and 302/302L	Human Anatomy and Physiology I and II ***	8 - 10			
BIOL/BOT 220**** or PSY/SOCS 225 or ECON 321	Statistics	3			
MATH 134 or higher	Precalculus or higher*	3			
ENG 100 and higher	Composition I and higher (2 courses)	6			
HLTH 110 or 125	Medical Terminology	1- 2			
* Please check the requirements of the specific schools that you want to apply to concerning these courses. Some schools may require a higher level of biochemistry or the lab portion of the course.					
** Please check the requirements of the specific schools that you want to apply to concerning these courses. Some schools may require a higher-level course.					
*** Please note that the prerequisites for MICR 351/L are BIOL 171 and CHEM 272/L. BIOL 275/L are recommended for MICR 351. Please note that if you are retaking courses because PA schools may not accept Advanced Placement (AP), online, or community college credit, your financial aid and/or scholarship status may be affected.					
**** BIOL/BOT 220 is REQUIRED for Biology majors					