|  | **Doctoral** | **Doctoral** | ***Doctoral*** | **Doctoral** | **Doctoral** | **Doctoral** | *Doctoral & Masters* | ***Masters*** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Dentistry(DMD, DDS) | Medicine(MD, DO, DPM, DC, ND) | Optometry(OD) | Pharmacy(PHARM D) | PhysicalTherapy (DPT) | Veterinary Medicine (DVM) | Occupational Therapy (OTD/MSOT) | Physician Assistant (MPAS) | AthleticTraining (MAT) |
| **Biology** | Foundations I-IIBIO 140 & 140LBIO 150 & 150L ≥ 16 BIO creditsStrongly RecommendedMicrobiology (245 & 245L)FSpHuman Anatomy (290 & 290L)Human & Animal Physiology (370)FSpRecommendedGenetics (240 & 240L)FSpCell & Molec Bio (304)SpHistology (482)Sp | Foundations I-IIBIO 140 & 140LBIO 150 & 150L≥ 12 BIO creditsStrongly RecommendedGenetics (240 & 240L)FSpMicrobiology (245 & 245L)FSpCell & Molec Bio (304)SpHuman & Animal Physiology (370)FSp | Foundations I-IIBIO 140 & 140LBIO 150 & 150LHuman Anatomy and Physiology\*\*\*BIO 290 & 290LBIO 270 & 270L, orBIO 370 (Human & Animal Physiology)Microbiology BIO 245 & 245L≥ 4 BIO creditsStrongly RecommendedGenetics (240 & 240L)FSpCell & Molec Bio (304)SpImmunology (343)FSpHistology (482)Sp | Foundations I-IIBIO 140 & 140LBIO 150 & 150LHuman Anatomy and Physiology\*\*\*BIO 290 & 290LBIO 270 & 270L, orBIO 370 (Human & Animal Physiology)MicrobiologyBIO 245 & 245L≥ 4 BIO creditsStrongly RecommendedGenetics (240 & 240L)FSpCell & Molec Bio (304)SpImmunology (343)FSpMolec Biology (480)FSp | Foundations I-IIBIO 140 & 140LBIO 150 & 150LHuman Anatomy and Physiology\*\*\*BIO 290 & 290LBIO 270 & 270L | Foundations I-IIBIO 140 & 140LBIO 150 & 150LGenetics BIO 240 & 240LMicrobiologyBIO 245 & 245L≥ 13 BIO creditsStrongly RecommendedCell & Molec Bio (304)SpComp Anatomy (320)Sp Human & Animal Physiology (370)FSpRecommendedImmunology (343)FSpMed Parasitology (420)FSpMolec Biology (480)FSp Animal Dev. (316) F | Human Anatomy and Physiology\*\*\*BIO 290 & 290LBIO 270 & 270L Recommended≥ 3 credits of Introductory Biology(BIO 140 & 140L or BIO 103) | Foundations I-IIBIO 140 & 140LBIO 150 & 150LHuman Anatomy and Physiology\*\*\*BIO 290 & 290LBIO 270 & 270L, orBIO 370 (Human & Animal Physiology)Microbiology BIO 245 & 245L≥ 4 BIO creditsStrongly RecommendedGenetics (240 & 240L)FSpRecommendedCell & Molec Bio (304)SpImmunology (343)FSpHistology (482)Sp | Foundations IBIO 140 & 140LHuman Anatomy and PhysiologyBIO 290 & 290LBIO 270 & 270L |
| **Chemistry** | General Chem I-IICHEM 131 & 131LCHEM 132 & 132LOrganic Chem I-IICHEM 241FSuCHEM 242 & 242LSpSuBiochemistryCHEM 361 FSp | General Chem I-IICHEM 131 & 131LCHEM 132 & 132LOrganic Chem I-IICHEM 241FSuCHEM 242 & 242LSpSuBiochemistry CHEM 361FSp | General Chem I-IICHEM 131 & 131LCHEM 132 & 132LOrganic Chem I-IICHEM 241FSuCHEM 242 & 242LSpSuBiochemistryCHEM 361FSp | General Chem I-IICHEM 131 & 131LCHEM 132 & 132LOrganic Chem I-IICHEM 241FSuCHEM 242 & 242LSpSuBiochemistryCHEM 361FSp (366LSp recommended) | General Chem I-IICHEM 131 & 131LCHEM 132 & 132L | General Chem I-IICHEM 131 & 131LCHEM 132 & 132LOrganic Chem I-IICHEM 241FSuCHEM 242 & 242LSpSuBiochemistryCHEM 361FSp(366LSp recommended) | Chemistry prerequisite for Human Physiology:CHEM 120*or* CHEM 131 & 131L | General Chem I-IICHEM 131 & 131LCHEM 132 & 132LOrganic Chem ICHEM 241FSu, and 241L FSu or 242L SpSuBiochemistryCHEM 260Sp & 260LSp, orCHEM 361FSp | General Chem ICHEM 131 & 131L |
| **Physics** | College Physics I-IIPHYS 140 & 140LPHYS 150 & 150LSpSu | College Physics I-IIPHYS 140 & 140LPHYS 150 & 150LSpSu | College Physics I-IIPHYS 140 & 140LPHYS 150 & 150LSpSu | College Physics IPHYS 140 & 140L | College Physics I-IIPHYS 140 & 140LPHYS 150 & 150LSpSu | College Physics I-IIPHYS 140 & 140LPHYS 150 & 150LSpSu | College Physics IPHYS 140 & 140Lor Biomechanics KIN 306 & 306L\*\* |  | College Physics IPHYS 140 & 140L |
| **Math** | Mathematics6 creditsStrongly Recommended3 credits of Statistics3-4 credits of Calculus | StatisticsMATH 220 or MATH 229Calculus3-4 credits: MATH 205, 231, 233, or 235 | StatisticsMATH 220 or MATH 229Calculus3-4 credits: MATH 205, 231, 233, or 235 | StatisticsMATH 220 or MATH 229Calculus3-4 credits: MATH 205, 231, 233, or 235 | StatisticsMATH 220 or MATH 229RecommendedCalculus: MATH 205, 231, 233, or 235 | StatisticsMATH 220 or MATH 229Calculus3-4 credits: MATH 205, 231, 233, or 235 | StatisticsMATH 220 or MATH 229 | StatisticsMATH 220 or MATH 229Recommended3 additional creditsof Mathematics | StatisticsMATH 220 or MATH 229 |

|  | Dentistry | Medicine | Optometry | Pharmacy | Physical Therapy | Veterinary Medicine | Occupational Therapy | Physician Assistant | Athletic Training |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Social & Behavioral Sciences** | ≥ 3 credits Psychology or Sociology | Psychology3 credits of PSYCSociocultural Gen Ed Recommendation:Gen Psychology (101) or Life Span Human Development (160)Sociology3 credits of any SOCI orGlobal Experience Gen Ed Recommendation:SOCI 1103 creditsof ANTH or PSYC or SOCIRecommended:Health Psychology (PSYC 308), Med Sociology (SOCI 375), Mental Health & Illness, (SOCI 385), Med Anthropology (ANTH360) | PsychologyGen Psychology (101) | Psychology3 credits of PSYCRecommended:Gen Psychology (101)Additional Option:Life Span Human Development (160)Sociology3 credits of SOCIRecommended:Global Context (SOCI 110) Microsociology (SOCI 140)Economics3 credits of ECONRecommended:Microeconomics (201)Optional:Macroeconomics (200) | Psychology≥ 6 credits of PSYCGen Psychology (101)Life Span Human Development (160)Abnormal Psychology (250 or 335\*\*)Global Experience Gen Ed Recommendation:SOCI 110 | Sociocultural GenEd RecommendationGen Psychology (PSYC 101) | Psychology 9 credits of PSYC:Gen Psychology (101)Life Span Human Development (160)Abnormal Psychology (250 or 335\*\*)Sociology3 credits of any SOCI orGlobal Experience Gen Ed Recommendation:SOCI 110AnthropologyCultural Anthropology (ANTH 195) | Psychology≥ 6 credits of PSYCRecommended:Gen Psychology (101)Life Span Human Development (160)Abnormal Psychology (250 or 335\*\*)Check individual PA program requirements. | PsychologyGen Psychology (101) |
| **Communication** | WritingWRTC 103LiteratureAny Literature GenEd or Great Works (HUM 200) | WritingWRTC 103LiteratureAny Literature GenEd or Great Works (HUM 200) | WritingWRTC 103LiteratureAny Literature GenEd or Great Works (HUM 200) | WritingWRTC 103LiteratureAny Literature GenEd or Great Works (HUM 200)CommunicationSCOM 121/122/123 | WritingWRTC 103LiteratureAny Literature GenEd or Great Works (HUM 200) | WritingWRTC 103LiteratureAny Literature GenEd or Great Works (HUM 200)CommunicationSCOM 121/122/123 | WritingWRTC 103LiteratureAny Literature GenEd or Great Works (HUM 200) |  | WritingWRTC 103LiteratureAny Literature GenEd or Great Works (HUM 200) |
| **Health & Kinesiology** |  |  |  |  | ≥ 3 creditsExercise Physiology(KIN 302+302L\*\*)Medical Terminology (HTH 210\*)RecommendedBiomechanicsKIN 306+306L\*\* | RecommendedMedical TerminologyHTH 210\* | Med TerminologyHTH 210\* | Med TerminologyHTH 210\* | Med TerminologyHTH 210\***Exercise Physiology**KIN 302+302L\*\***Nutrition** NTR 280**Biomechanics**KIN 306+306L\*\* |
| **Optional** |  | Recommended for MCAT prep: Critical Thinking GenEd:Critical Thinking (PHIL 120) |  |  |  |  | RecommendedCritical Thinking GenEd:Ethical Reasoning (PHIL 150) |  | Recommended: Career Exploration:Introduction to Athletic Training (ATEP 205) |

\* Declaration of PPH minor does not give enrollment access for class during advanced registration; PPH minor given enrollment access during open enrollment.

\*\* Declaration of PPH minor does not give access to course; declaration in select major programs required.

\*\*\* Admissions committees place heavy emphasis on these Biology courses. Students are encouraged to take math and 100-level Biology courses first. Students are *strongly* encouraged to take at a 4-year institution.

F Course offered in Fall Semester Sp Course offered in Spring Semester Su Course offered in Summer Session