|  | **Doctoral** | **Doctoral** | ***Doctoral*** | **Doctoral** | **Doctoral** | **Doctoral** | *Doctoral & Masters* | ***Masters*** | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Dentistry (DMD, DDS) | Medicine (MD, DO, DPM, DC, ND) | Optometry (OD) | Pharmacy (PHARM D) | Physical Therapy (DPT) | Veterinary Medicine (DVM) | Occupational Therapy (OTD/MSOT) | Physician  Assistant (MPAS) | Athletic Training (MAT) |
| **Biology** | Foundations I-II BIO 140 & 140L BIO 150 & 150L ≥ 16 BIO creditsStrongly Recommended Microbiology  (245 & 245L)FSp  Human Anatomy  (290 & 290L)  Human & Animal Physiology (370)FSp Recommended Genetics (240 & 240L)FSp  Cell & Molec Bio (304)Sp  Histology (482)Sp | Foundations I-II BIO 140 & 140L BIO 150 & 150L ≥ 12 BIO creditsStrongly Recommended Genetics (240 & 240L)FSp  Microbiology  (245 & 245L)FSp  Cell & Molec Bio (304)Sp  Human & Animal Physiology (370)FSp | Foundations I-II BIO 140 & 140L BIO 150 & 150L  Human Anatomy and Physiology\*\*\* BIO 290 & 290L  BIO 270 & 270L, or  BIO 370 (Human & Animal Physiology) MicrobiologyBIO 245 & 245L≥ 4 BIO creditsStrongly Recommended Genetics (240 & 240L)FSp  Cell & Molec Bio (304)Sp  Immunology (343)FSp  Histology (482)Sp | Foundations I-II BIO 140 & 140L BIO 150 & 150L  Human Anatomy and Physiology\*\*\* BIO 290 & 290L  BIO 270 & 270L, or  BIO 370 (Human & Animal Physiology) MicrobiologyBIO 245 & 245L≥ 4 BIO creditsStrongly Recommended Genetics (240 & 240L)FSp  Cell & Molec Bio (304)Sp  Immunology (343)FSp  Molec Biology (480)FSp | Foundations I-II BIO 140 & 140L BIO 150 & 150L  Human Anatomy and Physiology\*\*\* BIO 290 & 290L  BIO 270 & 270L | Foundations I-II BIO 140 & 140L BIO 150 & 150L GeneticsBIO 240 & 240LMicrobiologyBIO 245 & 245L≥ 13 BIO creditsStrongly Recommended Cell & Molec Bio (304)Sp  Comp Anatomy (320)Sp Human & Animal Physiology (370)FSp Recommended Immunology (343)FSp  Med Parasitology (420)FSp  Molec Biology (480)FSp  Animal Dev. (316) F | Human Anatomy and Physiology\*\*\* BIO 290 & 290L  BIO 270 & 270L Recommended ≥ 3 credits of Introductory Biology  (BIO 140 & 140L or  BIO 103) | Foundations I-II BIO 140 & 140L BIO 150 & 150L  Human Anatomy and Physiology\*\*\* BIO 290 & 290L  BIO 270 & 270L, or  BIO 370 (Human & Animal Physiology) MicrobiologyBIO 245 & 245L≥ 4 BIO creditsStrongly Recommended Genetics (240 & 240L)FSp Recommended Cell & Molec Bio (304)Sp  Immunology (343)FSp  Histology (482)Sp | Foundations I BIO 140 & 140L  Human Anatomy and Physiology BIO 290 & 290L  BIO 270 & 270L |
| **Chemistry** | General Chem I-II CHEM 131 & 131L CHEM 132 & 132L Organic Chem I-II CHEM 241FSu CHEM 242 & 242LSpSu Biochemistry CHEM 361 FSp | General Chem I-II CHEM 131 & 131L CHEM 132 & 132L Organic Chem I-II CHEM 241FSu CHEM 242 & 242LSpSu Biochemistry CHEM 361FSp | General Chem I-II CHEM 131 & 131L CHEM 132 & 132L Organic Chem I-II CHEM 241FSu CHEM 242 & 242LSpSu Biochemistry CHEM 361FSp | General Chem I-II CHEM 131 & 131L CHEM 132 & 132L Organic Chem I-II CHEM 241FSu CHEM 242 & 242LSpSu Biochemistry CHEM 361FSp  (366LSp recommended) | General Chem I-II CHEM 131 & 131L CHEM 132 & 132L | General Chem I-II CHEM 131 & 131L CHEM 132 & 132L Organic Chem I-II CHEM 241FSu CHEM 242 & 242LSpSu Biochemistry CHEM 361FSp  (366LSp recommended) | Chemistry prerequisite for Human Physiology: CHEM 120  *or* CHEM 131 & 131L | General Chem I-II CHEM 131 & 131L CHEM 132 & 132L Organic Chem I CHEM 241FSu, and  241L FSu or 242L SpSu Biochemistry CHEM 260Sp & 260LSp, or  CHEM 361FSp | General Chem I CHEM 131 & 131L |
| **Physics** | College Physics I-II PHYS 140 & 140L  PHYS 150 & 150LSpSu | College Physics I-II PHYS 140 & 140L  PHYS 150 & 150LSpSu | College Physics I-II PHYS 140 & 140L  PHYS 150 & 150LSpSu | College Physics I PHYS 140 & 140L | College Physics I-II PHYS 140 & 140L  PHYS 150 & 150LSpSu | College Physics I-II PHYS 140 & 140L  PHYS 150 & 150LSpSu | College Physics I PHYS 140 & 140L  or Biomechanics  KIN 306 & 306L\*\* |  | College Physics I PHYS 140 & 140L |
| **Math** | Mathematics 6 credits Strongly Recommended 3 credits of Statistics  3-4 credits of Calculus | Statistics MATH 220 or MATH 229  Calculus 3-4 credits: MATH 205, 231, 233, or 235 | Statistics MATH 220 or MATH 229  Calculus 3-4 credits: MATH 205, 231, 233, or 235 | Statistics MATH 220 or MATH 229  Calculus 3-4 credits: MATH 205, 231, 233, or 235 | Statistics MATH 220 or MATH 229 Recommended Calculus: MATH 205, 231, 233, or 235 | Statistics MATH 220 or MATH 229  Calculus 3-4 credits: MATH 205, 231, 233, or 235 | Statistics MATH 220 or MATH 229 | Statistics MATH 220 or MATH 229 Recommended 3 additional credits  of Mathematics | Statistics MATH 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 | Psychology 3 credits of PSYC  Sociocultural Gen Ed Recommendation:  Gen Psychology (101)  or Life Span Human Development (160) Sociology 3 credits of any SOCI or  Global Experience Gen Ed Recommendation:  SOCI 110 3 credits of ANTH or PSYC or SOCI Recommended: Health Psychology (PSYC 308), Med Sociology (SOCI 375), Mental Health & Illness, (SOCI 385), Med Anthropology (ANTH360) | Psychology Gen Psychology (101) | Psychology 3 credits of PSYC  Recommended:  Gen Psychology (101)  Additional Option:  Life Span Human Development (160) Sociology 3 credits of SOCI  Recommended:  Global Context (SOCI 110) Microsociology (SOCI 140) Economics 3 credits of ECON  Recommended:  Microeconomics (201)  Optional:  Macroeconomics (200) | Psychology ≥ 6 credits of PSYC  Gen Psychology (101)  Life Span Human Development (160)  Abnormal Psychology (250 or 335\*\*)  Global Experience Gen Ed Recommendation:  SOCI 110 | Sociocultural GenEd Recommendation Gen Psychology  (PSYC 101) | Psychology 9 credits of PSYC:  Gen Psychology (101)  Life Span Human Development (160)  Abnormal Psychology (250 or 335\*\*) Sociology 3 credits of any SOCI or  Global Experience Gen Ed Recommendation:  SOCI 110 Anthropology Cultural Anthropology (ANTH 195) | Psychology ≥ 6 credits of PSYC  Recommended:  Gen Psychology (101)  Life Span Human Development (160)  Abnormal Psychology (250 or 335\*\*)  Check individual PA program requirements. | PsychologyGen Psychology (101) |
| **Communication** | Writing WRTC 103 Literature Any Literature GenEd  or Great Works  (HUM 200) | | Writing WRTC 103 Literature Any Literature GenEd  or Great Works  (HUM 200) | Writing WRTC 103 Literature Any Literature GenEd  or Great Works  (HUM 200) | Writing WRTC 103 Literature Any Literature GenEd  or Great Works  (HUM 200) Communication SCOM 121/122/123 | Writing WRTC 103 Literature Any Literature GenEd  or Great Works  (HUM 200) | Writing WRTC 103 Literature Any Literature GenEd  or Great Works  (HUM 200) Communication SCOM 121/122/123 | Writing WRTC 103 Literature Any Literature GenEd  or Great Works  (HUM 200) |  | Writing WRTC 103 Literature Any Literature GenEd  or Great Works  (HUM 200) |
| **Health & Kinesiology** |  | |  |  |  | ≥ 3 credits Exercise Physiology (KIN 302+302L\*\*)  Medical Terminology (HTH 210\*) Recommended Biomechanics  KIN 306+306L\*\* | Recommended Medical Terminology  HTH 210\* | Med TerminologyHTH 210\* | Med Terminology HTH 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