

Common Health Professional Program Prerequisites



Information below is for pre-health advisement only. All health profession programs are different and may have requirements that differ from the information listed below. Students are responsible for verifying admissions information for their programs of interest. All information is subject to change.

Common Prerequisites for Medical School and the MCAT 2015

- **Biology I and II w/ labs:** BSC 2010/L and BSC 2011/L
- **General Chemistry I and II w/ labs:** CHM 2045/L and CHM 2046/L
- **Organic Chemistry I and II w/ labs:** CHM 2210/L and CHM 2211/L
- **Physics I and II w/ labs:** PHY 2053/L and PHY 2054/L **OR** PHY 2048/L and PHY 2049/L
- **Genetics:** PCB 3063
- **Math:** STA 2023 and MAC 1147 or higher
- **Biochemistry*:** BCH 3053 **OR** BCH 4033
- **English:** ENC 1101 and ENC 1102
- **General Psychology:** PSY 2012
- **Various courses in Psychology, Sociology, Humanities and Public Health areas**

The mean GPAs of MD matriculants are 3.72/3.65 (overall/science) and the mean GPAs of DO matriculants are 3.56/3.49 (overall/science). The mean MCATs are 511 and 503 for MD and DO schools respectively.

Common Prerequisites for Dental School

- **Biology I and II w/ labs:** BSC 2010/L and BSC 2011/L
- **General Chemistry I and II w/ labs:** CHM 2045/L and CHM 2046/L
- **Organic Chemistry I and II w/ labs:** CHM 2210/L and CHM 2211/L
- **Physics I and II w/ labs:** PHY 2053/L and PHY 2054/L **OR** PHY 2048/L and PHY 2049/L
- **General Microbiology w/lab:** MCB 3020/L
- **Biochemistry*:** BCH 3053 **OR** BCH 4033
- **English:** ENC 1101 and ENC 1102

The mean GPA of Dental School matriculants is 3.55/3.45 (overall/science). The mean DAT is 20.4.

Common Prerequisites for Physician Assistant School

- **Anatomy & Physiology I and II and labs:** BSC 2085/L and BSC 2086/L **OR** BSC 2093C and BSC 2094C
- **Biology I and Lab:** BSC 2010/L
- **General Microbiology w/lab:** MCB 3020/L
- **Chemistry I and II w/labs:** CHM 2045/L and CHM 2046/L
- **Organic Chemistry I w/ lab:** CHM 2210/L
- **Statistics:** STA 2023
- **Medical Terminology:** CLT 3040 **OR** HSC 4537

*The mean GPA of PA school matriculants is 3.48/3.53 (overall/science). GRE scores >55th percentile are competitive. *some schools will recommend students also take organic chemistry and/or biochemistry lecture*

Common Prerequisites for Optometry School

- **Biology I and II w/ labs:** BSC 2010/L and BSC 2011/L
- **General Chemistry I and II w/ labs:** CHM 2045/L and CHM 2046/L
- **Organic Chemistry I w/ lab:** CHM 2210/L
- **Physics I and II w/ labs:** PHY 2053/L and PHY 2054/L **OR** PHY 2048/L and PHY 2049/L
- **Anatomy and Physiology I and lab:** BSC 2085/L **OR** BSC 2093C
- **General Microbiology w/lab:** MCB 3020/L
- **Biochemistry:** BCH 3053 **OR** BCH 4033
- **Calculus I:** MAC 2241 **OR** MAC 2311
- **Statistics:** STA 2023
- **English:** ENC 1101 and ENC 1102
- **Social Sciences or Humanities Courses (15+ hours)**

The mean GPA of Optometry School matriculants is 3.43 (overall), OAT scores > 317 are competitive.

Common Prerequisites for Veterinary School

- **Biology I and II w/ labs:** BSC 2010/L and BSC 2011/L
- **General Chemistry I and II w/ labs:** CHM 2045/L and CHM 2046/L
- **Organic Chemistry I and II w/ labs:** CHM 2210/L and CHM 2211/L
- **Physics I and II w/ labs:** PHY 2053/L and PHY 2054/L **OR** PHY 2048/L and PHY 2049/L
- **General Microbiology w/lab:** MCB 3020/L
- **Genetics:** PCB 3063
- **Biochemistry*:** BCH 3053 **OR** BCH 4033
- **English:** ENC 1101 and ENC 1102
- **Statistics:** STA 2023
- **Calculus:** MAC 2311
- **Animal Sciences:** ANS 3006C and ANS 3440 (usually offered at the University of Florida and St. Pete College- check with these institutions for more information).
- **Humanities and Social Science Electives**

The mean GPA of Vet School matriculants is 3.60/3.50 (overall/science). GRE score >60th percentile is competitive.

Common Prerequisites for Pharmacy School

- **Biology I and II w/ labs:** BSC 2010/L and BSC 2011/L
- **General Chemistry I and II w/ labs:** CHM 2045/L and CHM 2046/L
- **Organic Chemistry I and II w/ labs:** CHM 2210/L and CHM 2211/L
- **Physics I w/ lab:** PHY 2053/L **OR** PHY 2048/L
- **Anatomy and Physiology and labs:** BSC 2085 and BSC 2086 **OR** BSC 2093C and BSC 2094C
- **General Microbiology w/lab:** MCB 3020/L
- **Genetics:** PCB 3063
- **Cell or Molecular Biology:** PCB 3023 **OR** MCB 3410 **OR** GMS 6001
- **Calculus:** MAC 2241 **OR** MAC 2311
- **Statistics:** STA 2023
- **Economics:** ECO 2013 **OR** ECO 2023
- **English:** ENC 1101 and ENC 1102
- **General Psychology or Sociology:** PSY 2012 **OR** SYG 2000
- **Social Sciences or Humanities Courses (9+ hours)**

The mean GPA of Pharmacy School matriculants is 3.36/3.23 (overall/science) & the PCAT composite is 54th percentile.

Common Prerequisites for Podiatric Medical School

- **Biology I and II w/ labs:** BSC 2010/L and BSC 2011/L
- **General Chemistry I and II w/ labs:** CHM 2045/L and CHM 2046/L
- **Organic Chemistry I and II w/ labs:** CHM 2210/L and CHM 2211/L
- **Physics I and II w/ lab:** PHY 2053/L and PHY 2054/L **OR** PHY 2048/L and PHY 2049/L
- **English I and II:** ENC 1101 and ENC 1102

The mean GPA of Podiatry school matriculants is 3.30/3.24 (overall/science). The mean MCAT score is 494.

Common Prerequisites for Physical Therapy School

- **Biology I w/ lab:** BSC 2010/L
- **General Chemistry I and II w/ labs:** CHM 2045/L and CHM 2046/L
- **Physics I and II w/ lab:** PHY 2053/L and PHY 2054/L **OR** PHY 2048/L and PHY 2049/L
- **Anatomy and Physiology and labs:** BSC 2093C and BSC 2094C **OR** BSC 2085/L and BSC 2086/L
- **Psychology (two semesters):** PSY 2012 and 1 additional psychology course (DEP 2004, CLP 4143, DEP 4053)
- **Statistics:** STA 2023

The mean GPA of PT school matriculants is 3.57/3.45 (overall/science). GRE scores >50th percentile are competitive.

**some schools will recommend students also take organic chemistry and/or biochemistry lectures / labs*

Common Prerequisites for Occupational Therapy School

- **Biology I w/ lab:** BSC 2010/L
- **General Chemistry I w/ lab:** CHM 2045/L
- **Anatomy and Physiology and labs:** BSC 2093C and BSC 2094C **OR** BSC 2085 and BSC 2086
- **Physics I w/ lab:** PHY 2053/L
- **General Psychology:** PSY 2012
- **Abnormal Psychology:** CLP 4143
- **Developmental Psychology:** DEP 4053
- **Statistics:** STA 2023
- **Medical Terminology:** CLT 3040 **OR** HSC 4537

The mean GPA of matriculants into OT schools is 3.20 (overall).

Common Prerequisites for Chiropractic School

- **Biology I and II w/ labs:** BSC 2010/L and BSC 2011/L
- **General Chemistry I and II w/ labs:** CHM 2045/L and CHM 2046/L
- **Organic Chemistry I w/ lab:** CHM 2210/L
- **Physics I and II w/ labs:** PHY 2053/L and PHY 2054/L **OR** PHY 2048/L and PHY 2049/L
- **English: ENC 1101 and ENC 1102**
- **General Psychology:** PSY 2012
- **Social Sciences or Humanities Courses (15+ hours)**

A GPA above 2.75 is competitive for some schools.

Common Prerequisites for Naturopathic Medical School

- **Biology I and II w/ labs:** BSC 2010/L and BSC 2011/L
- **General Chemistry I and II w/ labs:** CHM 2045/L and CHM 2046/L
- **Organic Chemistry I and II w/ labs:** CHM 2210/L and CHM 2211/L
- **Physics I w/ lab:** PHY 2053/L
- **General Psychology:** PSY 2012

Common Prerequisites for Athletic Training Programs

- **Biology I w/ labs:** BSC 2010/L
- **Anatomy and Physiology and labs:** BSC 2093C and BSC 2094C **OR** BSC 2085 and BSC 2086
- **Physics I w/ lab:** PHY 2053/L
- **General Chemistry I w/ labs:** CHM 2045/L
- **Statistics:** STA 2023
- **Nutrition:** HUN 2201
- **General Psychology:** PSY 2012
- **Medical Terminology:** CLT 3040 or HSC 4537
- **Exercise Physiology and Kinesiology:** APK 3110* and ATR 3132*

* At USF, these courses are generally limited to exercise science majors. Contact the Athletic Training Academic Services Administrator for more information, amoore2@health.usf.edu.

IMPORTANT: Schools require **more than the completion of prerequisites** to be competitive. **Additionally, some schools do not accept online coursework or AP, IB, CLEP, AICE or CAPE credits for prerequisite courses.**

Students are responsible for verifying the individual admissions requirements of their programs of interest.

Students should also meet regularly with their major advisor (to ensure they meet graduation requirements) **and** a health professions advisor (to ensure that they meet the prerequisites of the health profession schools to which they plan to apply and are building a competitive profile). **All information above is subject to change.**