## Professional Program Pre-requisites and Requirements

### Master's Occupational Therapy

*Human Anatomy and Physiology with labs
   - BIOL 2140, 2141 & BIOL 2150, 2151
*Statistics - BIOS 1500, MATH 2228, 2283, or PSYC 2101
Devlopmental Psychology - PSYC 3206
Abnormal Psychology - PSYC 3375
Intro to Sociology or Anthropology
   - SOCI 2110, ANTH 1000, or ANTH 2200
Philosophy Ethics or Logic
   - PHIL 1175, 1180, 1500, or 2275
Intro to Occupational Therapy - OCCT3000 (recommended)
Medical Terminology - HIMA 3000 or ATEP 2800 or Hlth 2700

Shadows is strongly recommended

- Application window: July 15 - Oct 15
- Accepted students: 26 per year
- Applications received: 300+ per year
- Average GPA of accepted students: 3.69
- Average Prerequisite GPA: 3.65
- Average GRE of accepted students: Verbal: 156, Quantitative 152, Writing 4.29
- A minimum grade of "B" in prerequisites is required.

*These prerequisites must be taken within 5 years of entering the program.

[http://www.aota.org/Students.aspx](http://www.aota.org/Students.aspx)

**Student Organization:** P-OTSA

### Master's Physician Assistant Studies

**General Chemistry with labs**
   - CHEM 1150,1151 & 1160,1161
**Human Anatomy and Physiology**
   - BIOL 2140, 2141 & BIOL 2150, 2151
**Microbiology**
   - BIOL 2110 or BIOL 3220
**Statistics**
   - BIOS 1500, MATH 2228, 2283, or PSYC 2101
**Psychology**
   - Any psychology course
**Genetics**
   - BIOL 2300 (Biol 1150,1151 is a prerequisite)

- 1000 Clinical Experience requirement (250+ Shadowing)

- Application window: April – Sept
- Accepted students: 36 per year
- Applications received: 500-600 per year
- Average GPA of accepted students: 3.7
- Average GPA in prerequisites: 3.7
- Average GRE of accepted students: 308
- Applications are accepted from NC, SC, VA, DC, TN, GA residents. Currently, 97% are from NC.

A minimum grade of “B” in prerequisites is recommended.

It is preferred that prerequisites be taken within 5 years of applying.


**Student Organization:** Pre-PA Club

### Doctor of Physical Therapy

**General Chemistry with labs**
   - CHEM 1150,1151 & 1160,1161
**General Physics with labs**
   - PHYS 1250,1251 & 1260,1261
**Principles of Biology**
   - BIOL 1100, 1101 or 1150, 1151
**Anatomy & Physiology**
   - BIOL 2140, 2141 & BIOL 2150, 2151
**College Algebra or higher**
   - MATH 1065
**Statistics**
   - BIOS 1500, MATH 2228, 2283, or PSYC 2101
**Psychology - PSYC 1000 + 3 hours additional PSYC**

- Minimum of 100 hours of shadowing required

- Application window: July – Oct 1
- Accepted students: 30
- Applications received: 364
- Average GPA of accepted students: 3.82
- Average Prerequisite GPA of accepted students: 3.89
- Minimum Prerequisite GPA accepted: 3.0
- Median GRE of accepted students: 307

Program gives preference to NC residents.


**Student Organization:** Pre-PT Club

### Doctor of Dental Surgery

**General Biology with labs** (*courses determined by major*)
   - BIOL 1100, 1101, or BIOL 1150,1151
**General Chemistry with labs**
   - CHEM 1150, 1151 & CHEM 1160, 1161
**Organic Chemistry with labs**
   - CHEM 2750, 2753 & CHEM 2760, 2763
**Biochemistry**
   - CHEM 2770, or Biol 4880
**General Physics with labs**
   - PHYS 1250, 1251 & PHYS 1260, 1261
   - or PHYS 2350, 1251 & PHYS 2360, 1261
**College Algebra - MATH 1065 (or 1064/1066) and a higher math (Any trigonometry, statistics, calculus, etc)**

- Shadowing and volunteering are highly recommended

- Application window: June 1 – Dec 1st
- Accepted students: 52
- Applications received: 397
- Average GPA of accepted students: 3.4
- Average Science GPA of accepted students: 3.3
- Average DAT of Accepted Students: 19.73

Program accepts only NC residents.

[http://www.ada.org/](http://www.ada.org/)

**Student Organizations:** Pre-Dental Honor Society

Diversity in Medical Dentistry
**Doctor of Medicine**

- Principles of Biology w/labs (*courses determined by major)
  - BIOL 1100, 1101, OR BIOL *1150, 1151; & BIOL 1200, 1201
- General Chemistry with labs
  - CHEM 1150, 1151 & CHEM 1160, 1161
- Organic Chemistry with labs
  - CHEM 2750, 2753 & CHEM 2760, 2763
- Biochemistry
  - CHEM 2770 or Biol 4880
- General Physics with labs
  - PHYS 1250, 1251 & PHYS 1260, 1261 or
    - PHYS 2350, 1251 & PHYS 2360, 1261
- Statistics
  - Math 2228, Math 2283, or Bios 1500

**Behavioral Sciences**

- PSYC 1000 - Intro to Psychology
- SOCI 2110 - Intro to Sociology (Pre-Health section offered)

Application deadline: June thru November 1
Average overall GPA: 3.6
Average MCAT score: 507
5
107
5
North Carolina applicants, 86 accepted (33 out of the 82 accepted were re-applicants)

Program accepts only North Carolina residents.

www.aamc.org

**Doctor of Optometry**

- Principles of Biology w/lab
  - BIOL *1100, 1101 or *1150,1151 (*determined by major)
- Anatomy & Physiology w/labs
  - BIOL 2140, 2141 & 2150, 2151
- Biochemistry
  - CHEM 2770 or Biol 4880
- General Chemistry with labs
  - CHEM 1150, 1151 & CHEM 1160, 1161
- Organic Chemistry with labs
  - CHEM 2750, 2753 & CHEM 2760, 2763
- Microbiology
  - BIOL 2110, 2111 or 3220, 3221
- Psychology
  - PSYC 1000 (some schools require an additional PSYC)
- General Physics w/labs
  - PHYS 1250, 1251 & PHYS 1260, 1261 or
    - PHYS 2350, 1251 & PHYS 2360, 1261
- Statistics
  - Bios 1500, or Math 2228, or 2283

ECU does not have a College of Optometry.

The above courses only serve as an example of courses that may be required (as found on Optometry Application Portal -- http://www.optomcas.org)

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**1st Year Science Recommendations**

**Dental/Med/Optometry/Pharmacy/Vet**

- BIOL 1100 & 1101 or 1150 & 1151 (depending on major)
- and/or Chem 1150 & 1151

**PA/PT**

- BIOL 1150 & 1151 (or 1100 & 1101 if you are a Biology or Public Health Major)
- and/or Chem 1150 & 1151

**OT**

- Chem 1120 or 1150 & 1151, or Biol 1150 & 1151

**Speech & Hearing**

- Biol 1050 & 1051, or Phys 1050

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**Save the Date**

**Prescription for Success**

Saturday, September 12, 9:00 am – 12:30 pm, TBA

**NOTE:** It is important to research professional school options NOW! Some schools have additional requirements, may not accept AP credit, and/or have specific shadowing and/or clinical experience requirements.

Students majoring in something outside of the sciences and/or students with a lot of AP/early college credit should connect with us early!