



**Pre-Professional Advising
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The mission of the Center for Pre-Professional Advising of Allied Health, Dentistry, Medicine and Law is to assist students in achieving academic success beyond the undergraduate level. This is accomplished by providing major exploration, academic resources, and strategies for achieving academic goals. Special programs and events, workshops, and individual appointments facilitate this development.

We serve as primary advisors for: All undergraduate students majoring in Allied Health programs (all of which are competitive and require a separate application process in the sophomore year)

- Clinical Laboratory Science -- Medical Laboratory Work
- Health Information Management – Healthcare Data & Software Systems
- Health Services Management -- Healthcare Administration
- Nutrition Science – Registered Dietitian track, Pre-Health Professions Track
- Rehabilitation Services -- Social and Mental Rehabilitation (including substance abuse)
- Speech & Hearing Sciences -- Pre-Speech-Language Pathology or Audiology degree

We serve as pre-professional advisors for all current ECU students and alumni interested in going into a professional/graduate program for Allied Health (Occupational Therapy, Physical Therapy, and Physician Assistant Studies, Dentistry, Law, and Medicine (including Optometry, Pharmacy, Podiatry, and Veterinary Medicine)).

We serve as faculty advisors for:

- ECU PDHS (Pre-Dental Honor Society)
- ECU Pre-Law Society
- ECU P-OTSA (Pre-Occupational Therapy Student Association)
- ECU Pre-PA Club

The PPAC offers pre-professional advising for students preparing for application to Dental, Law, Medical, and other health-related professional programs. We do this through individual appointments and group sessions. Here is a sample of our programs:

- Prescription for Success
- “So you want to be (a doctor, lawyer, dentist, etc.)” Series
- Graduate and Professional School Preparation Workshops
- Exploring Health Majors
- Writing Your Personal Statement
- Health Professions Committee Recommendation Process
- Health Professions Expo
- Professionalism Certificate Program
- Primary Care Physician Shadowing Program
- Visits from Professional School Representatives

Tips for selecting a major

- Choose something you will enjoy
- Choose something you have a natural ability in
- Choose something that will lead you to a satisfying career if you change your mind about your long-term plans, or are not accepted to your professional program right away

Interested in a health profession? There is no major called “pre-med.” You can major in ANYTHING.

Undecided on a major, but know you want to go into a health field? There is no perfect major. You can major in anything as long as you are sure to include the prerequisites for your professional program (visit our website for a list of the required prerequisites for your intended profession: <http://www.ecu.edu/ppac>). Consider these options. These are only SUGGESTIONS. These majors are merely some that already incorporate the prerequisites, or are popular choices among our students that will allow you room to incorporate the prerequisites and still finish in four years (if you do not have any academic difficulty). Some, like Business, will require careful planning, so it is always important to communicate your long term plans to your advisor. You are not limited to these majors, and there may be other options that will allow you to incorporate the prerequisites and finish in four years. Speak to an advisor if you have specific questions about this.

Common Majors for Medical / Dental / Veterinary / Optometry / Pharmacy / Physician Assistant

Biology, Biochemistry, Biomedical Engineering, Business, Chemistry, Clinical Laboratory Science, Communication, English, Environmental Health, Exercise Physiology, Family & Community Services, Health Services Management, Hispanic Studies, Mathematics, Neuroscience, Nutrition, Physics, Psychology, Public Health Studies, or Sociology.

Common Majors for Occupational Therapy / Physical Therapy

Athletic Training, Biology, Biochemistry, Business, Chemistry, Exercise Physiology, Family & Community Services, Health Fitness Specialist, Hispanic Studies, Mathematics, Neuroscience, Nutrition, Physics, Psychology, Public Health Studies, Recreational Therapy, Rehabilitation Services, Sociology, or Special Education

Interested in Law School? There is no specific “pre-law” major.

- It is recommended that you choose something you will enjoy and in which you will excel. Students interested in law can major in anything, however communication, writing, and critical thinking skills are essential, so you may want to consider one of the following: Business, Communication, Criminal Justice, Economics, English, Family & Community Services, History, Mathematics, Philosophy, Political Science, Psychology, Social Work, or Sociology.
- If you know you are interested in a very specific area of law you may want to major in a field that will be relevant, such as:
 - Environmental Law – Biology, Chemistry, or Environmental Health
 - Intellectual Property – Computer Science or Engineering
 - Family Law – Child Development and Family Relations, Psychology, Social Work, or Sociology.

Interested in Veterinary School?

There is no specific “pre-vet” major, however a suggested Pre-Vet Curriculum degree plan would be a major in Biology with minor in Business. This degree plan is available on our website at <http://www.ecu.edu/cs-acad/ppac/veterinarymedicine.cfm>

Take a major and career assessment

<https://www1.cfnc.org/Plan/For A Career/ default.aspx>

How to explore your options

- PIER (Pirate Introduction to Early Registration): <http://www.ecu.edu/pier>
- Four-year Degree Plans: <http://www.ecu.edu/cs-acad/advising/degreeplans.cfm>
- Undergraduate Catalog: <http://catalog.ecu.edu/index.php>



Professional Program Pre-requisites and Requirements

<p>Master's Occupational Therapy *Anatomy and Physiology - BIOL 2140, 2141 & BIOL 2150, 2151 *Statistics - BIOS 1500, MATH 2228, 2283, or PSYC 2101 Developmental 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 -OCCT 3000 Medical Terminology - HIMA 3000 or ATEP 2800 Shadowing is strongly recommended</p> <p>ECU application deadline: Nov. 1 Accepted students: 26 per year Applications received: 300+ per year Average GPA of accepted students: 3.67 Average Prerequisite GPA: 3.65 Average GRE of accepted students: Verbal: 156, Quantitative 154, Writing 4.5 A minimum grade of "B-" in prerequisites is required. *These prerequisites must be taken within 5 years of entering the program. http://www.gota.org/Students.aspx</p> <p>Student Organization – P-OTSA</p>	<p>Master's Physician Assistant Studies General Chemistry with labs - CHEM 1150, 1151/ 1160/1161 Human Anatomy and Physiology - BIOL 2140, 2141/ 2150, 2151 Microbiology - BIOL 2110 Statistics - BIOS 1500, MATH 2228, 2283, or PSYC 2101 Psychology - Any psychology course Genetics - BIOL 2300 (Biol 1150/1151 is a prerequisite)</p> <p>1000 Clinical Experience requirement (250+ Shadowing)</p> <p>Application window: April – Sept 1 Accepted students: 30-35 per year Applications received: 500-600 per year Average GPA of accepted students: 3.7 Average GPA in prerequisites: 3.76 Average GRE of accepted students: 308 Applications are accepted from NC, SC, VA, TN, GA residents. Currently, 97% are from NC. A minimum grade of "B" in prerequisites is recommended. Prerequisites must be taken within 7 years of year of application.</p> <hr/> <p>http://www.aapa.org/</p> <p>Student Organization – Pre-PA Club</p>
<p>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/ 2150, 2151 College Algebra or higher - MATH 1065 Statistics- BIOS 1500, MATH 2228 or 2283, or Psyc 2101 Psychology - Psyc 1000, 3 hours of any other Psyc</p> <p>Minimum of 100 hours of shadowing required</p> <p>Application deadline: Nov. 2nd</p> <p>Accepted students: 30 Applications received: 372 Average GPA of accepted students: 3.74 Average Prerequisite GPA of accepted students: 3.76 Minimum Prerequisite GPA accepted: 3.0 Median GRE of accepted students: 309 <i>Program gives preference to NC residents.</i> http://www.apta.org/</p> <p>Student Organization – Pre-PT Club</p>	<p>Doctor of Dental Surgery General Biology with 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 College Algebra – MATH 1065 (or 1066) and a higher math (Any trigonometry, statistics, calculus, etc)</p> <p>Shadowing and volunteering are highly recommended</p> <p>ECU Applications accepted: June 1 – Dec 1st Accepted students: 53 Applications received: 436 Average GPA of accepted students: 3.43 Average Science GPA of accepted students: 3.32 Average DAT of Accepted Students: 19.48 Program accepts only NC residents. http://www.oda.org SEE EDUCATION</p> <p>Student Organizations – Pre-Dental Honor Society Diversity in Medical Dentistry</p>

<p>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)</p> <p>Application deadline: June thru November 1 Average overall GPA : 3.7 Average MCAT score : 506 1020 North Carolina applicants, 80 accepted (29 out of the 80 accepted were re-applicants) Program accepts only North Carolina residents. www.aamc.org Student Organizations – AMSA & MAPS</p>	<p>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 Calculus – Math 2121 or 2171 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 I & II w/labs PHYS 1250, 1251 / PHYS 1260/1261 Statistics – Bios 1500, or Math 2228, or 2283</p> <p>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)</p> <p>Student Organization – Pre-Optometry Club</p>
<p>Doctor of Pharmacy Principles Biology with lab BIOL *1100, 1101 or *1150/1151(*determined by major) General Chemistry with labs CHEM 1150, 1151 / CHEM 1160, 1161 Organic Chemistry with labs CHEM 2750, 2753 / CHEM 2760, 2763 Biochemistry w/lab CHEM 2770 / 2771 or Biol 4880, 4881 (lab required by UNC) General Physics with lab PHYS 1250, 1251 (2350, 1251 & 2360, 1261 for UNC) Calculus - MATH 2121 or MATH 2171 Microbiology, Anatomy, Genetics BIOL 2110, 2111 or BIOL 3220, 3221 or BIOL 2130, 2131 or BIOL 2300 Some schools require non-science requirements like economics, humanities/foreign language, public speaking, and statistics.</p> <p>ECU does not have a College of Pharmacy. Courses above are based on typical requirements. Specific information and course requirements are listed here: www.AACP.org Campbell University Class Profile Application deadline: March 2, Priority deadline Nov. 1 100 accepted out of 350 interviewed 3.48 average overall gpa 3.33 average Science gpa Average PCAT: 65% Biol, 54% Chem, 55% Composite</p> <p>Student Organization – Pre-Pharmacy Club</p>	<p>Doctor of Veterinary Medicine Animal Nutrition (No ECU equivalent) Biochemistry – Chem 2770, or Biol 4880 Principles of Biology I or II w/labs (4 hrs) Biol 1100/1101, 1150/1151, or 1200/1201 Calculus – Math 2119, 2121, or 2171 General Chemistry with labs CHEM 1150, 1151 / CHEM 1160, 1161 Organic Chemistry with labs CHEM 2750, 2753 / CHEM 2760, 2763 Genetics – Biol 2300 Microbiology – Biol 2110, 2111 or 3220, 3221 General Physics with lab - PHYS 1250, 1251 / 1260, 1261 Statistics – Math 2228, 2283, or Bios 1500</p> <p>Veterinary & Animal Experience required</p> <p>ECU does not have a School of Veterinary Medicine. The courses above are required by NC State. NC State University 2015 Class Profile Application Deadline: September 15th Average Overall GPA: 3.68 Average Prerequisite GPA: 3.65 Average GRE: 311 905 applications received, 100 accepted. 80% from NC Association of American Veterinary Medical College website: www.aavmc.org</p> <p>Student Organization – Pre-Vet Club</p>
<p>1st Year Science Recommendations</p> <p>Dental/Med/Optometry/Pharmacy/Vet Biol 1100 & 1101 or 1150 & 1151 (depending on major) Or 1200 & 1201, and/or Chem 1150 & 1151</p> <p>PA/PT- Biol 1150 & 1151 (or 1100 & 1101 if you are a Biology Major) and/or Chem 1150 & 1151</p> <p>OT- Chem 1120 or 1150 & 1151</p> <p>Speech & Hearing- Biol 1050 & 1051, or Phys 1050</p>	<p>Prescription for Success Saturday, September 23 9:00 am – 12:30 pm, Bate Building</p> <p>NOTE: It is important to research professional school options NOW! Some schools have additional requirements. Some schools may not accept AP credit. Some schools have specific shadowing and/or clinical experience requirements.</p>