

# Science Courses Advising Information

## BIO 094

Corequisite for BIO 094 is ENG 002 or DRE 098. This course is designed to help struggling students with BIO 163/168. A BIO 094 bypass exam will be available by request. This course will not transfer to a UNC System school.

## BIO 110

Prerequisites for BIO 110 are MAT 003 (P1) or DMA 010-030 and ENG 002 (P2) or DRE 098. This course will satisfy the natural science requirement for an AA student. The ECU equivalent is BIOL 1050/1051.

## BIO 111

Prerequisites for BIO 111 are MAT 003 (P2) or DMA 010-050 and ENG 002 (P2) or DRE 098 as well as being an AS, Biotech, AAS Engineering or other major that requires a science major's biology. This course will partially satisfy the natural science requirement for an AS student. The ECU equivalent is BIOL 1100/1101.

## BIO 112

Prerequisites for BIO 112 is completion of BIO 111 or transferrable equivalent with a C or better. The ECU equivalent is BIOL 1200/1201.

## BIO 140/140A

Prerequisites for BIO 140/140A are MAT 003 (P1) or DMA 010-030 and ENG 002 (P2) or DRE 098. This course will partially satisfy the general education requirement for an AA student. ECU equivalent is BIOL 1060/1061.

## BIO 155

Prerequisites for BIO 155 are completion of BIO 110, 111, 163, or 168 or transferrable equivalent with a C or better within the past 10 years. This is a rigorous, biologically focused nutrition and not a consumer nutrition course. The ECU equivalent is NUTR 2105. NUTR 1000 is not equivalent.

## BIO 161

Prerequisite for BIO 161 is ENG 002 (P1) or DRE 098. This course is a survey course designed for Human Services students and is not transferrable to the UNC System schools.

## BIO 163

Prerequisites for BIO 163 are MAT 003 (P1) or DMA 010-030 and ENG 002 (P2) or DRE 098 or the student may choose BIO 094 in place of MAT and ENG prerequisite. This course partially satisfies requirements for entry into some Health Sciences programs. ECU equivalent is BIOL 2130/2131.

## BIO 168

Prerequisites for BIO 168 are MAT 003 (P1) or DMA 010-030 and ENG 002 (P2) or DRE 098 or the student may choose BIO 094 in place of MAT and ENG prerequisite. This course partially satisfies requirements for entry into some Health Sciences programs. ECU equivalent is BIOL 2140/2141.

## BIO 169

Prerequisites for BIO 169 is completion of BIO 168 or transferrable equivalent with a C or better. ECU equivalent is BIOL 2150/2151.

## BIO 271

Prerequisite for BIO 271 is BIO 163, BIO 166, BIO 169, or transferrable equivalent with a C or better. BIO 271 is either directed towards the nursing program and the student must have been admitted into the nursing program.

## BIO 275

Prerequisite for BIO 275 is completion of BIO 110, 111, 163, 168 or transferrable equivalent with a C or better within the past 10 years. This is a very rigorous course designed for AS, Biotech, or other major that requires microbiology and may partially satisfy the pre-major elective requirement. ECU equivalent is BIOL 3220/3221.

## CHM 130/130A

Prerequisites for CHM 130 are completion of MAT 003 (P1) or DMA 010-030 and ENG 002 (P2) or DRE 098. CHM 130/130A will satisfy the chemistry requirement for PCC's nursing program and is typical of many dental hygiene program requirements. This course has been approved for transfer under the CAA as a premajor and/or elective course requirement.

## CHM 131/131A

Prerequisites for CHM 131 are completion of MAT 003 (P1) or DMA 010-030 and ENG 002 (P2) or DRE 098. CHM 131/131A will satisfy the chemistry requirement for PCC's nursing program. This course will count as local general education credit for AA students. ECU equivalent is CHEM 1120/1121.

## CHM 132

Prerequisite for CHM 132 is CHM 131 and CHM 131A, CHM 151, or transferrable equivalent with a C or better within the past 10 years. CHEM 1120 at ECU will not satisfy the prerequisite due to a lack of a lab. ECU equivalent is CHEM 1130/1131.

## CHM 151

Corequisite for CHM 151 is MAT 171 or higher (or old MAT 161) and prerequisite is ENG 002 (P2) as well as being an AS, Biotech, AAS Engineering or other major that requires a science major's chemistry. This course will partially satisfy the natural science requirement for an AS student. ECU equivalent is CHEM 1150/1151.

## CHM 152

Prerequisite for CHM 152 is completion of CHM 151 or transferrable equivalent with a C or better. ECU equivalent is CHEM 1160/1161.

## CHM 251

Prerequisite for CHM 251 is CHM 152 or transferrable equivalent with a C or better. This is a very rigorous course designed for AS or other majors that require organic chemistry and may partially satisfy the pre-major elective requirement. ECU equivalent is CHEM 2750/2753.

## CHM 252

Prerequisite for CHM 252 is CHM 251 or transferrable equivalent with a C or better. ECU equivalent is CHEM 2760/2763.

## CHM 263

Prerequisite for CHM 263 is CHM 132 or CHM 152. ECU equivalent is CHEM 2250/2251.

# Pre-Professional Programs

## AA Pre-Professional

Pre-medicine, pre-dentistry, pre-physical therapy, pre-physician assistant, pre-occupational therapy students should be assigned to the AA program since they do not require calculus. Ms. Atchison is advising these students.

## AS Pre-Professional

Pre-pharmacy and pre-veterinary do require calculus and thus should be assigned to the AS program. Ms. Atchison Mr. Edwin Franklin, and Ms. Bivans are advising these students.

## Associates in Science

Biology, chemistry, physics, math, optometry, computer science, meteorology, and most wildlife and crop sciences programs should be assigned to the AS program. Ms. Atchison and Ms. Bivans are advising these students. Mr. Goodman is advising the pre-engineering students.

# BIO 094 Policies

## BIO 094 Bypass Exam

The BIO 094 Bypass Exam is open to students who believe they possess the knowledge equivalent to BIO 094. This test will take approximately 1 hour to complete and is designed to assess a student's English and math abilities as it applies to A&P. A 70% is needed on this exam to bypass BIO 094. The exam may not be taken once the student begins BIO 094 and will only be given once to a student.

## Two Time Rule

Students may attempt BIO 163 or BIO 168 twice. A third attempt of either course requires that the student retake BIO 094 after the second attempt and pass with a C or better. The only exception is for students improving a grade of C or better.