

# **UNC Science and Math/Quantitative Reasoning General Education Requirements**

Compiled September 2012 by the ASU Office of General Education

## **UNC Asheville**

Laboratory Science (4 hrs)- Any lab course from ASTR/ATMS/BIOL/CHEM/ENVR/PHYS or a two-part course sequence totaling at least 4 hours that contains a lab. Cannot be the same course used to fulfill the 3-hr ILS Natural Science requirement in the Topical Cluster.

Mathematics (4 hrs)- May take any 4-hour MATH or STAT prefix course. Cannot be the same course used to fulfill the Quantitative Intensive requirement.

ILS Natural Science (3 hrs)- Course within the ILS Topical Cluster.

ILS Quantitative Intensive- May be fulfilled by completing courses in the ILS Program (except Mathematics requirement), the major, or electives

## **North Carolina A&T**

Mathematical, Logical, and Analytical Reasoning (6 hrs)- at least one course with MATH prefix

Scientific Reasoning (7 hrs)- at least one lab-based course

## **North Carolina Central**

Mathematics (6-8 hrs)- from MATH 1100, MATH 1110, MATH 1200, MATH 1210, and MATH 1410; two of these courses, or higher-level math courses, are required

Sciences (6-8 hrs)- two courses from list are required (no lab requirement)

## **UNC Chapel Hill**

Quantitative Reasoning (3 hrs)- one QR course

Physical and Life Sciences (7 hrs)- two courses from approved list, at least one with lab

Quantitative Intensive (0 additional hrs)- one course from list or second QR course

## **UNC Charlotte**

Mathematical and Logical Reasoning (6 hrs)- One course at 1000 level or above in MATH and a second course selected from MATH, STAT, or PHIL 2105

Life and/or Physical Sciences (7 hrs)- two courses, one with lab, in life and/or physical sciences (includes Psychology and Software & Information Systems)

## **East Carolina University**

Natural Sciences (8 hrs, 1 hr must be lab)

Mathematics (3 hrs)- choose from list of MATH courses or one or 2 PHIL logic courses

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## **Elizabeth City State University**

Natural Science and Math (10-11 hrs)

Math- at least 3 hrs of college level math

Science- at least 1 science course with a lab

## **Fayetteville State University**

Mathematics (6 hrs)- choose 2 MATH courses from list

Natural Science (8 hrs)- choose one pair of courses from list

## **UNC Greensboro**

Natural Sciences (6-7 hrs)- two courses from different departments, one with lab

Mathematics (3 hrs)- one course from math list

## **NC State**

Mathematical Sciences (6 hrs)- 2 courses, at least one must have MA or ST prefix

Natural Sciences (7 hrs)- at least one course with lab

## **UNC Pembroke**

Natural Science (6 hrs)- choose one course from two of the four areas (no lab)

Mathematics (3 hrs)- choose one course from list

## **Western Carolina U**

Mathematics (3 hrs)- any MATH course 101 or higher except 190-199/301/400

Physical and Biological Sciences (6 hrs)- two courses from two different disciplines; choose from list or other 100-200 level courses from listed departments except 190-199 and some individual courses

## **UNC Wilmington**

Mathematics and Statistics (3 hrs)- choose one course from list

Scientific Approaches to the Natural World (7 hrs)- at least one laboratory course

## **Winston-Salem State U**

Natural Sciences (3 hrs)- one class from biology, chemistry, physics, or physical science (no lab)

Mathematics and Quantitative Logic (3 hrs)- one class from list, as determined by placement test