

## Lower-Division UCA Core Check Sheet – AY 2015-16

Check sheet updated 2015-03-28, updated 2015-07-30

### [1] Critical Inquiry (20 hours)

[1.3] Inquiry and Analysis (9 hours) and Analysis (6-0) [GEOG1103]

#### [1.1] Quantitative (3 hours)

MATH 1360 Quantitative Literacy [MATH1113]

MATH 1390 College Algebra [MATH1103]

OR, if required by the student's program of study or with the consent of the advisor and the course instructor

MATH 1392 Plane Trigonometry\* [MATH1203]

MATH 1395 Business Calculus\*

MATH 1491 Calculus for the Life Sciences\*

MATH 1580 Algebra & Trigonometry\* [MATH1305]

MATH 1496 Calculus I\* [MATH2405]

\* These courses have prerequisites. Consult [Mathematics Courses](#) for details.

#### [1.2] Natural Sciences (8 hours)

##### Physical Science – Choose 1

CHEM 1400 Chemistry in Society [CHEM1004]

PHYS 1400 Physical Science for General Education [PHSC1004]

PHYS 1401 Descriptive Astronomy [PHSC1204]

GEOG 1400 Earth Systems Science [PHSC1104]

OR, if required by the student's program of study or with the consent of the advisor and the course instructor

CHEM 1450 College Chemistry I\* [CHEM1414]

CHEM 1402 General Chemistry for Health Sciences\* [CHEM1214]

PHYS 1405 Applied Physics\*

PHYS 1410 College Physics 1\* [PHYS2014]

PHYS 1441 University Physics 1\* [PHYS2034]

##### Life Science – Choose 1

BIOL 1400 Exploring Concepts in Biology [BIOL1004]

BIOL 1401 Exploring Ecology & the Environment [BIOL1004]

BIOL 1402 Exploring Human Biology [BIOL1004]

OR, if required by the student's program of study or with the consent of the advisor and the course instructor

BIOL 1410 Human Anatomy & Physiology I [BIOL2404]

BIOL 1440 Principles of Biology I\* [BIOL1014]

\* These courses have prerequisites. Consult [Biology Courses](#), [Chemistry Courses](#), or [Physics Courses](#) for details.

