HONORS COLLEGE (SCIENCE/MATH) (HNRT)

100 Level Courses

HNRT 125: A Liberal Arts Approach to Calculus. 3 credits.
Assumes understanding of basic algebra and functions. Explores various
mathematical models and develops concepts and applications of limits
and derivatives Offered by College of Science. May not be repeated for
credit.

Mason Core: Quantitative Reasoning

Registration Restrictions:
Enrollment limited to students with the Honors College (Business),
Honors College (STEM). or Honors College. attributes.

Schedule Type: Lecture

Grading:
This course is graded on the Undergraduate Regular scale.

200 Level Courses

HNRT 225: Applied Calculus. 3 credits.
Theory and applications of calculus for nonSTEM students. Assumes
a previous introductory course in calculus. Topics include exponential
models in the life sciences and business, theory of integration and
may include improper integrals, infinite series, differential equations, or
probability. Offered by College of Science. May not be repeated for credit.

Registration Restrictions:
Enrollment limited to students with the Honors College (Business),
Honors College (STEM). or Honors College. attributes.

Schedule Type: Lecture

Grading:
This course is graded on the Undergraduate Regular scale.

HNRT 226: Topics in Quantitative Analysis. 3 credits.
Studies selected topics of special interest to honors students with
suitable preparation. Notes: For students who have taken calculus in high
school. HNRT 226 is an alternative to HNRT 125. Offered by College of
Science. May not be repeated for credit.

Recommended Prerequisite: Calculus in high school.

Registration Restrictions:
Enrollment limited to students with the Honors College (STEM). or Honors
College. attributes.

Schedule Type: Lecture

Grading:
This course is graded on the Undergraduate Regular scale.

Additional Course Details: Title varies by section and/or semester

HNRT 227: Scientific Thought and Processes I. 4 credits.
Explores and integrates principles of classical and modern science
through study of such topics as cosmology, evolution, ecology,
mechanics, relativity, quantum physics, and the environment. Notes:
Includes a weekly lab session. Offered by College of Science. May not be
repeated for credit.

Mason Core: Natural Science with Lab

HNRT 228: Scientific Thought and Processes II. 4 credits.
Explores and integrates principles of classical and modern science
through study of such topics as cosmology, evolution, ecology,
mechanics, relativity, quantum physics, and the environment. Notes:
Includes a weekly lab session. Offered by College of Science. May not be
repeated for credit.

Mason Core: Natural Science with Lab

Specialized Designation: Green Leaf Course

Recommended Prerequisite: HNRT 227

Registration Restrictions:
Enrollment limited to students with the Honors College (Business),
Honors College (STEM). or Honors College. attributes.

Schedule Type: Laboratory, Lecture

Grading:
This course is graded on the Undergraduate Regular scale.