Honors:Mathematics (ZMAT)

ZMAT-113. Honors: Quantitative Reasoning. 3 Hours.
See course description for MATH-113. Contains further components required of Honors Program students.
Prerequisite: (MATH-092 - 499 or MATH-092A - 499Z or NEIU Math Placement Result 30 - 40 or ACT Math 22 - 36 or Accuplacer College Level Math 020 - 120 or SAT Math 530 - 800 or Accuplacer Adv. Algebra & Func 237 - 300).

ZMAT-301. Honors: Ordinary Differential Equations I. 3 Hours.
See course description for MATH-301. Contains further components required of Honors Program Students.
Prerequisite: MATH-203 with a minimum grade of C.

ZMAT-302. Honors: Ordinary Differential Equations II. 3 Hours.
See coure description for MATH-302. Contains further components required of Honors Program students.
Prerequisite: MATH-301 with a minimum grade of C.

ZMAT-311. Honors: Introduction To Advanced Mathematics. 5 Hours.
See course description for MATH-311. Contains further components required of Honors Program students.
Prerequisite: (MATH-187 with a minimum grade of C or MATH-107 with a minimum grade of C or NEIU Math Placement Result with a score of 40) and ENGL-101 with a minimum grade of C.

ZMAT-312. Honors: Foundations Of Geometry. 3 Hours.
See course description for MATH-312. Contains further components required of Honors Program students.
Prerequisite: MATH-253 with a minimum grade of C and (MATH-251 with a minimum grade of C or MATH-311 with a minimum grade of C).

ZMAT-324. Honors: Independent Study In Mathematics. 3 Hours.
See course description for MATH-324. Contains further components required of Honors Program students.

ZMAT-328. Honors: Complex Analysis. 3 Hours.
See course description for MATH-328. Contains further components required of Honors Program students.
Prerequisite: MATH-338 with a minimum grade of C and MATH-339 with a minimum grade of C.

ZMAT-336. Honors: Mathematical Statistics II. 3 Hours.
See course description for MATH-336. Contains further components required of Honors Program Students.
Prerequisite: MATH-334 with a minimum grade of C.

ZMAT-339. Honors: Vector Calculus I. 4 Hours.
See course description for MATH-339. Contains further components required of Honors Program students.
Prerequisite: MATH-203 with a minimum grade of C and MATH-253 with a minimum grade of C.

ZMAT-340. Honors: Computing For Mathematicians. 4 Hours.
See course description for MATH-340. Contains further components required of Honors Program students.
Prerequisite: MATH-202 with a minimum grade of C.

ZMAT-365. Honors: Statistical Computer And Data Analysis Packages. 3 Hours.
See course description for MATH-365. Contains further components required of Honors Program students.
Prerequisite: MATH-334 with a minimum grade of C and MATH-340 with a minimum grade of C.

ZMAT-370. Honors: Mathematical Modeling In The Natural Sciences. 4 Hours.
See course description for MATH-370. Contains further components required of Honors Program students.
Prerequisite: MATH-202 with a minimum grade of D.

ZMAT-371. Honors: Mathematical Modeling For Cancer Risk Assessment. 4 Hours.
See course description for MATH-371. Contains further components required of Honors Program students.
Prerequisite: MATH-202 with a minimum grade of C.

ZMAT-374. Honors: Modeling And Simulations Of Complex Systems Networks. 4 Hours.
See course description for MATH-374. Contains further components required of Honors Program students.
Prerequisite: MATH-202 with a minimum grade of C and (MATH-275 with a minimum grade of C or MATH-273 with a minimum grade of C).