Elmhurst University

| MAJOR EVALUATION FORM |
| **MATHEMATICS (BS)** |

Name_____   **eNumber** _____

| Transfer students must complete at least half of the course credits required for this major at Elmhurst University. |
| 1.0 course credit = 4 semester hours |

EU Course #	EU Course Title	Transfer Institution	Transfer Course #	Course Credit	Grade
9.0 to 9.50 COURSES REQUIRED					
MTH 251	Calculus III [prereq: MTH 152, grade of C or better]				
MTH 301	Discrete Mathematics [prereq: MTH 151]				
MTH 362	Linear Algebra [prereq: MTH 251 and MTH 301]				
MTH 400	Research Methods in Mathematics [.50 course]				
MTH 451	Senior Paper [.50 course; prereq: MTH 400, grade of C or better]				
Five to 5.5 additional courses to be approved by the Department Chair. (If one of the concentrations listed below is chosen, those courses are included in the five to 5.5 required courses.)*					

APPLIED MATHEMATICS CONCENTRATION: MTH 311, MTH 341, MTH 342, MTH 434 and one elective from the remaining courses in the Mathematics curriculum*.

TEACHING CONCENTRATION – must take all courses – required for licensure and Secondary Mathematics Education: MTH 326 [.50 course], MTH 331, MTH 346, MTH 361, MTH 381 and MTH 440

GRADUATE SCHOOL CONCENTRATION: MTH 361, MTH 381, MTH 434, MTH 444 and one elective from the remaining courses in the Mathematics curriculum*.

BUSINESS/FINANCIAL CONCENTRATION: MTH 311, MTH 346, MTH 348, MTH 421, plus one upper division course in the Mathematics curriculum*. We recommend MTH 468.

DATA SCIENCE CONCENTRATION: MTH 302, MTH 346, MTH 421, MTH/CS 146, CS 220, IS 380, IS 423, plus two upper division courses in the Mathematics curriculum*. We recommend MTH 311 and MTH 341.

*Note: The Mathematics curriculum excludes MTH 325, MTH 326 (only offered for teaching concentration) MTH 327 and MTH 345

Notes:

Evaluator _____   **Date** _____   **Update(s)** _____