

BACHELOR OF SCIENCE IN MATHEMATICS - APPLIED MATHEMATICS - (DNIMAS) TRACK

Summary of Graduation Requirements

Subject Area	Credits
General Education Core (https://catalog.nsu.edu/undergraduate/academic-information/general-education-core-program/)	40
Major Requirements	65
Electives	15
Other Requirements	0
Total Credit Hours	120

Curriculum

First Year	Credits
APS 110 Applied Science Seminar	0
APS 111 Appli Sci Seminar	0
CHM 221L General Chemistry I Laboratory	1
CHM 223A General Chemistry I	4
CHM 224A General Chemistry II	4
CHM 222L General Chemistry II Laboratory	1
CSC 169 Introduction to Computer Science	3
CSC 200 Advanced Computer Concepts	3
ENG 101H Honors College English I	3
ENG 102H Honors College English II	3
HED 100 Personal and Community Health	2
MTH 184H Honors Calculus I	4
MTH 251H Honors Calculus II	4
PED 100 Fundamentals of Fitness for Life	1
SEM 101 Spartan Seminar 101 & SEM 102 and Spartan Seminar 102	2
Credits	35

Second Year	Credits
APS 210 Applied Science Seminar	0
APS 211 Appli Sci Seminar	0
MTH 252 Calculus III	4
MTH 300 Linear Algebra	3
MTH 372 Differential Equations	3
PHY 160 University Physics I	4
PHY 160L University Physics Laboratory I	1
PHY 161 University Physics II	4
PHY 161L University Physics Laboratory II	1
XXX XXX Foreign Language Electives	6
XXX XXX Free Electives	3
SEM 201 Spartan Seminar 201	1
Credits	30

Third Year	Credits
APS 310 Applied Science Seminar	0

APS 311 Appli Sci Seminar	0
ENG 303 Professional & Technical Writing	3
MTH 351 Probability & Statistics I	3
MTH 352 Probability & Statistics II	3
MTH 472 Advanced Calculus II	3
ENG 285H Honors Public Speaking	3
XXX XXX Mathematics Elective	3
MTH 311 Modern Geometry I (or Higher)	
XXX XXX Mathematics Elective	3
XXX XXX Social Sciences Elective	3
Credits	24

Fourth Year	Credits
APS 410 Applied Science Seminar	0
APS 411	0
MTH 382 Introduction to Applied Mathematics	3
MTH 401 Numeric Analysis I	3
MTH 402 Numeric Analysis II	3
MTH 484 Topics in Applied Mathematics	3
MTH 496 Mathematics Seminar I	2
MTH 497 Mathematics Seminar II	2
XXX XXX Free Electives	3
XXX XXX Mathematics Electives	6
XXX XXX Social Science Elective	3
Credits	28

Total Credits 117