

The Bachelor of Secondary Education major in Mathematics program focuses on developing pre-service teacher-researchers capable of delivering high quality of research-informed pedagogy in teaching general mathematics education and other related areas of the discipline.

First Year

First Semester

GED0101 – College Academic Skills in English

GED0102 – The Life and Works of Rizal

GED0103 – Mathematics in the Modern World

GED0104 – Science, Technology and Society

GED0105 – Wika, Kultura at Lipunan

TED1101 – The Teaching Profession

WRP0101 – Wellness and Recreation Program 1

NST0101 – National Service Training Program 1

Total units: 22.5

Second Semester

GED0106 – Art Appreciation

GED0107 – Readings in Philippine History

GED0108 – Retorika at Panitikan ng Pilipinas

GED0109 – Speech Communication

GED0110 – Understanding the Self

TED1102 – The Child and Adolescent Learners and Learning Principles

WRP0102 – Wellness and Recreation Program 2

NST0102 – National Service Training Program 2

Total units: 22.5

Second Year

First Semester

GED0111 – Purposive Communication

GED0112 – Scholarly Inquiry

GED0113 – The Filipino in the Contemporary World

TED1103 – The Teacher and the Community, School Culture and Organizational Leadership

TED1104 – Foundation of Special and Inclusive Education

SEM1101 – History of Math

SEM1102 – College and Advanced Algebra

WRP0103 – Wellness and Recreation Program 3

Total units: 22.5

Second Semester

GED0114 – Applied Ethics in Contemporary Times

GED0115 – Pag-aaral ng Wika at Kulturang Rehiyonal

TED1201 – Facilitating Learner-Centered Teaching

TED1202 – Assessment in Learning 1

TED1203 – Technology for Teaching and Learning 1

SEM1103 – Trigonometry

SEM1104 – Plane and Solid Geometry

WRP0104 – Wellness and Recreation Program 4

Total units: 22.5

Third Year

First Semester

TED1105 – Educational Research

SEM1105 – Logic and Set Theory

SEM1106 – Calculus 1 with Analytic Geometry

SEM1107 – Mathematics of Investment

SEM1108 – Number Theory

SEM1109 – Elementary Statistics and Probability

SEM1110 – Instrumentation and Technology in Mathematics

WRP0105 – Wellness and Recreation Program 5

Total units: 23.5

Second Semester

SEM1111 – Advanced Statistics

SEM1112 – Calculus 2

SEM1113 – Research in Mathematics

SEM1114 – Modern Geometry

SEM1115 – Linear Algebra

SEM1116 – Principles and Strategies in Teaching Mathematics

WRP0106 – Wellness and Recreation Program 6

Total units: 21.5

Summer Term

TED1204 – Assessment in Learning 2

TED1205 – The Teacher and the School Curriculum

TED1206 – Building and Enhancing New Literacies across the Curriculum

SEM1117 – Calculus 3

Total units: 12

Fourth Year

First Semester

TED1301 – Field Study 1 and 2

SEM1118 – Abstract Algebra

SEM1119 – Assessment and Evaluation in Mathematics

SEM1120 – Problem Solving, Mathematical Investigation and Modeling

WRP0107 – Wellness and Recreation Program 7

Total units: 16.5

Second Semester

TED1106 – Comprehensive Education Course

TED1107 – The Tamaraw Educator

TED1302 – Teaching Internship

WRP0108 – Wellness and Recreation Program 8

Total units: 11.5

Total program units: 175
