



Cebu Normal University
 College of Arts and Sciences
 Osmeña Boulevard, Cebu City, 6000
 Tel. No. 254-1452 local 140

BACHELOR OF SCIENCE IN MATHEMATICS

FIRST YEAR

1ST Semester

| | UNITS |
|---|-----------|
| • Eng. 1 Study and Thinking Skills in English | 3 |
| • Fil. 1 Komunikasyon sa Akademikong Filipino | 3 |
| • Nat. Sci. 1 Biological Sciences | 3 |
| • Lit. 1. Literatures of the Philippines | 3 |
| • Math 1. College Algebra | 3 |
| • Math 3. Plane Trigonometry | 3 |
| • P.E 1 Physical Fitness Activities | 2 |
| • NSTP 1 National Service Training Program | (3) |
| | 23 |

2nd Semester

| | UNITS |
|---|-----------|
| • Eng. 2. Writing in the Disciplines | 3 |
| • Fil. 2. Pagbasa at Pagsulat tungo sa Pananaliksik | 3 |
| • Nat. Sci. 2 Physical Sciences | 3 |
| • Math Elect. 1. Analytic Geometry | 3 |
| • Math Elect. 2. Set Theory | 3 |
| • Math 101. Pre-Calculus | 5 |
| • P.E 2 Rhythms and Dances | 2 |
| • NSTP 2 National Service Training Program | (3) |
| | 25 |

SECOND YEAR

1st Semester

| | UNITS |
|--|-----------|
| • Philo. 1 Logic | 3 |
| • Comp. Ed. 1. Informational Technology | 3 |
| • Span. 1. Español Basico | 3 |
| • Math 102. Linear Algebra | 3 |
| • Math 103. Statistics | 3 |
| • Math 104. Analysis I | 5 |
| • P.E 3 Fundamentals of Games and Sports | 2 |
| | 22 |

2nd Semester

| | UNITS |
|-------------------------------|-------|
| • Philo. 2. Ethics | 3 |
| • Span. 2. Español intermedio | 3 |
| • Hist. 1. Philippine History | 3 |
| • Math 105. Probability | 3 |

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| <ul style="list-style-type: none"> • Math 106. Fundamental Concepts of Math • Math 107. Analysis II • P.E 4 Recreational Activities | 3 5 2 |
| | 22 |

THIRD YEAR

1ST Semester

UNITS

| | |
|---|----------------------------|
| <ul style="list-style-type: none"> • Psych 1. General Psychology • Pol. Sci. 1. Politics and Governance (w/ Phil. Constitution) • Res. 1. Math Research 1 • Math 108. Abstract Algebra 1 • Math 109. Fundamentals of Computing • Math 110. Analysis III | 3 3 3 3 3 5 |
| | 20 |

2nd Semester

UNITS

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|--|----------------------------|
| <ul style="list-style-type: none"> • Econ. 1B. Economics with TLR • Res. 2. Math Research 2 • Free Elect. 1. Facilitating Learning • Math 111. Abstract Algebra 2 • Math 112. Advanced Calculus • Math 113. Differential Equations | 3 3 3 3 3 3 |
| | 18 |

FOURTH YEAR

1st Semester

| | |
|---|------------------|
| <ul style="list-style-type: none"> • Math Elect. 3. Number Theory • Free Elect. 2. Assessment of Learning • Math 114. Modern Geometry • Math Elect. 4. Statistical Analysis | 3 3 3 3 |
| | 12 |

2nd Semester

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| <ul style="list-style-type: none"> • Hist. 2. Life and Works of Rizal • Math Elect. 5. Mathematical Modelling • Math 115. Complex Analysis • Practicum | 3 3 3 3 |
| | 12 |

SUMMARY

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|---------------------------|-------------------------|
| General Education Courses | 62 units |
| Major Subjects Courses | |
| Core Subjects | 53 units |
| Math Electives | <u>15 units</u> |
| | 130 units |
| Mandatory Subjects | |
| • Rizal | 3 units |
| • NSTP | <u>6 units</u> |
| | 9 units |
| • Practicum | 3 units |
| • Elective | 6 units |
| • Research | <u>6 units</u> |
| | 15 units |
| TOTAL UNITS: | <u>154 UNITS</u> |