

BACHELOR OF EDUCATION DEGREE IN MATHEMATICS

Part 1: Semester 1

Modules:

EDMT 1101 Calculus I
EDCT1101 Information Communication Technology in Education and Information Literacy
EDMT 1102 Linear Mathematics
EDCA 1102 Communication Skills
EDMT 1103 Ordinary Differential Equations
EDMT 1104 Probability Theory I

Part 1: Semester 2

Modules:

EDMT 1201 Calculus II
EDEF1201 Educational Foundations
EDMT 1202 Mechanics
EDMT 1203 Statistical Inference I
EDMT 1204 Probability Theory II
EDMT 1205 Design and Analysis of Experiments

Part 2: Semester 1

Modules:

EDEF 2101 Research Methods in Education
EDMT 2101 Operations Research I
EDEF2102 Contemporary Issues in Education
EDMT 2102 Vector Analysis
EDMT 2103 Numerical Methods
EDMT 2104 Linear Mathematics II

Part 2: Semester 2

Modules:

EDMT 2201 Complex Analysis
EDCA 2201 Curriculum Issues
EDMT 2202 Statistical Interference II
EDCA2202 Assessment and Evaluation Techniques

EDMT 2203 Operations Research II
EDMT 2204 Time Series Analysis

Part 3

Modules:

ASIA 3000 Industrial Attachment Student's Work Related Learning Report
Academic Supervisor's Assessment Report
Employer's Assessment Report

Part 4: Semester 1

Modules:

EDMT 3101 Econometrics
EDCA 3101 Educational Management
EDMT 3102 Elements of Real Analysis
EDMT 3103 Optimisation
EDMT 3104 Hypothesis Testing
EDMT 3105 Linear Models

Part 4: Semester 2

Modules:

EDMT 3201 Fluid Mechanics
EDEF3201 Methods of Teaching Mathematics
EDMT 3202 Mathematical Modelling
EDMT 3203 Partial Differential Equations
EDPR3202 Dissertation