

Suggested Study Plan for BSC MATH & STAT (2+3) Programme (Bulletin 18/19 and after)

Students study normally in Science or Mathematics during the first two years. We assume that students gained 68 units.

Year 3 (Semester 1)

Numerical Methods I	3
Ordinary Differential Equations	3
Regression Analysis	3
Multivariate Calculus	3
Major Elective	3
Psychological Foundations of Teaching & Learning	2
Total	17

Year 3 (Semester 2)

Multivariate Statistical Methods	3
Mathematical Analysis	3
Major Elective	3
Elective courses ^{***} , or GE Interdisciplinary Thematic Courses ^{****} , or GE Capstone ^{*****}	6
Philosophical Foundations of Education	2
Total	17

Year 4 (Semester 1)

Mathematical Science Project I	3
Major Elective	3
Elective courses ^{****} , or GE Capstone ^{*****}	6
Subject Instruction I	4
Total	16

Year 4 (Semester 2)

School Experience	0
Supervised Teaching Practice I	2
Subject Instruction II	4
Classroom Management & Communication	3
Teacher Self Development	2
EDUC Elective ^{**}	0-2
Major Elective [*]	3
Total	14-16

Year 5 (Semester 1)

Social Foundations of Education	2
Foundations of Information Technology in Education	2
Supervised Teaching Practice II	2
Curriculum & Assessment	3
Total	9

Year 5 (Semester 2)

Elective courses ^{****} , or GE Capstone ^{*****}	15
EDUC Elective ^{**}	0-2
Inclusive Education	2
Total	17-19

Subtotal 42

Subtotal 50

Total 92

* Student may take this 3-unit Major Elective at Year 4 (Sem 1 or 2) or Year 5 (Sem 2)

** Student may take EDUC Elective at Year 4 (Sem 2) or Year 5 (Sem 2)

*** Students are required to fulfill the requirements of Level 1 GE Foundational Courses in Year 2.

**** Students who did not take BIOL1005, CHEM1005, or PHYS1005 have to take 3 more units of Major elective courses before graduation in order to fulfill the requirements of the Major Discipline Courses.

***** Students are required to fulfill the requirements of Level 2 GE Interdisciplinary Thematic Courses in Year 3.

***** Students must have completed two GE Interdisciplinary Thematic Courses before they take GE Capstone at Level 3.

Suggested Study Plan for BSC MATH & STAT (2+3) Programme (Bulletin 17/18 and before)

Students study normally in Science or Mathematics during the first two years. We assume that students gained 69 units.

Year 3 (Semester 1)

Numerical Methods I	3
Linear Programming and Integer Programming	3
Regression Analysis	3
Major Elective	3
GE courses or Electives	3
Psychological Foundations of Teaching & Learning	2
Total	17

Year 3 (Semester 2)

Multivariate Statistical Methods	3
Major Elective	3
GE courses or Electives	9
Philosophical Foundations of Education	2
Total	17

Year 4 (Semester 1)

Mathematical Science Project I	3
Major Elective	3
GE courses or Electives	6
Subject Instruction I	4
Total	16

Year 4 (Semester 2)

School Experience	0
Supervised Teaching Practice I	2
Subject Instruction II	4
Classroom Management & Communication	3
Teacher Self Development	2
EDUC Elective †	0-2
Major Elective*	3
Total	14-16

Year 5 (Semester 1)

Social Foundations of Education	2
Foundations of Information Technology in Education	2
Supervised Teaching Practice II	2
Curriculum & Assessment	3
Total	9

Year 5 (Semester 2)

GE courses or Electives	15
EDUC Elective †	0-2
Inclusive Education	2
Total	17-19

Subtotal

42

Subtotal

50

Total

92

* Student may take this 3-unit Major Elective at Year 4 (Sem 1 or 2) or Year 5 (Sem 2)

† Student may take EDUC Elective at Year 4 (Sem 2) or Year 5 (Sem 2)