

SAMPLE Plan of Study for Business Mathematics (MABU)

	MATH requirements			Science 2007 Core requirements				Electives		Hours
Semester 1	Course Title Hours	MA 16100, 16500 Calculus I 4-5		ENGL 10600/10800 Freshman Comp 3-4	Language 10100 ² 3-4			MA 10800 Intro Math 1	Free 3	14-17
Semester 2	Course Title Hours	MA 16200, 16600, 17300, 18100 Calculus II 4-5		CS 17700 Programming 4	Language 10200 ² 3-4	SCI 21000 ³ Teamwork 1	Teamwork ³ Experience	Free 3		15-17
Semester 3	Course Title Hours	MA 26100, 17400, 18200, 27100 Calculus III 4-5	MGMT 20000 Accounting 3	General Education 3	Language/Culture ² 3-4			MA 30100 Intro Analysis 3		16-18
Semester 4	Course Title Hours	OPTION ⁴ 3	MA 35100 Linear Alg 3	STAT 35000 Statistics 3	COM 21700 Writing/Present 3			Free/Minor 3		15
Semester 5	Course Title Hours	STAT 41600, 51600 Probability 3	MA 34100, 44000 Analysis 3	Lab Science I 3-4				Free/Minor 3	Free/Minor 3	15-16
Semester 6	Course Title Hours	OPTION ⁴ 3	MA 35300 Linear Alg 2 3	Lab Science II 3-4	General Education I 3			Free/Minor 3	Free/Minor 3	18-19
Semester 7	Course Title Hours	MA 36600 Diff Eqn 4	MA 45300, 45000 Algebra 3	OPTION ⁵ 3	Multidisciplinary ¹ 3-4	General Education II 3		Free 0-3		16-19
Semester 8	Course Title Hours	STAT 51200 Regression 3	OPTION ⁵ 3			Great Issues 3		Free 3	Free 3	15

¹ Multidisciplinary--can be either an approved course, minor, or dual major

² Language and Culture requirement may also be satisfied via an approved Study Abroad for a semester

³ SCI 21000 and experience is one of the many options for teamwork requirement. See <https://www.science.purdue.edu/undergraduate-curriculum> for more options

⁴ OPTION: two of MA 37500, MA 42100, CS 31400, or STAT 41700 (51700)

⁵ OPTION: two of MA 37300, MGMT 31000, MGMT 41100, MGMT 54400, MGMT 32300

Note: STAT 51200 has STAT 35000, STAT 51100, or STAT 41700 (51700) as a prerequisite.

MGMT 31000 and MGMT 54400 have prerequisites.

Not all courses offered every semester or year.

Total: 124-136

Total must be ≥ to 124