For an Associate in Science (A. S.) Degree in Mathematics

Mathematics (A.S.)

➢ *The Associate in Science degree in Mathematics allow students to pursue a baccalaureate degree or careers in mathematics, mathematics in education and statistics. The curriculum emphasizes the calculus sequence, linear algebra, and differential equations which are required for further study in Mathematics and Engineering.*

Associate in Science Degree in Mathematics

**Liberal Arts and Sciences........... ....
Credits**

ENG 110	Expository Writing	3
ENG 111	Literature and Composition	3
BIO 210	General Biology I	4
BIO 220	General Biology II	4
OR		
CHE 210	General Chemistry I	4
CHE 220	General Chemistry II	4
OR		
PHY 210	General Physics I	4
PHY 220	General Physics II	4
PSY 101	General Psychology	3
OR		
SOC 101	Introduction to Sociology	3
History		3
Ethnic Studies BLS OR LAC **OR**		
Foreign Language†		3-6
Humanities Music History or Art History or Speech		3

Total 26-29

Mathematics Sequence

MAT 210	Calculus I	4
MAT 220	Calculus II	4
MAT 310	Calculus III	4
MAT 320	Linear Algebra with Vector Analysis	3
MAT 360	Ordinary Differential Equations	3

Total 18
Free Electives...................................... ....13-16**
Total Degree Credits................... 60

**Students pursuing Middle and High School certification in Education at Lehman College should complete the following courses: Education 101, 117, 130 and 140.
†Spanish, French or Italian