

## Course Descriptions None 2026-2027

Course Title Linear Algebra

Course Code EBC1008

ECTS Credits 6,5

Assessment Whole/Half Grades

Period	Start	End	Mon	Tue	Wed	Thu	Fri
1	31-8-2026	16-10-2026	L		X		
2	26-10-2026	11-12-2026	L		X		

Level Introductory

Coordinator Jan Christopher Kops For more information: [j.kops@maastrichtuniversity.nl](mailto:j.kops@maastrichtuniversity.nl)

Language of instruction English

Goals  
Learn the concepts and techniques in the field of linear algebra that are prerequisite for 'probability theory', '(applied) statistics', 'mathematical economics' and 'operations research'.  
Obtain the right attitude with respect to (abstract) mathematics.  
Learn to write down a correct mathematical reasoning .  
Learn to give (simple) proofs.

Description  
Operations with vectors and matrices, systems of linear equations, vector spaces, eigenvalues, linear mappings and geometry with vectors.

Literature  
Syllabus.

Prerequisites  
\* Perform basic arithmetic operations and simplify algebraic expressions.  
\* Perform basic arithmetic operations with fractions.  
\* Solve simple (in)equalities.

Transitional Regulations

Teaching methods  
Lecture / Assignment

Assessment methods  
Participation / Written Exam

Evaluation in previous academic year  
For the complete evaluation of this course please click <http://iwio-sbe.maastrichtuniversity.nl/rapporten.asp?referrer=codeUM>

This course belongs to the following programme / specialisation

Bachelor Econometrics and Operations Research      Year 1 Compulsory Courses