

## Course Descriptions Bachelor 2018-2019

Course Title Linear Algebra  
 Course Code EBC1008  
 ECTS Credits 6,5  
 Assessment None  
 Period

Period	Start	End	Mon	Tue	Wed	Thu	Fri
1	3-9-2018	26-10-2018	L		X		
2	29-10-2018	21-12-2018	L		X		

Level Introductory  
 Coordinator Thijs Jansen For more information: [m.jansen@maastrichtuniversity.nl](mailto:m.jansen@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.  
 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