DIPLOMA SUPPLEMENT

This Diploma Supplement follows the model developed by the European Commission, Council of Europe and UNESCO/CEPES. The purpose of the supplement is to provide sufficient independent data to improve the international 'transparency' and fair academic and professional recognition of qualifications (diplomas, degrees, certificates etc.). It is designed to provide a description of the nature, level, context, content and status of the studies that were pursued and successfully completed by the individual named on the original qualification to which this supplement is appended. It should be free from any value judgements, equivalence statements or suggestions about recognition. Information in all eight sections should be provided. Where information is not provided, an explanation should give the reason why.

1 Information identifying the holder of the qualification

1.1	Last name(s)	Schutte
1.2	First name(s)	Louky Louise
1.3	Date of birth	[redacted]
1.4	Student identification number	2603804

2 Information identifying the qualification

2.1 Name of qualification and (if applicable) title conferred

Econometrics and Operations Research, Bachelor of Science

2.2 Main field(s) of study for the qualification

Econometrics and Operations Research

2.3 Name and status of awarding institution

Name: Vrije Universiteit Amsterdam
Status: A research university funded and recognized by the Dutch government

2.4 Language of instruction/examination

Bilingual

3 Information on the level of the qualification

3.1 Level of qualification

Bachelor Level

3.2 Official length of programme

3 Years

3.3 Access requirement(s)

Pre-university diploma (VWO within the Dutch system) with at least Mathematics B; higher vocational professional education (HBO) or a university foundation-year diploma with an adequate level of Mathematics (the case for this will be judged by the Examination Board); Diploma or certificate of a level equivalent to those described above.

4 Information on the contents and results gained

4.1 Mode of study

Full Time

4.2 Programme requirements

The Bachelor's programme in Econometrics and Operations Research familiarises students with theories and methods from the fields of economics, econometrics, mathematics and statistics, computer science. Besides theoretical knowledge much attention is paid to practical use of theories in case of concrete problems.
The programme consists of compulsory subjects in the area of Business Econometrics and Decision Making and in the area of General and Financial Econometrics, and a free choice of 18 ects. In addition, each student writes a Bachelor's thesis. In the third year, students can complete part of their studies abroad.

Learning objectives

1. Academic and Research Skills: Graduates can conduct a basic research project from start to finish
2. Bridging Theory and Practice - knowledge: Graduates demonstrate theoretical an empirical knowledge concerning the relevant areas in general economics and business economics
3. Bridging Theory and Practice - application: Graduates can analyze a real-life problem by applying relevant theories and methodologies
4. Social Professional Skills: Graduates can professionally set up and execute an oral or written presentation for a (non-) expert audience
5. Broadening your Horizon: Graduates are able to reflect on the ethical and social implications of professional and governmental decisions
6. Self-Awareness: Graduates can evaluate own learning, knowledge and actions

4.3 Programme details and individual results obtained

The following index lists the courses of the programme the student has attended, the number of credits attributed to each course and the final mark the student has acquired for the course.

	Credits	Grade
Year 1 Econometrics and Operations Research		
Academic Skills: Probability and Inference	6,0	8.0
Analysis I	6,0	6.5
Analysis II	6,0	7.0
Finance I	6,0	6.0
Introduction to Econometrics, Operations Research and Mathematical Economics	6,0	10.0

Introduction to Programming (Java)	6,0	7.0
Lineair Algebra 1	6,0	7.5
Macroeconomics I	6,0	9.0
Probability Theory	6,0	6.5
Statistics	6,0	7.0
Year 2 Econometrics and Operations Research		
Advanced Practical	6,0	9.0
Econometrics I	6,0	8.0
Econometrics II	6,0	8.5
Ethics	6,0	8.5
Integrative Practical	6,0	7.5
Mathematical Economics I	6,0	8.0
Mathematical Economics II	6,0	9.0
Numerical Methods	6,0	9.0
Operations Research I	6,0	9.0
Operations Research II	6,0	7.5
Year 3 Econometrics and Operations Research		
Econometrics III	6,0	7.5
Operations Research III	6,0	8.5
Strategic Management from a Practice Perspective: A Day in the Life of a CEO	6,0	8.0
Thesis	12,0	8.0
Minor Risk Management for Financial Institutions (Deloitte)		
A Big Risk Experience	6,0	7.5
Behavioral Finance and Real Estate	6,0	8.0
New Developments in Risk Management	6,0	8.5
Risk Management for Financial Institutions	6,0	7.5
Risk Management in Banking	6,0	8.5
Credits earned	**180,0**	

4.4 Grading scheme

ECTS %	ECTS grade	Results
10%	A	8.0 - 10.0
25%	B	7.5 - 7.9
30%	C	7.0 - 7.4
25%	D	6.5 - 6.9
10%	E	6.0 - 6.4
	F	0.0 - 5.0

Dutch grade	Explanation
VD	Pass
V	Sufficient
G	Good
VRS	Exemption

4.5 Overall classification

On the basis of the grades achieved, the student has been awarded a 'pass'.

A predetermined formula has been applied to calculate the student's grade point average, and the student has been awarded a(n) 8.0.

5 Information on the function of the classification

5.1 Access to further study

Graduates of the Bachelor's programme in Econometrics and Operations Research will be granted direct admission to the Master's programme in Econometrics and Operations Research. Besides that graduates of the Bachelor's programme in Econometrics and Operations Research will be granted admission to other programmes in the field of Economics and Business Administration. Some examples of these are the MSc programmes in Economics, Finance, Marketing, Accounting and Control etc. Direct admission to one of these Master's programmes depends on the subjects selected in the third year of the Bachelor's programme.

5.2 Professional status

The diploma entitles its holder to conduct a wide range of academic professions, such as consultant, designer of computer models and simulations, researcher, manager or project-coordinator within several sectors like banks, insurance companies, IT consultancy, transport and logistics, telecommunication, education and academic research.

6 Additional information

6.1 Extra information

This study programme has been accredited by the government per 31 October 2017.

6.2 Further information sources

Vrije Universiteit Amsterdam
School of Business and Economics
www.sbe.vu.nl

7 Certification of the supplement

7.1 Signature(s)

Date: 31 July 2019

Chair of the Examination Board

Secretary of the Examination Board