



Congratulations on your Degree

We hereby send you your Degree Certificate. Please read it through carefully and make sure that all the information is correct. If you should find something that is unclear or incorrect it is important that you contact us right away.

The Degree Certificate is an original document, which will only be issued in one copy. A duplicate can be issued if your original should vanish or should be destroyed. Always send attested copies with job applications.

According to the Swedish Higher Education Ordinance all degree certificates issued by state universities and university colleges shall include an appendix in English, a Diploma Supplement, starting at 1 January 2003.

The Diploma Supplement describes the content and scope of your education. The purpose of it is to facilitate recognition and accreditation of a Swedish degree when applying for employment or further studies abroad, but it can also be of use within Sweden.

The Diploma Supplement shall always be used together with your Degree Certificate. It is important that you keep the appendix in a safe place, as you do with your Degree Certificate.

Finally, we wish you good luck and would gladly see you return to Mälardalens högskola for further studies.

The Executive Officers



FILOSOFIE MAGISTEREXAMEN

DEGREE OF
MASTER OF SCIENCE

Mbecho Techago
Namn/Name

790928
Personnummer/Civic registration number

har i enlighet med bestämmelserna i högskoleförordningen (1993:100 i dess lydelse före den 1 juli 2007) om examina inom grundläggande högskoleutbildning uppfyllt fordringarna för att erhålla examensbevis avseende Filosofie magisterexamen.

has, in accordance with the Swedish Higher Education Ordinance (1993:100 prior to 1 July 2007) regarding undergraduate degrees, fulfilled the requirements stipulated and been awarded the Degree of Master of Science.

2008-09-16
Datum/Date

På rektors vägnar
On behalf of the President

Anneli Mossberg
Examenshandläggare/Executive Officer



Filosofie magisterexamen
Degree of Master of Science

Huvudämne: Matematik/Tillämpad matematik med inriktning mot Finansiell matematik
Major Subject: Mathematics/Applied Mathematics with Specialisation in Analytical Finance

Mbecho Techago
Namn/Name

790928
Personnummer/Civic registration number

Avtalade kurser <i>Courses passed</i>	Poäng <i>Cr. points</i>	Betyg <i>Grade</i>	Datum <i>Date</i>
Matematik/Tillämpad matematik <i>Mathematics/Applied Mathematics</i>			
Mathematics for Economics and Business			
Algebra	5	Godkänd	2004-10-30
Probability	5	Godkänd	2006-03-31
Calculus I	5	Godkänd	2006-04-02
Calculus II	5	Väl godkänd	2005-10-24
Linear Algebra	5	Godkänd	2006-04-10
Methods of Statistical Inference	5	Väl godkänd	2006-06-22
Introduction to Financial Mathematics	5	Godkänd	2006-08-03
Portfolio Theory	5	Godkänd	2007-01-09
Numerical Methods with MATLAB	5	Godkänd	2007-01-24
Java in Analytical Finance	10	Godkänd	2007-05-31
Operational Analysis*)	5	Fyra (4)	2007-06-13
Analytical Finance I	5	Godkänd	2008-01-16
Degree Project in Mathematics	10	Väl godkänd	2007-06-04
Financial and Risk Management Software	5	Väl godkänd	2007-03-26
Analytical Finance with MATLAB	5	Väl godkänd	2007-10-20
Portfolio Theory II	5	Godkänd	2007-10-25
Time Series Analysis	5	Väl godkänd	2007-12-31
Analytical Finance II	5	Godkänd	2008-03-24
Degree Project in Mathematics	20	Väl godkänd	2008-06-09
Nationalekonomi <i>Economics</i>			
Microeconomics and Trade Theory	10	Godkänd	2007-08-27
Intermediate Microeconomics	5	Godkänd	2007-10-25



Filosofie magisterexamen
Degree of Master of Science

Huvudämne: Matematik/Tillämpad matematik med inriktning mot Finansiell matematik
Major Subject: Mathematics/Applied Mathematics with Specialisation in Analytical Finance

Mbecho Techago
Namn/Name

790928
Personnummer/Civic registration number

Avslutade kurser <i>Courses passed</i>	Poäng <i>Cr. points</i>	Betyg <i>Grade</i>	Datum <i>Date</i>
Intermediate Macroeconomics	5	Väl godkänd	2007-12-14
Corporate Finance and Investments	10	Godkänd	2007-12-15
Bachelor Thesis in Economics	10	Godkänd	2008-06-17

Företagsekonomi
Business Administration

Introduction to Financial and Management Accounting 10 Godkänd 2008-01-28

Totalt antal poäng
Total credit points 175

Före 1 juli 2007 motsvarade ett läsårs heltidsstudier 40 poäng (60 ECTS) och en veckas heltidsstudier 1 poäng (1,5 ECTS). Från 1 juli 2007 motsvarar ett läsårs heltidsstudier 60 högskolepoäng (60 ECTS) och en veckas heltidsstudier 1,5 högskolepoäng (1,5 ECTS) enligt Högskoleförordningen (2006:1053). Denna examen omfattar 262,5 högskolepoäng.
Before 1 July 2007 one academic year of full-time study corresponded to 40 credit points (60 ECTS) and one week of full-time study 1 credit point (1.5 ECTS). From 1 July 2007 one academic year of full-time study corresponds to 60 higher education credits (60 ECTS) and one week of full-time study equals 1.5 higher education credits (1.5 ECTS) according to the Swedish Higher Education Ordinance (2006:1053). The scope of this degree corresponds to 262.5 higher education credits.

För godkänd kurs ges något av betygen Väl godkänd eller Godkänd. För kurs märkt *) ges något av betygen Med beröm godkänd (5), Icke utan beröm godkänd (4) eller Godkänd (3).

*Grades given for pass or higher are in descending order: Väl godkänd - Pass with distinction or Godkänd - Pass. For course marked *): Fem (5) - Pass with distinction, Fyra (4) - Pass with credit, Tre (3) - Pass.*

THE SWEDISH HIGHER EDUCATION SYSTEM

(The following description is approved by the National Agency for Higher Education)

GENERAL

Higher education institutions have great autonomy in the organisation of studies, use of resources and general organisation. The higher education institutions in Sweden are designated as either *universitet* or *högskola*. The status of *universitet* is awarded by the Government to higher education institutions fulfilling certain criteria. Diplomas from all higher education institutions recognised by the Government have equal official value. The same law governs all higher education institutions. Independent higher education providers may be recognised by the Government, obtain the right to award degrees and receive state subsidies. All recognised higher education is funded by the State. All programmes and major subjects are to be evaluated by the National Agency for Higher Education every six years, starting from 2001.

GRADING

The Higher Education Ordinance states that the following grades can be awarded: Pass with Distinction (*väl godkänd*), Pass (*godkänd*) or Fail (*underkänd*) unless the institution decides to grade on some other scale. A number of courses use only two grades: Pass and Fail. Others, like Law and Engineering, traditionally use scales with several levels - expressed as letters or numbers. No overall grade is given for a degree and students are not ranked.

DEGREES

Higher education is provided in the form of courses. These may be combined to constitute degree programmes with varying levels of individual choice. Students themselves are also able to combine different courses for the award of a degree. A course syllabus is required for each undergraduate course and a curriculum for each degree programme.

Sweden has a system of credit points (*poäng*), one week of successful full-time study is equivalent to 1 credit point. One academic year usually yields 40 credit points.

In the Degree Ordinance, the Government has laid down which degrees may be awarded and the objectives for these degrees. In the Swedish higher education system there are generally no intermediate qualifications. All degrees are regarded as final qualifications, even if there is a possibility to continue studying. Degrees are divided into general degrees and professional degrees.

General degrees

1. *Högskolexamen* requiring a minimum of 80 credit points
2. *Kandidatexamen* requiring a minimum of 120 credit points with 60 credit points in the major subject including a thesis/degree project of 10 credit points
3. *Magisterexamen med ämnesdjup* (Master of) requiring a minimum of 160 credit points with 80 credit points in the major subject including one thesis of 20 or two theses/degree projects of 10 credit points each
4. *Magisterexamen med ämnesbredd* (Master of) requiring a minimum of 40 credit points with specialisation including a thesis/degree project of at least 10 credit points. A prerequisite for *magisterexamen med ämnesbredd* is a general or professional degree of at least 120 credit points or a comparable foreign degree

Kandidatexamen and *Magisterexamen med ämnesdjup* may indicate the major subject or faculty, e.g. *ekonomie magisterexamen* (... of Science in Business Administration or ... of Science in Economics). The most advanced courses (at the 61-80 credits points level) for *Magisterexamen med ämnesdjup* can be accepted as partial fulfilment of the requirements of doctoral programme.

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 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 **Family name:** Techago
- 1.2 **Given name:** Mbecho
- 1.3 **Date of birth (day/month/year):** 28 September 1979
- 1.4 **Civic registration number:** 790928-T037

2. Information identifying the qualification

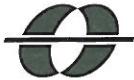
- 2.1 **Date of issue:** 16 September 2008
- 2.2 **Name of qualification and (if applicable) title conferred (in original language):** Filosofie magisterexamen
- 2.3 **Name of qualification and (if applicable) title conferred in official translation to English:** Degree of Master of Science
- 2.4 **Main field(s) of study for the qualification:** Mathematics / Applied Mathematics with Specialisation in Analytical Finance
- 2.5 **Name (in original language) and status of awarding institution:** Mälardalens högskola (State)
- 2.6 **Name (in original language) and status of institution (if different from 2.5) administering studies:** Not applicable.
- 2.7 **Language(s) of instruction:** English.

3. Information on the level of the qualification

- 3.1 **Level of qualification:** Undergraduate education, at least 4 years. This translation of level does not correspond to the British and American systems. For more information on higher education in Sweden, please go to appendix "The Swedish Higher Education System".
- 3.2 **Official length of programme:** 160 credit points. The scope of undergraduate education shall be stated in accordance with a credit system, where each credit corresponds to one week's full-time study.
- 3.3 **Access requirement(s):** General eligibility is attained by completing an upper secondary school programme and obtaining a pass grade or better in courses comprising at least 90 per cent of the upper secondary credits required in the programme, or by providing proof of an equivalent level of knowledge. The specific requirements vary according to the field of higher education and are expressed in terms of subjects in the upper secondary school. Additional requirements vary according to the course and the level of the course.

4. Information on the contents and results gained

- 4.1 **Mode of study:** Full-time equivalent.
- 4.2 **Degree requirements**
Requirements according to The Higher Education Ordinance
Scope
A Master of (Magisterexamen med ämnesdjup) shall be obtained after completing the course requirements of at least 160 credit points. Advanced studies are required in the main subject at the 80-credit point level, with passing grades.
Objectives
The general objectives set out in chapter 1, section 9 of the Higher Education Act and the objectives determined by the institution of higher education concerned.



FILOSOFIE KANDIDATEXAMEN

DEGREE OF
BACHELOR OF SOCIAL SCIENCE

Mbecho Techago
Namn/Name

790928
Personnummer/Civic registration number

har i enlighet med bestämmelserna i högskoleförordningen (1993:100 i dess lydelse före den 1 juli 2007) om examina inom grundläggande högskoleutbildning uppfyllt fordringarna för att erhålla examensbevis avseende Filosofie kandidatexamen.

has, in accordance with the Swedish Higher Education Ordinance (1993:100 prior to 1 July 2007) regarding undergraduate degrees, fulfilled the requirements stipulated and been awarded the Degree of Bachelor of Social Science.

2008-09-15
Datum/Date

På rektors vägnar
On behalf of the President

Anneli Mossberg
Examenshandläggare/Executive Officer

Filosofie kandidatexamen
Degree of Bachelor of Social Science

Huvudämne: Nationalekonomi
Major Subject: Economics

Mbecho Techago
Namn/Name

790928
Personnummer/Civic registration number

Avslutade kurser <i>Courses passed</i>	Poäng <i>Cr. points</i>	Betyg <i>Grade</i>	Datum <i>Date</i>
Nationalekonomi <i>Economics</i>			
Methods of Statistical Inference			
	5	Väl godkänd	2006-06-22
Introduction to Financial Mathematics	5	Godkänd	2006-08-03
Portfolio Theory	5	Godkänd	2007-01-09
Microeconomics and Trade Theory	10	Godkänd	2007-08-27
Intermediate Microeconomics	5	Godkänd	2007-10-25
Intermediate Macroeconomics	5	Väl godkänd	2007-12-14
Corporate Finance and Investments	10	Godkänd	2007-12-15
Analytical Finance I	5	Godkänd	2008-01-16
Bachelor Thesis in Economics	10	Godkänd	2008-06-17
Matematik/Tillämpad matematik <i>Mathematics/Applied Mathematics</i>			
Mathematics for Economics and Business			
	5	Godkänd	2004-10-30
Algebra	5	Godkänd	2005-01-18
Probability	5	Godkänd	2006-03-31
Calculus I	5	Godkänd	2006-04-02
Calculus II	5	Väl godkänd	2005-10-24
Linear Algebra	5	Godkänd	2006-04-10
Numerical Methods with MATLAB	5	Godkänd	2007-01-24
Java in Analytical Finance	10	Godkänd	2007-05-31
Degree Project in Mathematics	10	Väl godkänd	2007-06-04
Operational Analysis*)	5	Fyra (4)	2007-06-13



Filosofie kandidatexamen
Degree of Bachelor of Social Science
Huvudämne: Nationalekonomi
Major Subject: Economics

Mbecho Techago
Name/Name

790928
Personnummer/Civic registration number

Avslutade kurser <i>Courses passed</i>	Poäng <i>Cr. points</i>	Betyg <i>Grade</i>	Datum <i>Date</i>	
Företagsekonomi <i>Business Administration</i>				
Introduction to Financial and Management Accounting	10	Godkänd	2008-01-28	
Totalt antal poäng <i>Total credit points</i>	130			

Före 1 juli 2007 motsvarade ett läsårs heltidsstudier 40 poäng (60 ECTS) och en veckas heltidsstudier 1 poäng (1,5 ECTS). Från 1 juli 2007 motsvarar ett läsårs heltidsstudier 60 högskolepoäng (60 ECTS) och en veckas heltidsstudier 1,5 högskolepoäng (1,5 ECTS) enligt Högskoleförordningen (2006:1053). Denna examen omfattar 195 högskolepoäng.
Before 1 July 2007 one academic year of full-time study corresponded to 40 credit points (60 ECTS) and one week of full-time study 1 credit point (1.5 ECTS). From 1 July 2007 one academic year of full-time study corresponds to 60 higher education credits (60 ECTS) and one week of full-time study equals 1.5 higher education credits (1.5 ECTS) according to the Swedish Higher Education Ordinance (2006:1053). The scope of this degree corresponds to 195 higher education credits.

För godkänd kurs ges något av betygen Väl godkänd eller Godkänd. För kurs märkt *) ges något av betygen Med beröm godkänd (5), Icke utan beröm godkänd (4) eller Godkänd (3).
*Grades given for pass or higher are in descending order: Väl godkänd - Pass with distinction or Godkänd - Pass. For course marked *): Fem (5) - Pass with distinction, Fyra (4) - Pass with credit, Tre (3) - Pass.*



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 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 Family name:** Techago
- 1.2 Given name:** Mbecho
- 1.3 Date of birth (day/month/year):** 28 September 1979
- 1.4 Civic registration number:** 790928

2. Information identifying the qualification

- 2.1 Date of issue:** 15 September 2008
- 2.2 Name of qualification and (if applicable) title conferred (in original language):**
Filosofie kandidatexamen
- 2.3 Name of qualification and (if applicable) title conferred in official translation to English:** Degree of Bachelor of Social Science
- 2.4 Main field(s) of study for the qualification:** Economics
- 2.5 Name (in original language) and status of awarding institution:**
Mälardalens högskola (State)
- 2.6 Name (in original language) and status of institution (if different from 2.5) administering studies:**
Not applicable.
- 2.7 Language(s) of instruction:** English.

3. Information on the level of the qualification

- 3.1 Level of qualification:** Undergraduate education, at least 3 years. This translation of level does not correspond to the British and American systems. For more information on higher education in Sweden, please go to appendix "The Swedish Higher Education System".
- 3.2 Official length of programme:** 120 credit points. The scope of undergraduate education shall be stated in accordance with a credit system, where each credit corresponds to one week's full-time study.
- 3.3 Access requirement(s):** General eligibility is attained by completing an upper secondary school programme and obtaining a pass grade or better in courses comprising at least 90 per cent of the upper secondary credits required in the programme, or by providing proof of an equivalent level of knowledge. The specific requirements vary according to the field of higher education and are expressed in terms of subjects in the upper secondary school. Additional requirements vary according to the course and the level of the course.

4. Information on the contents and results gained

- 4.1 Mode of study:** Full-time equivalent.

4.2 Degree requirements

Requirements according to The Higher Education Ordinance
Scope

A Bachelor of shall be obtained after completing course requirements of at least 120 credit points in total. Advanced studies in the main subject at 60-credit point level are required, with passing grades.
Objectives

The general objectives set out in chapter 1, section 9 of the Higher Education Act and the objectives determined by the institution of higher education concerned.

Miscellaneous

In order to achieve a degree of Bachelor, the student shall have completed an independent project (degree project/thesis) of at least 10 credit points. This shall be part of the main subject studied.

The main specialisation of the degree shall be stated in the degree certificate.

THE SWEDISH HIGHER EDUCATION SYSTEM

(The following description is approved by the National Agency for Higher Education)

GENERAL

Higher education institutions have great autonomy in the organisation of studies, use of resources and general organisation. The higher education institutions in Sweden are designated as either *universitet* or *högskola*. The status of *universitet* is awarded by the Government to higher education institutions fulfilling certain criteria. Diplomas from all higher education institutions recognised by the Government have equal official value. The same law governs all higher education institutions. Independent higher education providers may be recognised by the Government, obtain the right to award degrees and receive state subsidies. All recognised higher education is funded by the State. All programmes and major subjects are to be evaluated by the National Agency for Higher Education every six years, starting from 2001.

GRADING

The Higher Education Ordinance states that the following grades can be awarded: Pass with Distinction (*väl godkänd*), Pass (*godkänd*) or Fail (*underkänd*) unless the institution decides to grade on some other scale. A number of courses use only two grades: Pass and Fail. Others, like Law and Engineering, traditionally use scales with several levels – expressed as letters or numbers. No overall grade is given for a degree and students are not ranked.

DEGREES

Higher education is provided in the form of courses. These may be combined to constitute degree programmes with varying levels of individual choice. Students themselves are also able to combine different courses for the award of a degree. A course syllabus is required for each undergraduate course and a curriculum for each degree programme.

Sweden has a system of credit points (*poäng*), one week of successful full-time study is equivalent to 1 credit point. One academic year usually yields 40 credit points.

In the Degree Ordinance, the Government has laid down which degrees may be awarded and the objectives for these degrees. In the Swedish higher education system there are generally no intermediate qualifications. All degrees are regarded as final qualifications, even if there is a possibility to continue studying. Degrees are divided into general degrees and professional degrees.

General degrees

1. *Högskolexamen* requiring a minimum of 80 credit points
2. *Kandidatexamen* requiring a minimum of 120 credit points with 60 credit points in the major subject including a thesis/degree project of 10 credit points
3. *Magisterexamen med ämnesdjup* (Master of) requiring a minimum of 160 credit points with 80 credit points in the major subject including one thesis of 20 or two theses/degree projects of 10 credit points each
4. *Magisterexamen med ämnesbredd* (Master of) requiring a minimum of 40 credit points with specialisation including a thesis/degree project of at least 10 credit points. A prerequisite for *magisterexamen med ämnesbredd* is a general or professional degree of at least 120 credit points or a comparable foreign degree

Kandidatexamen and *Magisterexamen med ämnesdjup* may indicate the major subject or faculty, e.g. *ekonomie magisterexamen* (... of Science in Business Administration or ... of Science in Economics). The most advanced courses (at the 61-80 credits points level) for *Magisterexamen med ämnesdjup* can be accepted as partial fulfilment of the requirements of doctoral programme.



FILOSOFIE KANDIDATEXAMEN

DEGREE OF
BACHELOR OF SCIENCE

Mbecho Techago
Namn/Name

790928
Personnummer/Civic registration number

har i enlighet med bestämmelserna i högskoleförordningen (1993:100 i dess lydelse före den 1 juli 2007) om examina inom grundläggande högskoleutbildning uppfyllt fordringarna för att erhålla examensbevis avseende Filosofie kandidatexamen.

has, in accordance with the Swedish Higher Education Ordinance (1993:100 prior to 1 July 2007) regarding undergraduate degrees, fulfilled the requirements stipulated and been awarded the Degree of Bachelor of Science.

2008-09-15
Datum/Date

På rektors vägnar
On behalf of the President

Anneli Mossberg
Anneli Mossberg
Examenshandläggare/Executive Officer



Filosofie kandidatexamen
Degree of Bachelor of Science

Huvudämne: Matematik/Tillämpad matematik med inriktning mot Finansiell matematik
Major Subject: Mathematics/Applied Mathematics with Specialisation in Analytical Finance

Mbecho Techago
Namn/Name

790928
Personnummer/Civic registration number

Avgjortade kurser <i>Courses passed</i>	Poäng <i>Cr. points</i>	Betyg <i>Grade</i>	Datum <i>Date</i>
Matematik/Tillämpad matematik <i>Mathematics/Applied Mathematics</i>			
Mathematics for Economics and Business			
	5	Godkänd	2004-10-30
Algebra	5	Godkänd	2005-01-18
Probability	5	Godkänd	2006-03-31
Calculus I	5	Godkänd	2006-04-02
Calculus II	5	Väl godkänd	2005-10-24
Linear Algebra	5	Godkänd	2006-04-10
Methods of Statistical Inference	5	Väl godkänd	2006-06-22
Introduction to Financial Mathematics	5	Godkänd	2006-08-03
Portfolio Theory	5	Godkänd	2007-01-09
Numerical Methods with MATLAB	5	Godkänd	2007-01-24
Java in Analytical Finance	10	Godkänd	2007-05-31
Operational Analysis*)	5	Fyra (4)	2007-06-13
Analytical Finance I	5	Godkänd	2008-01-16
Degree Project in Mathematics	10	Väl godkänd	2007-06-04
Nationalekonomi <i>Economics</i>			
Microeconomics and Trade Theory			
	10	Godkänd	2007-08-27
Intermediate Microeconomics	5	Godkänd	2007-10-25
Intermediate Macroeconomics	5	Väl godkänd	2007-12-14
Corporate Finance and Investments	10	Godkänd	2007-12-15
Bachelor Thesis in Economics	10	Godkänd	2008-06-17



Filosofie kandidatexamen

Degree of Bachelor of Science

Huvudämne: Matematik/Tillämpad matematik med inriktning mot Finansiell matematik

Major Subject: Mathematics/Applied Mathematics with Specialisation in Analytical Finance

Mbecho Techago

Namn/Name

790928

Personnummer/Civic registration number

Avslutade kurser

Courses passed

Poäng

Cr. points

Betyg

Grade

Datum

Date

Företagsekonomi

Business Administration

Introduction to Financial and Management Accounting

10

Godkänd

2008-01-28

Totalt antal poäng

Total credit points

130

Före 1 juli 2007 motsvarade ett läsårs heltidsstudier 40 poäng (60 ECTS) och en veckas heltidsstudier 1 poäng (1,5 ECTS). Från 1 juli 2007 motsvarar ett läsårs heltidsstudier 60 högskolepoäng (60 ECTS) och en veckas heltidsstudier 1,5 högskolepoäng (1,5 ECTS) enligt Högskoleförordningen (2006:1053). Denna examen omfattar 195 högskolepoäng.
Before 1 July 2007 one academic year of full-time study corresponded to 40 credit points (60 ECTS) and one week of full-time study 1 credit point (1.5 ECTS). From 1 July 2007 one academic year of full-time study corresponds to 60 higher education credits (60 ECTS) and one week of full-time study equals 1.5 higher education credits (1.5 ECTS) according to the Swedish Higher Education Ordinance (2006:1053). The scope of this degree corresponds to 195 higher education credits.

För godkänd kurs ges något av betygen Väl godkänd eller Godkänd. För kurs märkt *) ges något av betygen Med beröm godkänd (5), Icke utan beröm godkänd (4) eller Godkänd (3).

Grades given for pass or higher are in descending order: Väl godkänd - Pass with distinction or Godkänd - Pass. For course marked *): Fem (5) - Pass with distinction, Fyra (4) - Pass with credit, Tre (3) - Pass.

Anneli Mossberg

Anneli Mossberg
Examenshandläggare/Executive Officer

2008-09-15
Datum/Date

Präglat sigill
Embossed seal

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 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 **Family name:** Techago
- 1.2 **Given name:** Mbecho
- 1.3 **Date of birth (day/month/year):** 28 September 1979
- 1.4 **Civic registration number:** 790928

2. Information identifying the qualification

- 2.1 **Date of issue:** 15 September 2008
- 2.2 **Name of qualification and (if applicable) title conferred (in original language):**
Filosofie kandidatexamen
- 2.3 **Name of qualification and (if applicable) title conferred in official translation to English:** Degree of Bachelor of Science
- 2.4 **Main field(s) of study for the qualification:** Mathematics/Applied Mathematics with Specialisation in Analytical Finance
- 2.5 **Name (in original language) and status of awarding institution:**
Mälardalens högskola (State)
- 2.6 **Name (in original language) and status of institution (if different from 2.5) administering studies:**
Not applicable.
- 2.7 **Language(s) of instruction:** English.

3. Information on the level of the qualification

- 3.1 **Level of qualification:** Undergraduate education, at least 3 years. This translation of level does not correspond to the British and American systems. For more information on higher education in Sweden, please go to appendix "The Swedish Higher Education System".
- 3.2 **Official length of programme:** 120 credit points. The scope of undergraduate education shall be stated in accordance with a credit system, where each credit corresponds to one week's full-time study.
- 3.3 **Access requirement(s):** General eligibility is attained by completing an upper secondary school programme and obtaining a pass grade or better in courses comprising at least 90 per cent of the upper secondary credits required in the programme, or by providing proof of an equivalent level of knowledge. The specific requirements vary according to the field of higher education and are expressed in terms of subjects in the upper secondary school. Additional requirements vary according to the course and the level of the course.

4. Information on the contents and results gained

- 4.1 **Mode of study:** Full-time equivalent.
- 4.2 **Degree requirements**
Requirements according to The Higher Education Ordinance
Scope
A Bachelor of shall be obtained after completing course requirements of at least 120 credit points in total. Advanced studies in the main subject at 60-credit point level are required, with passing grades.
Objectives
The general objectives set out in chapter 1, section 9 of the Higher Education Act and the objectives determined by the institution of higher education concerned.
Miscellaneous
In order to achieve a degree of Bachelor, the student shall have completed an independent project (degree project/thesis) of at least 10 credit points. This shall be part of the main subject studied.

THE SWEDISH HIGHER EDUCATION SYSTEM

(The following description is approved by the National Agency for Higher Education)

GENERAL

Higher education institutions have great autonomy in the organisation of studies, use of resources and general organisation. The higher education institutions in Sweden are designated as either *universitet* or *högskola*. The status of *universitet* is awarded by the Government to higher education institutions fulfilling certain criteria. Diplomas from all higher education institutions recognised by the Government have equal official value. The same law governs all higher education institutions. Independent higher education providers may be recognised by the Government, obtain the right to award degrees and receive state subsidies. All recognised higher education is funded by the State. All programmes and major subjects are to be evaluated by the National Agency for Higher Education every six years, starting from 2001.

GRADING

The Higher Education Ordinance states that the following grades can be awarded: Pass with Distinction (*väl godkänd*), Pass (*godkänd*) or Fail (*underkänd*) unless the institution decides to grade on some other scale. A number of courses use only two grades: Pass and Fail. Others, like Law and Engineering, traditionally use scales with several levels – expressed as letters or numbers. No overall grade is given for a degree and students are not ranked.

DEGREES

Higher education is provided in the form of courses. These may be combined to constitute degree programmes with varying levels of individual choice. Students themselves are also able to combine different courses for the award of a degree. A course syllabus is required for each undergraduate course and a curriculum for each degree programme.

Sweden has a system of credit points (*poäng*), one week of successful full-time study is equivalent to 1 credit point. One academic year usually yields 40 credit points.

In the Degree Ordinance, the Government has laid down which degrees may be awarded and the objectives for these degrees. In the Swedish higher education system there are generally no intermediate qualifications. All degrees are regarded as final qualifications, even if there is a possibility to continue studying. Degrees are divided into general degrees and professional degrees.

General degrees

1. *Högskolexamen* requiring a minimum of 80 credit points
2. *Kandidatexamen* requiring a minimum of 120 credit points with 60 credit points in the major subject including a thesis/degree project of 10 credit points
3. *Magisterexamen med ämnesdjup* (Master of) requiring a minimum of 160 credit points with 80 credit points in the major subject including one thesis of 20 or two theses/degree projects of 10 credit points each
4. *Magisterexamen med ämnesbredd* (Master of) requiring a minimum of 40 credit points with specialisation including a thesis/degree project of at least 10 credit points. A prerequisite for *magisterexamen med ämnesbredd* is a general or professional degree of at least 120 credit points or a comparable foreign degree

Kandidatexamen and *Magisterexamen med ämnesdjup* may indicate the major subject or faculty, e.g. *ekonomie magisterexamen* (... of Science in Business Administration or ... of Science in Economics). The most advanced courses (at the 61-80 credits points level) for *Magisterexamen med ämnesdjup* can be accepted as partial fulfilment of the requirements of doctoral programme.