

Det bekræftes herved, at


GRZEGORZ NOWAK

Cpr.nr. 231082-██████

den 27-06-2005 bestod

**DEN ERHVERVSØKONOMISKE BACHELORUDDANNELSE
HA**

Århus, den 29. Juli 2005


Studieadministrationen


Studiechef

1. del

	Vægt	Karakterer
Bogføring, skriftlig prøve	3	7
Matematik, skriftlig prøve	8	10
Statistik, skriftlig prøve	8	7
Erhvervsøkonomi, skriftlig prøve	12	7
Samfundsøkonomi, skriftlig prøve	16	6
Erhvervs- og samfundsbeskrivelse, seminar	8	7
Databehandling, skriftlig prøve	8	6
GENNEMSNIT AF OPNÅEDE KARAKTERER 1. DEL		7.0


2. del

	Vægt	Karakterer
Erhvervsøkonomi, skriftlig prøve	5	8
Erhvervsøkonomi, caserapport	5	9
Nationaløkonomi, skriftlig prøve	6	9
Adfærd i organisationer	5	6
Adfærd i organisationer, fremlæggelse	3	7
Adfærd i organisationer, skriftlig	7	5
Organisationsteori og design, rapporter og mundtlig prøve	5	7
Statistik, hjemmeopgave og mundtlig prøve	8	10
Erhvervsøkonomisk metode, caserapport	7	10
Økonomistyring, skriftlig prøve	5	6
Eksternt årsregnskab, skriftlig prøve	5	7
Økonomistyring og eksternt årsregnskab, grupperapport	3	8
Afsætningsøkonomi, skriftlig prøve	6	6
Afsætningsøkonomi, seminar	5	8
Finansiering, skriftlig prøve	6	8
Finansiering, grupperapport	3	8
Erhvervsret, skriftlig prøve	10	6
Bachelorafhandling	24	11

Valgfag

	Vægt	Karakterer
Valgfag		
Valgfag, 4 ECTS		
Privatøkonomi og investeringsrådgivning	4	03
Logistik og Supply-Chain Management	4	9
Videregående investeringsteori	4	8
GENNEMSNIT AF OPNÅEDE KARAKTERER 2. DEL		8.3

Århus, den 29. Juli 2005


Studieadministrationen

Certificate to testify that

GRZEGORZ NOWAK

Pers.Code No

231082-XXXXXXXXXX

on 27-06-2005 has completed

**THE BACHELOR OF SCIENCE PROGRAMME
BSC(ECONOMICS AND BUSINESS ADMINISTRATION)**

Aarhus, 29 July 2005



Central Registry



Head of Central Registry

Part 1

	Weighting	Marks
Bookkeeping, written examination	3	7
Mathematics, written examination	8	10
Statistics, written examination	8	7
Managerial Economics, written examination	12	7
Economics, written examination/oral examination	16	6
Paper in Economics	8	7
Data Processing, written examination	8	6
AVERAGE OF MARKS PART 1		7.0

Part 2

	Weighting	Marks
Management Science Models, written examination	5	8
Management Science Models, Case report	5	9
Economics, written examination	6	9
Organisational Behaviour	5	6
Organisational Behaviour, Presentation	3	7
Organisational Behaviour, written examination	7	5
Organisational Theory and Design, Reports and oral examination	5	7
Statistics, home paper and oral examination	8	10
Business Research Methods, case report	7	10
Management Accounting	5	6
Financial Accounting, written examination	5	7
Management Accounting & Financial Accounting, group report	3	8
Marketing, written examination	6	6
Marketing, seminar report	5	8
Finance, written examination	6	8
Finance, report	3	8
Commercial Law, written examination	10	6
Bachelor's Thesis	24	11

Electives

	Weighting	Marks
Electives		
Electives, 4 ECTS		
Private Economy and Investment Consulting	4	03
Logistics and Supply-Chain Management	4	9
Investment Calculation for Physical Assets	4	8
AVERAGE OF MARKS PART 2		8.3

Aarhus, 29 July 2005


Central Registry

KARAKTERSKALA (Marking scale)

Meget god (Very good)	13 11 10
God (Good)	9 8 7
Acceptabel (Acceptable)	6
Mindre god (Not satisfactory)	5 03 00

For at bestå eksamen må eksaminanden have opnået en kvotient på mindst 6,0 i gennemsnit af de erhvervede karakterer.

(In order to pass, the candidate must obtain an average of at least 6.0).

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.

Holder of the Qualification

Family name(s): Nowak
Given name(s): Grzegorz
Date of birth: 231082
Civil registration number: 231082-██████

The Qualification

Name of the qualification and title conferred (in Danish):

Den erhvervsøkonomiske bacheloruddannelse HA

Name of the qualification and title conferred (in English):

The Bachelor of Science Programme (BSc) in Economics and Business Administration

Date of award:

27-06-2005

Main fields of study:

Economics and Business Administration

Name and status of awarding institution:

Handelshøjskolen i Århus/Aarhus School of Business (officially abbreviated ASB). ASB is a state-recognised and state-financed higher education institution, which is regulated according to the Ministry of Education University Act of 22 December 1999.

Language(s) of instruction/examination:

Primarily Danish

Level of the Qualification

Level of qualification:

A medium-cycle research-based qualification - predicted duration three years of full-time higher education studies.

Official length of programme:

Three years = 180 ECTS credit points

Access requirement:

Admittance to the Bachelor programmes requires one of the following secondary school leaving examinations or comparable qualifications: Upper Secondary School Leaving certificate, Higher Preparatory Examination, Higher Business Examination or Higher Technical Examination.

Certification of the Supplement

Aarhus, 29 July 2005



Registrar's Office

Contents and Results Gained

Mode of study

Full-time study programme equivalent of 180 ECTS credit points.

Programme requirements

The study programme consists of a compulsory block of courses (138 ECTS), elective courses (12 ECTS) in addition to a Bachelor's thesis (30 ECTS). The compulsory courses cover subject areas within the field of business and socio-economics as well as the tool subjects business law, business computing, statistics, mathematics and bookkeeping.

Programme details and Individual grades/marks/credits obtained

Please refer to the enclosed grade transcript.

Grading Scheme and if applicable grade distribution information

Please refer to the explanation of the grading scale on the final page.

Overall classification of the qualification

Not applicable for Danish qualifications.

The Function of the Qualification

Access to further study

The Bachelor of Science Programme in Economics and Business Administration gives access to the general Master of Science Programme in Business Administration with various lines of specialization, the Master of Science Programme in Business Administration and Information Science and the Master of Science Programme in Business Administration and Auditing.

Professional Status

The Bachelor of Science Programme in Economics and Business Administration directly qualifies the candidate to solve problems related to business economics in public as well as private companies and organizations.

Additional Information

The Bachelor of Science degrees in Business Administration comply with the Ministry of Education Order no. 612 of 18 August 1998.

Further information sources

Information in English on Aarhus School of Business (departments, study programmes, course descriptions etc.) may be obtained from the following homepage: www.asb.dk, or from ASB, Registrar's Office, Fuglesangs Allé 4, DK -8210 Århus V, Denmark, Phone +45 89 48 66 88, Fax +45 86 15 01 88. General information on higher education in Denmark can be obtained from the following two homepages: Danish Ministry of Education: www.uvm.dk, or Danish Rectors Conference/ DK-NARIC/ENIC: www.rks.dk

Institutional Information

Aarhus School of Business is an independent institution of higher education located in Aarhus, the second largest city in Denmark, with approx. 275,000 inhabitants. The school obtained its present university status in 1956, and its activities are financed by the Danish state. Aarhus School of Business is divided into two faculties: The Faculty of Business Administration and the Faculty of Language and Business Communication. Both faculties offer courses and confer degrees at Bachelor, Master and PhD level. Given the school's university status all programmes are based on research. Moreover close ties to the business community ensure that the programmes are continuously updated to meet the needs of the business community. Today, Aarhus School of Business with its approximately 6000 students - 4000 day students and 2000 evening students - is the second largest business school in Denmark. The mission and vision of the ASB is to be among the leading internationally oriented European business schools, to develop professional competence through research-based educational programmes and teaching- and learning-based research, to generate, develop and share knowledge of business administration, modern languages and related subject fields. In spring 2001 our ongoing efforts to ensure the highest standard in education and research were rewarded with the conferral of the EQUIS Accreditation by the international network EFMD - European Foundation for Management Development.

The Danish Higher Education System

The following description has been approved by the Danish Ministry of Education and the Ministry of Science, Technology and Innovation.

Admission to higher education

General access requirements to higher education in Denmark are 12 years of education including one of the following secondary school leaving examinations or comparable qualifications: *studentereksamen* (Upper Secondary School Leaving Examination); *højere forberedelseksamen (hf)* (Higher Preparatory Examination); *højere handelseksamen (hhx)*, (Higher Business Examination); *højere teknisk eksamen (htx)* (Higher Technical Examination).

3- to 4-year vocational education and training programmes often qualify for a short-cycle college programme within the same field.

Admission to many study programmes depends also on the fulfilment of specific requirements. These may either be a specific subject combination or requirements concerning the level of the subjects taken, the grades obtained, work experience etc. For a few study programmes there is a numerus clausus.

The higher education system

Institutions can be grouped into two different sectors:

- the university sector and
- the college sector, i.e. the professionally oriented higher education sector.

The university sector includes 11 universities, 5 of which are multi-faculty universities. The other 6 are specialised in fields such as engineering, education, veterinary science, agriculture, pharmacy or business studies. In addition, there are a number of specialist university-level institutions in architecture, art, music, etc. All university study programmes are research-based, and degrees are awarded at undergraduate and postgraduate level including doctoral degrees.

The college sector comprises more than 150 specialised institutions of higher education, about one-third offering short-cycle and two-thirds offering medium-cycle professionally oriented programmes. Many of the colleges are relatively small institutions with 400 – 600 students offering one or a few study programmes in a specific field. Colleges often cooperate closely with other colleges or with universities. Increasingly, colleges are merging into units that are more comprehensive.

Institutional recognition/accreditation procedures

Higher education institutions are publicly financed and State-regulated. The quality of higher education is assured by ministerial approval of new programmes and institutions, external examiners and an evaluation system. Although they have institutional autonomy, institutions must follow general regulations concerning teacher qualifications, award structures, study programmes and quality assurance.

While private institutions can operate without any approval, they must abide by an accreditation procedure to make their students eligible for state study grants.

University qualifications

Study programmes of the university sector are research-based, analytical and theoretical. They provide a broad academic foundation as well as specialised knowledge.

Medium-cycle research-based qualifications:

The Bachelor's degree (*B.A./B.Sc.*) is awarded after an

undergraduate programme of 3 years of study, normally concentrated on one or two subjects. Programmes are self-contained and qualify both for occupational functions and for studies for the *candidatus* degree.

Long-cycle research-based qualifications:

The *candidatus(a)* (*cand.* + field of study) is awarded after a total of 5-6½ years of study, normally a *B.A./B.Sc.* + 2 years of study. The programmes qualify students for assuming occupational functions and scientific work. Each *candidatus* programme must include one or two of the major fields of study of the Bachelor's programme. It includes the preparation of a thesis of ½-1 year's duration. Universities also offer international Master's programmes of 1-2 years' duration.

A less frequent degree, the *Mag.art.* (*B.A.* +3 years), is awarded following research-oriented studies in one subject and the defence of a thesis.

Doctorates:

The Ph.D. degree is awarded after a total of normally 8 years of higher education and research, including the preparation and public defence of a thesis. Admission requirements are normally a *candidatus* degree and the programme itself lasts 3 years. A higher doctoral degree (*dr.* + field of study) can be obtained by mature researchers after a minimum of 5-8 years of individual and original research and public defence of a dissertation. There is no formal study programme for this award.

College qualifications

College programmes are professionally oriented higher education (HE).

Short-cycle professional HE qualifications:

Diplomas are awarded after a 2-year vocational academy programme (*erhvervsakademiuddannelse*) building upon either relevant vocational education and training or general upper secondary education. These programmes qualify the student for performing practical, vocational tasks on an analytical basis. Apart from theoretical subjects, programmes are usually completed with a project.

Medium-cycle professional HE qualifications:

Diplomas are awarded after a 3- to 4-year programme at a level corresponding to that of university Bachelor's programmes. These programmes provide students with theoretical knowledge as well as knowledge of its application to professions and industries. Most programmes include periods of practical studies and require the submission of a project/project paper. Most programmes give access to further studies in the same field, i.e. a Master's programme or, on certain conditions, a specific *candidatus* programme.

Professional Bachelor's degrees (professionsbachelor) are awarded on completion of programmes that meet a number of criteria, such as links to research and development.

The adult education system

Alongside the ordinary higher education system, the adult education system offers Advanced Adult Education comparable to the level of short-cycle higher education, Diploma programmes comparable to the level of medium-cycle higher education, and Master's programmes (e.g. MBA) comparable to a long-cycle higher education level. Most programmes consist of 2 years of part-time study, equivalent to 1 year of full-time study. Admission requirements are a relevant educational qualification and at least 2 years of professional experience.

Examinations and diplomas

All examinations at Danish higher education institutions are administered not only by the teacher, but also by an examiner who, in the case of most examinations, must be external. The external examiners are responsible for assuring the same standard for all examinations and thus for their quality. After completion of a full programme, the student is awarded a diploma, transcript etc.

The grading scale

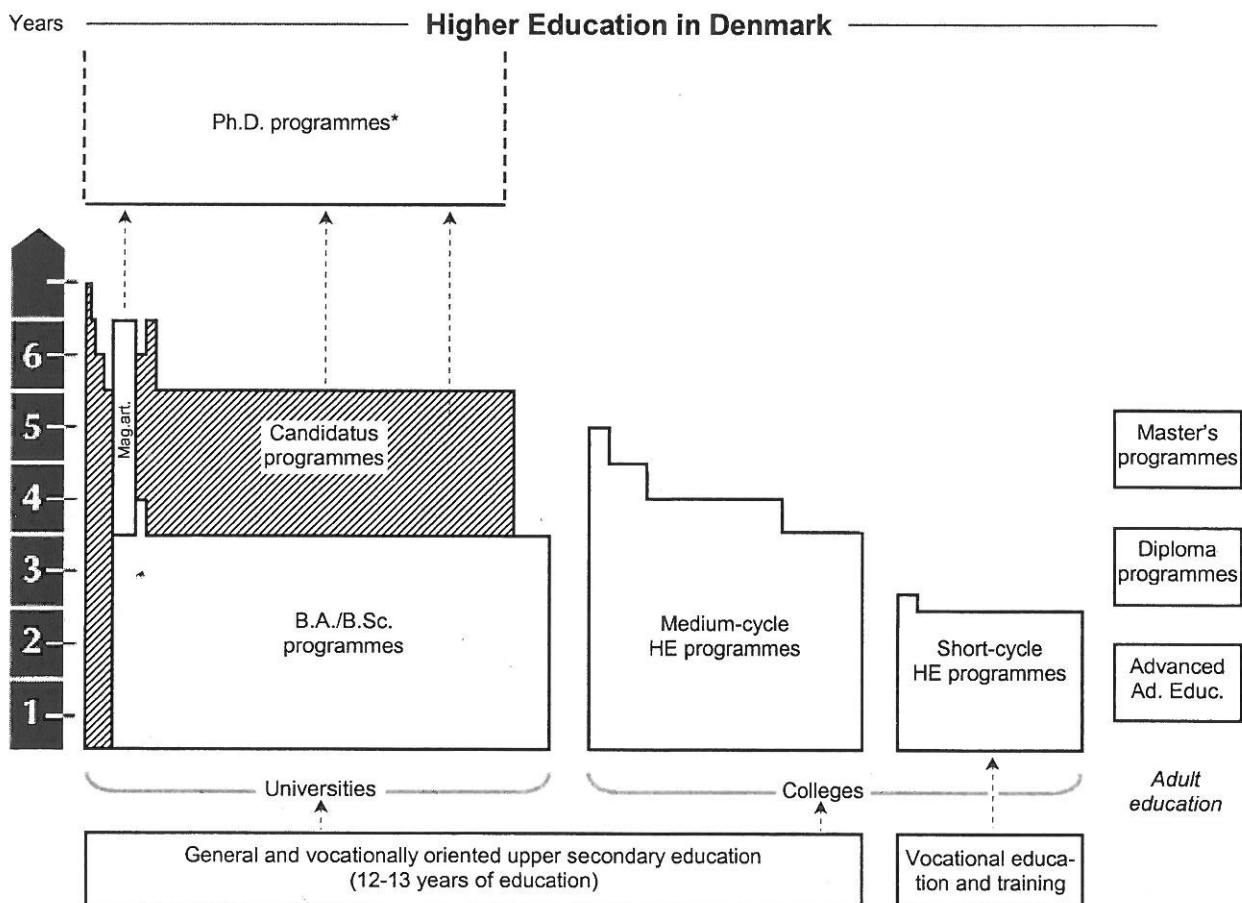
The grading scale – the 13-point scale – has been defined by the Ministry of Education, and it is intended to ensure uniformity in the evaluation of achievements at the institutions where it is used.

- 13: is given for the exceptionally independent and excellent performance *)
- 11: is given for the independent and excellent performance
- 10: is given for the excellent but not particularly independent performance
- 9: is given for the good performance, a little above average
- 8: is given for the average performance
- 7: is given for the mediocre performance, slightly below average
- 6: is given for the just acceptable performance
- 5: is given for the hesitant and not satisfactory performance
- 03: is given for the very hesitant, very insufficient and unsatisfactory performance
- 00: is given for the completely unacceptable performance

*) The grade 13 is used very seldom and then only for an extraordinary performance.

The grade 6 is the lowest pass grade for examinations where a pass grade is required. Grades awarded at higher education institutions should reflect achievements in terms of standards set by the institution.

Apart from the 13-point scale, '*bestået/ikke bestået*' (pass/fail) may be used.



* Normally 3-year programmes.

Det Erhvervsøkonomiske Bachelorstudienævn

(The Study Committee for Undergraduate Programmes, Faculty of Business Administration)

Fordeling af eksamensgennemsnit Periode: 28-07-2004 - 28-07-2005

(Distribution of average exam marks) (Period:) 28-07-2004 - 28-07-2005

Studieretning HA

(Field of stud BSc(Economics and Business Administration))

Gennemsnit* (Average)*	Antal (Number)	Pct. (Percentage)
6	5	2%
7	46	22%
8	97	47%
9	54	26%
10	5	2%
Antal (Number)	207	Fraktil (Quantile) (25): 7,5
Gennemsnit (Average)	8,0	Fraktil (Quantile) (50) 8,0
Varians (Variance)	0,59	Fraktil (Quantile) (75): 8,5

* Tallene er afrundet !
(In round figures !)