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• Bachelor of Library Science, Royal School of Library and Information Science (DK)	16

(1) Course unit code:

Refer to the ECTS information Package

(2) Duration of course unit:

Y = 1 full academic year

1S = 1 semester

1T = 1 term/trimester

2S = 2 semesters

2T = 2 terms/trimesters

(3) Description of the institutional grading system:

.....
.....
.....
.....
.....
.....
.....
.....
.....

(4) ECTS grading scale:

ECTS Grade	% of successful students normally achieving the grade	Definition (only of failing grades)
A	10	FAIL - some more work required before the credit can be awarded
B	25	FAIL - considerable further work is required
C	30	
D	25	
E	10	
FX	-	
F	-	

(5) ECTS credits:

1 full academic year = 60 credits
1 semester = 30 credits
1 term/trimester = 20 credits

ECTS – TRANSCRIPT OF RECORDS

(European Credit Transfer System)



Name of Sending Institution:	Name of Receiving Institution: Fachhochschule Aachen - University of Applied Sciences – Dept. of International Affairs Hohenstaufenallee 10, 52064 Aachen, Germany Fax: +40 (0) 241 6009 1089 aaa@fh-aachen.de
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Student information:

Family name:	First name:
Date & place of birth:	Country:
Faculty:	Matriculation number:
Study programme:	

Course unit code (1)	Title of course unit	Duration of course unit (2)	Local grade (3)	ECTS-grade (4)	ECTS-credits (5)
to be continued on a separate sheet					Total:

(1) (2) (3) (4) (5) see explanation on back page

Aachen, _____

Stamp

 (Signature of registrar/dean/administration officer/ECTS-coordinator)

NB: This document is not valid without the signature of the registrar/dean/administration officer and the official stamp of the institution.

(1) **Course unit code:**

Refer to the ECTS information package.

(2) **Duration of course unit:**

Y = 1 full academic year

1S = 1 semester

2S = 2 semesters

(3) **Description of the institutional grading system:**

ECTS Grade	Individual marks	Grade	Definition
A+	Below 1,0	MIT AUSZEICHNUNG = with distinction	Eine ausgezeichnete besonders hervorragende Leistung = An outstanding performance which is in particular excellent and distinctive
A	1,0	SEHR GUT = very good	Eine überdurchschnittliche Leistung, aber mit einigen Fehlern = Above the average standard but with some mistakes
A-	1,3		
B+	1,7	GUT = good	Eine insgesamt gute und solide Arbeit, jedoch mit einigen grundlegenden Fehlern = A generally sound work with a number of notable mistakes
B	2,0		
B-	2,3		
C+	2,7	BEFRIEDIGEND = satisfactory	Eine mittelmäßige Leistung, jedoch deutliche Mängel = Fair but with significant shortcomings
C	3,0		
C-	3,3		
D	3,7	AUSREICHEND = sufficient	Die gezeigten Leistungen entsprechen den Mindestanforderungen = The performance meets the minimum criteria
E	4,0		
FX	5,0	MANGELHAFT (nicht bestanden) = fail	Es sind Verbesserungen erforderlich, bevor die Leistungen anerkannt werden können = Some more work is required before the credit can be awarded
F	5,0	MANGELHAFT (nicht bestanden) = fail	Es sind erhebliche Verbesserungen erforderlich = Considerable further work is required

(4) **ECTS grading scale:**

German marking system		ECTS		German marking system	
Note	≤ 0,99..	A +	<i>hervorragend</i>	0,7	<i>hervorragend</i>
1,00	Note 1,29..	A	<i>sehr gut</i>	1,0	<i>sehr gut</i>
1,30	Note 1,59..	A -	<i>sehr gut</i>	1,3	<i>sehr gut</i>
1,60	Note 1,79..	B +	<i>gut</i>	1,7	<i>gut</i>
1,80	Note 2,29..	B	<i>gut</i>	2,0	<i>gut</i>
2,30	Note 2,59..	B -	<i>gut</i>	2,3	<i>gut</i>
2,60	Note 2,79..	C +	<i>befriedigend</i>	2,7	<i>befriedigend</i>
2,80	Note 3,29..	C	<i>befriedigend</i>	3,0	<i>befriedigend</i>
3,30	Note 3,59..	C -	<i>befriedigend</i>	3,3	<i>befriedigend</i>
3,60	Note 3,79..	D	<i>ausreichend</i>	3,7	<i>ausreichend</i>
3,80	Note 4,09..	E	<i>ausreichend</i>	4,0	<i>ausreichend</i>
4,10	Note 4,59..	FX	<i>nicht bestanden</i>	5,0	<i>nicht bestanden</i>
≥ 4,6	Note	F	<i>nicht bestanden</i>	5,0	<i>nicht bestanden</i>

(5) **ECTS credits:**

1 full academic year = 60 credits

1 semester = 30 credit

¹ Course code:

Refer to the ECTS Information Package

² Duration of course:

Y = 1 full academic year

1S = 1 semester

1T = 1 term/trimester

2S = 2 semesters

2T = 2 terms/trimesters

³ Description of the institutional grading system:

Letter Grade	Coefficients	Percentage
AA	4.0	90-100
BA	3.5	85-89
BB	3.0	80-84
CB	2.5	75-79
CC	2.0	70-74
DC	1.5	60-69
DD	1.0	50-59
FD	0.5	40-49
FF	0.0	39 and below

I-Incomplete, S-Satisfactory completion, U-Unsatisfactory, NA-Non-attendance

⁴ ECTS grading scale:

ECTS Grade	% of successful students normally achieving the grade	Definition
A	10	EXCELLENT – outstanding performance with only minor errors
B	25	VERY GOOD – above the average standard but with some minor errors
C	30	GOOD – generally sound work with a number of notable errors
D	25	SATISFACTORY – fair but with significant shortcomings
E	10	SUFFICIENT – performance meets the minimum criteria
FX	-	FAIL – some more work required before the credit can be awarded
F	-	FAIL – considerable further work is required

⁵ ECTS credits:

1 full academic year = 60 credits

1 semester = 28 or 32 credits

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 Family name(s):
- 1.2 Given name(s):
- 1.3 Date of birth (*day/month/year*):
- 1.4 Student identification number or code (*if available*):

2 INFORMATION IDENTIFYING THE QUALIFICATION

- 2.1 Name of qualification and (*if applicable*) title conferred (*in original language*):
- 2.2 Main field(s) of study for the qualification:
- 2.3 Name and status of awarding institution (*in original language*):
- 2.4 Name and status of institution (*if different from 2.3*) administering studies (*in original language*):
- 2.5 Language(s) of instruction/examination:

3 INFORMATION ON THE LEVEL OF THE QUALIFICATION

- 3.1 Level of qualification:
- 3.2 Official length of programme:
- 3.3 Access requirements(s)

4 INFORMATION ON THE CONTENTS AND RESULTS GAINED

- 4.1 Mode of study:
- 4.2 Programme requirements:
- 4.3 Programme details: (e.g. modules or units studied), and the individual grades/marks/credits obtained:
(*if this information is available on an official transcript this should be used here*)
- 4.4 Grading scheme and, if available, grade distribution guidance:
- 4.5 Overall classification of the qualification (*in original language*):

5 INFORMATION ON THE FUNCTION OF THE QUALIFICATION

- 5.1 Access to further study:
- 5.2 Professional status (*if applicable*):

6 ADDITIONAL INFORMATION

- 6.1 Additional information:
- 6.2 Further information sources:

7 CERTIFICATION OF THE SUPPLEMENT

7.1 Date:

7.2 Signature:

7.3 Capacity:

7.4 Official stamp or seal:

8 INFORMATION ON THE NATIONAL HIGHER EDUCATION SYSTEM

(N.B. Institutions who intend to issue Diploma Supplements should refer to the explanatory notes that explain how to complete them.)

DIPLOM-ATTEST

Attestation de Diplôme Attestato di Diploma
Degree Attestation

Vorname/Prenom Familienname/Nom
Norte/First Name Cognome/Family Name

von geboren am
de né le
di nato il
of born on

hat das Studium an der Abteilung Elektrotechnik mit Erfolg absolviert und sich nach Bestehen der vorgeschriebenen Prüfungen das *Diplom als Ingenieur HTL (Wahlrichtung Nachrichtentechnik)* erworben

a fréquenté avec succès la section d'électrotechnique et a obtenu, après avoir subi les examens obligatoires, le *Diplôme d'ingénieur ETS*

ha frequentato con successo la sezione della elettrotecnica e ha ottenuto, dopo aver superato gli esami prescritti, il *Diploma Ingegnere STS*

having attended a course of study at the Department of Electrical Engineering and having passed the obligatory examinations, was awarded the *Degree of Bachelor of Science (Electrical Engineering)*

Murtens/Basel (Schweiz), den 25. November 1989
Bâle (Suisse), le
Basilea (Svizzera), il
Basile (Svizzera),



Der Präsident
des Technikumrates:

Der Direktor
der Ingenieurschule:

President du Conseil
Presidente del Consiglio
Chairman of the Board
of Governors

Directeur
de l'École d'ingénieurs
Direttore
della Scuola di Ingegneria
Principal
of the Institute of Technology



Degree Course in Electrical Engineering

This Diploma Supplement follows the model developed by the European Commission, the 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 is free from any value judgments, equivalence statements or suggestions about recognition.

1. INFORMATION IDENTIFYING THE HOLDER OF THE QUALIFICATION

- 1.1 Family name(s):
- 1.2 Given name(s):
- 1.3 Date of birth:

2. CONVERSION OF DEGREES FROM FEDERALLY RECOGNIZED COLLEGES

Universities of Applied Sciences (Fachhochschule FH / Haute école spécialisée HES / Scuola universitaria professionale SUP) were primarily established by adapting federally recognised colleges (Höhere Fachschule / Ecole supérieure / Scuola superiore) to modern demands, e.g. colleges of business administration (Höhere Wirtschafts- und Verwaltungsschule HWV / Ecole supérieure de cadres pour l'économie et l'administration ESCEA / Scuola superiore per i quadri dell'economia e dell'amministrazione SSQEA), engineering colleges (Höhere Technische Lehranstalt HTL / Ecole technique supérieure ETS / Scuola tecnica superiore STS), art and design colleges (Höhere Fachschule für Gestaltung HFG / Ecole supérieure d'arts appliqués ESAA / Scuola superiore d'arti applicate SSAA) as well as colleges of home economics (Höhere Hauswirtschaftliche Fachschule HHF / Ecole supérieure d'Economie familiale ESEF / Scuola specializzata superiore d'economia domestica SSED). Graduates of these former colleges have the opportunity to take up a federal offer of obtaining a degree awarded by the Universities of Applied Sciences after gaining certain additional qualifications. This opportunity is also open to graduates of the Ecole hôtelière de Lausanne who completed their studies in 1998, 1999 or 2000. Further details as to the status of the FH/HES/SUP can be found in par. 8 of this supplement.

3. INFORMATION ON THE DEGREE HOLDER'S QUALIFICATIONS

3.1 Nature of the qualification:

The degree holder earned a diploma of a federally recognized engineering college (HTL/ETS/STS) and shows evidence of a subsequent professional experience of at least five years or the successful completion of a post-diploma course at university level. These qualifications allow him to carry the following FH/HES/SUP title.

3.2 Legally protected title:

In German: Ingenieurin FH / Ingenieur FH in Elektrotechnik, in French: Ingénieur HES en électrotechnique, in Italian: Ingegnere SUP in elettrotecnica.

3.3 Title in English:

Corresponds to a Bachelor of Engineering, degree course in Electrical Engineering.

3.4 Name of the awarding organisation:

Federal Office for Professional Education and Technology OPET

4. INFORMATION ON THE COLLEGE EDUCATION AND THE ADDITIONALLY ACQUIRED QUALIFICATIONS

4.1 Information on the prerequisite engineering college studies:

Studies at an engineering college (HTL/ETS/STS) provided students with solid subject-specific knowledge and led to an application-oriented degree at the tertiary level. The study programme consisted of humanities, mathematical and natural sciences as well as subject-specific scientific engineering basics and their fields of application. In addition, business administration basics (generally including accountancy) were dealt with.

4.1.1 Official length of study:

3 years of full-time study

4.1.2 Admission requirements:

The general prerequisite was the completion of a federally recognized professional education and training (which lasts a minimum of 3 years) in a field relevant to the degree in question. In addition, candidates generally had to pass an entrance examination. Holders of a general Baccalaureate (Gymnasiale Maturität / Maturité gymnasiale / Maturità liceale) were admitted if they had acquired regulated professional experience of at least one year in a relevant field.

4.1.3 Graduation:

Prerequisites for completion of studies were the passing of intermediate graduation examinations as well as the final graduation examination, including an application-oriented thesis project in a selected engineering field.

4.1.4 Electrical Engineering studies:

After electrical engineering basics, in recent times augmented by computer science, students as a rule embarked on a specific field of studies chosen from their school's syllabus. Generally this encompassed either electrical power engineering and electrical machines, or electronics, measurement, telecommunications, digital electronics, control and automation. In more recent years this range has also included computer science and computer communications as well as microelectronics. At any given time, subject-specific education reflected the prevailing state of the art.

4.1.5 Professional status:

On the basis of their broad and solid fundamental knowledge as well as their skills and competence, Electrical Engineers HTL/ETS/STS can be successfully employed in a wide spectrum of industrial activities (hardware and software design, project engineering, certification, initialisation of plants and installations, technical sales support, training, technical management). First-time employment was often in research and development or involved work unit or project responsibility. The generalistic background is a sound basis for continuing education and professional development as well as for taking on line management functions.

4.2 Acquired HTL/ETS/STS diploma:

4.2.1 Name of school: HTL / ETS / STS beider Basel, Muttenz

4.2.2 Date of graduation: 1989

4.2.3 Title: Ingenieur HTL in Elektrotechnik (Electrical Engineering)

4.2.4 Details of the degree course, grades, assessments and credits obtained:

see degree certificate

4.2.5 Grading scheme:

Generally the following grading scale was used:

6 = very good, 5 = good, 4 = sufficient, 3 = insufficient, 2 = poor, 1 = of no value

4.2.6 Overall classification of the qualification:

No overall classifications were awarded.

4.3 Additional requirements for being awarded the FH/HES/SUP title:

4.3.1 Professional experience:

Recognized experience of at least 5 years in a related engineering field

or

4.3.2 Post-diploma course:

Post-diploma course at university level with at least 200 lecture hours (100 lecture hours for the HTL/ETS/STS class of 1999/2000). Admittance, teaching staff and syllabus according to the Post-diploma Studies (NDS/EPG/SPD) recognized by the Federal Department of Economic Affairs.

5. INFORMATION ON THE LEVEL OF THE ACQUIRED FH/HES/SUP TITLE

5.1 Level of the qualification:

University level qualification for generalists with a marked concentration on practical applicability. The degree course builds upon a completed high school level education as well as practical experience.

5.2 Official length of the programme:

3 years of full-time study plus subsequent thesis project. (Corresponds to 200 ECTS credit points).

5.3 Admission requirements:

The prerequisite for study is the achievement of the standard required for matriculation at a University of Applied Sciences. This usually takes the form of a federally recognised Professional Baccalaureate certificate (Berufsmatura / Maturité professionnelle / Maturità professionale) or a federally recognised general Baccalaureate certificate (Gymnasiale Maturität / Maturité gymnasiale / Maturità liceale). An additional requirement is completed professional training or at least one year of proven work experience in a field relevant to the degree course in question.

5.4 Programme requirements:

The University of Applied Sciences (FH/HES/SUP) degree course in Electrical Engineering provides the student with solid subject-specific knowledge, interpersonal skills, knowledge of methods and techniques, and awareness of personal strengths and weaknesses. It leads to a professionally oriented certificate of higher education. Graduates

- have at their disposal a broad and profound professional knowledge in electrical engineering as well as computer engineering and are able to successfully use it in all relevant fields of application;
- are capable of interacting with respective specialists;
- possess a sound understanding of business administration (including accountancy) and of economical aspects as well as of ecological challenges;
- are able to acquire or deepen specific knowledge when necessary, and to keep it up to date;
- think analytically and interdisciplinary, grasp complex contexts and are able to extract the essentials;
- have command over efficient problem-solving methods and are capable of utilising them appropriately and innovatively;
- are in a position to critically question and assess possible solutions;
- understand industrial procedures and processes used in the design and manufacturing of technical products;
- possess a sound general background and know about cultural relations;

- act as partners, are consensus-oriented and are able to work under stress;
 - can cope with changing and unusual situations.
- Prerequisites for completion of studies are the passing of intermediate graduation examinations as well as the final graduation examination, including an application-oriented thesis project in a selected engineering field.

5.5 Access to further studies:

A University of Applied Sciences degree in Engineering can serve as an entry qualification to further studies (e.g. Masters degree courses) at Universities of Applied Sciences and other universities as well as to other special tertiary-level courses.

6. SOURCES OF FURTHER INFORMATION

Federal Office for Professional Education and Technology OPET, Leistungsbereich Fachhochschulen, Effingerstrasse 27, CH-3003 Bern
 Tel. + 41 31 322 21 29, Fax: + 41 31 324 92 47, E-Mail: fachhochschulen@bbt.admin.ch
 Homepage of OPET: www.admin.ch/bbt

STV/Swiss Engineering

Tel. + 41 1 268 37 11, Fax: + 41 1 268 37 00, E-Mail: info@SwissEngineering.ch

7. CERTIFICATION OF THE SUPPLEMENT

Federal Office for Professional Education and Technology

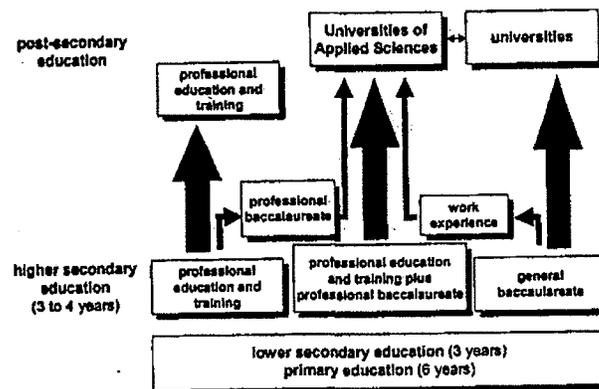


Eric Fumeaux, Director

Berne, A

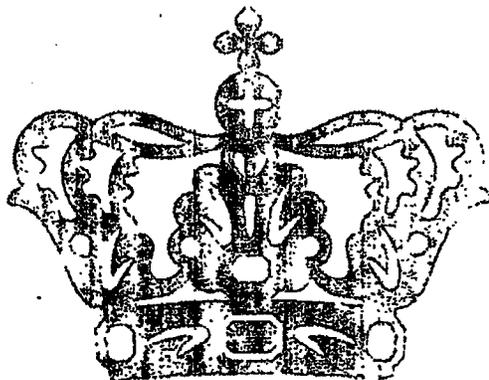
8. THE NATIONAL HIGHER EDUCATION SYSTEM

Switzerland has a dual university system. Both universities and Universities of Applied Sciences have different characteristics but are of equal status and economical importance. The general prerequisite for entry to university-level education is a 12 to 13-year education and a recognised Baccalaureate. The graphic below shows the organisation of the post-primary school education system in Switzerland.



Universities: The Swiss universities are either cantonal institutions, which are partly financed by the federal government, or federal institutions. Entry to the universities is usually by means of the general Baccalaureate (Gymnasiale Maturität / Maturité gymnasiale / Maturità liceale). With their academically oriented courses, these institutions have responsibility for the maintenance of the academic and scientific community.

Universities of Applied Sciences: The Universities of Applied Sciences are mainly cantonal or regional institutions but are subject to federal regulation (mission, function and accreditation) and are partly supported with federal funds. The mission and function of the Universities of Applied Sciences oblige them, apart from offering degree course programs, to be nationally and internationally active in applied research and development, technology and knowledge transfer, as well as in graduate level education. Students hold a Professional Baccalaureate (Berufsmatura / Maturité professionnelle / Maturità professionale) or a general Baccalaureate (Gymnasiale Maturität / Maturité gymnasiale / Maturità liceale) at entry. By providing an applied, scientifically based education, the Universities of Applied Sciences prepare qualified young professionals for entry into the job market and particularly for the executive staff of small and medium-sized enterprises (SME), which are predominant in Switzerland. The courses of study and also the degrees are federally recognised and the titles they award are legally protected.



EKSAMENSBEVIS

DIPLOMA

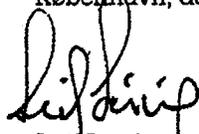
har gennemført uddannelsen til Bibliotekar DB og er tildelt titlen

Bibliotekar DB

The holder of this diploma has completed the 3½-Year Undergraduate Programme in Library and Information Science and has been awarded the degree of

Librarian DB

København, den 29. januar 2002


Leif Lørring
Rektor

Eksamensresultatet og de opnåede karakterer findes opført på det vedlagte bilag.

The examination result and the individual grades obtained are listed on the enclosed sheet.

ROYAL SCHOOL OF
LIBRARY AND
INFORMATION SCIENCE



København, 10. november 2004
/hl



World Education Services (WES)
Bowling Green Station
P.O. Box 5087
New York, NY 10274-5087
USA

Danmarks Biblioteksskole

Birketinget 6
DK-2300 København S
Tel +45 32 58 60 66
Fax +45 32 84 02 01
E-mail db@db.dk
www.db.dk

Søhngårdsholmsvej 2
DK-9000 Aalborg
Tel +45 98 15 79 22
Fax +45 98 15 10 42
E-mail dbaa@db.dk
www.db.dk

CVR-nr. DK 62 63 17 16

Please find enclosed diplomas issued by The Royal School of Library and Information Science to:

_____ has a Librarian DB degree (DB standing for Danmarks Biblioteksskole).

The Librarian DB programme consists of a three-year Bachelor of Library and Information Science programme supplemented by a six-month workplace-related project.

Separate diplomas are issued related to the 3-year Bachelor of Library and Information Science degree and to the six-month workplace-related project.

Sincerely yours

Peter Havnø
Registrar



Name
Date of birth
Examination period 18 June 2001

	ECTS	Assessments	
		Passed=B	Mark 0-13
Semester 1			
The Danish Library and Information Sector	5		11
Information Retrieval: Introduction	5		10
Knowledge Organisation and Retrieval: Databases and Networks	5	B	
Sociology of Science and Scientific Communication	5		10
Semester 2			
Research Methods	10		9
Culture, Literature and Media	10		9
Semester 3			
Information Retrieval and Communication as well as Advanced Information Retrieval	16		10
History of Civilisation, Libraries and Books	11		10
Knowledge Organisation I: Indexing Theory as well as Knowledge Organisation II: Indexing Languages	11		9
Semester 4			
Information Selection	6	B	
Organisation and Finance	12		8
Option 1: User and Media Studies <i>EU Information on the Internet</i>	12	B	
Knowledge Organisation III: Design of Information Systems	6	B	
Semester 5			
Option 2: Knowledge Organisation and Information Retrieval in Subject Disciplines (Kun 4. Semester) <i>Knowledge Organisation and Information Seeking in the Area of Visual Media</i>	13,5	B	
Option 3: Information Selection in Subject Disciplines	7,5		*)
Option 4: Specialisation Subject	15		*)
Semester 6			
Final Year Project as well as Option 5: Library and Information Science Topic <i>Perspectives on Knowledge Organisation</i>	30		10
Title of thesis: <i>Hvilken funksjonalitet kan Open Archives Initiative's poster i ukvalifisert Dublin Core idéelt oppnå og hvilken funksjonalitet oppnås i virkeligheten? (Gruppeoppgave)</i>			
Overall average of marks (Thesis counted twice)			9,6

*) Study abroad period as Socrates/Erasmus exchange student undertaken at Department of Information and Library Management University See appended transcript of results

I certify this to be a true copy. Copenhagen, 10 November 2004

Peter Havnø
Registrar

The educational program leading to the award of the degree of Bachelor in Library and Information Science is offered according to Ministry of Culture Order No. 460 of 15 June 1998. The educational program leading to the Bachelor degree is structured as a mainly theoretical study of three years' duration.



Eksaminandens navn og CPR-nr. [redacted]
Eksamenstermin 29. januar 2002

Bedømmelse
Assessment (Mark 0-13)

Erhvervsrelateret projekt
Vocational Project

8

Evaluering af ... - de anvendte metoder

Udskriftens rigtighed bekræftes, København, 10 November 2004

I certify this to be a true copy, 10 November 2004, Copenhagen,

Peter Havnø
Studieadministrationschef
Registrar

Den 3½-årige uddannelse til bibliotekar DB / bachelor i biblioteks- og informationsvidenskab udbydes i henhold til Kulturministeriets bekendtgørelse nr. 460 af 15. juni 1998 om bachelor- og kandidatuddannelser m.v. ved Danmarks Biblioteksskole. Uddannelsen er tilrettelagt som et overvejende teoretisk studium af 3 års varighed, suppleret med et erhvervsrelateret projekt af et halvt års varighed. Eksamensbeviset udgøres dels af et bevis for de gennemførte eksaminer på den 3-årige bacheloruddannelse, dels af et selvstændigt bevis for det erhvervsrelaterede projekt.

The educational program leading to the award of the degree of Bachelor in Library and Information Science is offered according to Ministry of Culture Order No. 460 of 15 June 1998. The course leading to the Bachelor's qualification is structured as a mainly theoretical program of studies of three years' duration, supplemented by a vocational project at a workplace within the library and information sector of a half year's duration. The diploma consists of two parts: A diploma related to the 3-year theoretical program of studies and a diploma related to practical project within the library and information sector.



Eksaminandens navn
og CPR-nr.
Eksamenstermin 18. juni 2001

	ECTS	Bedømmelse (Bestået) (Karakter)
1. semester		
Bdi-området i Danmark	5	11
Informationssøgning: introduktion	5	10
Organisation og søgning: databaser og netværk	5	B
Videnskabssociologi og videnskabelig kommunikation	5	10
2. semester		
Forskningsmetode	10	9
Kultur, litteratur og medier	10	9
3. semester		
Informationssøgning og formidling samt Avanceret informationssøgning	16	10
Kultur-, biblioteks- og boghistorie	11	10
Vidensorganisation I: indekseringsteori samt Vidensorganisation II: indekseringssprog	11	9
4. semester		
Informationsselektion	6	B
Organisation og økonomi	12	8
Valg 1: Bruger- og mediestudier <i>EU-information på Internettet</i>	12	B
Vidensorganisation III: design af informationssystemer	6	B
5. semester		
Valg 2: Vidensorganisation og informationssøgning i fag (Kun 4. Semester) <i>Billedmedier</i>	13.5	B
Valg 3: Informationsselektion i fag	7.5	*)
Valg 4: Særligt studeret emne	15	*)
6. semester		
Valg 5: Biblioteks- og informationsvidenskabeligt emne samt bacheloropgave <i>Perspektiver på vidensorganisation</i>	30	10
Opgavens titel: <i>Hvilken funktionalitet kan Open Archives Initiative's poster i ukvalificeret Dublin Core idéelt opnå og hvilken funktionalitet opnås i virkeligheden? (Gruppeopgave)</i>		
Eksamensresultat (Bacheloropgave tæller dobbelt)		9,6

*) Socrates/Erasmus udvekslingsstuderende ved Department of Information and Library Management University
Se vedlagte karakterudskrift

Udskriftens rigtighed bekræftes. København, 10. november 2004

Peter Havne
Studieadministrationschef



Eksaminandens navn
og CPR-nr. 1
Eksamenstermin 29. januar 2002

Bedømmelse
Assessment (Mark 0-13)

Erhvervsrelateret projekt
Vocational Project

8

Evaluering af *de anvendte metoder*

Udskriftens rigtighed bekræftes, København, 10. november 2004
I certify this to be a true copy, 10 November 2004, Copenhagen,



Peter Havnø
Studieadministrationschef
Registrar

Den 3½-årige uddannelse til bibliotekar DB / bachelor i biblioteks- og informationsvidenskab udbydes i henhold til Kulturministeriets bekendtgørelse nr. 460 af 15. juni 1998 om bachelor- og kandidatuddannelser m.v. ved Danmarks Biblioteksskole. Uddannelsen er tilrettelagt som et overvejende teoretisk studium af 3 års varighed, suppleret med et erhvervsrelateret projekt af et halvt års varighed. Eksamensbeviset udgøres dels af et bevis for de gennemførte eksaminer på den 3-årige bacheloruddannelse, dels af et selvstændigt bevis for det erhvervsrelaterede projekt.

The educational program leading to the award of the degree of Bachelor in Library and Information Science is offered according to Ministry of Culture Order No. 460 of 15 June 1998. The course leading to the Bachelor's qualification is structured as a mainly theoretical program of studies of three years' duration, supplemented by a vocational project at a workplace within the library and information sector of a half year's duration. The diploma consists of two parts: A diploma related to the 3-year theoretical program of studies and a diploma related to practical project within the library and information sector.



THE ROYAL SCHOOL OF LIBRARY AND INFORMATION SCIENCE 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 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.

1. Information Identifying the Holder of the Qualification

- 1.1 Family name(s):
- 1.2 Given name(s):
- 1.3 Date of birth:
- 1.4 Civil registration number:

2. Information Identifying the Qualification

- | | |
|---|--|
| <p>2.1 Name of qualification and title conferred
(in Danish): Bibliotekar DB
Name of qualification and title conferred
(in English): Librarian DB with DB
standing for Danmarks Biblioteksskole</p> <p>2.2 Date of award: 29 January 2002</p> <p>2.3 Main fields of study: Library and
Information Science</p> <p>2.4 Name and status of awarding institution:
Danmarks Biblioteksskole/The Royal</p> | <p>School of Library and Information Science
(RSLIS). RSLIS is a national-level higher
education institution, which belongs
under the Ministry of Culture. As a state
institution, it is regulated by Ministry of
Culture Act No. 17 of 14 January 1998.</p> <p>2.5 Language(s) of instruction/examination:
Primarily Danish. A few BLISc course units
and seminars are taught in English.
Examinations are conducted in Danish.</p> |
|---|--|

3. Information Identifying the Level of the Qualification

- | | |
|---|--|
| <p>3.1 Level of qualification: A medium-cycle
research-based undergraduate programme
requiring a total of 3 ½ years of full-time
higher education studies (3-year Bachelor
of Library and Information Science degree
+ ½ year workplace-related project).</p> <p>3.2 Official length of programme: 3½ years =
210 ECTS credit points</p> <p>3.3 Access requirements: Acceptance to the
BLISc programme requires a Danish upper
secondary school leaving examination
such as that provided by the Gymnasium,</p> | <p>the higher preparatory examination or HF-
programme, the higher commercial
examination or HHX-programme and the
higher technical examination or HTX-
programme or an approved equivalent
foreign upper secondary education.
Acceptance to the one-semester
workplace-related educational sequence
leading to the award of the Librarian DB
qualification requires successful
completion of the Bachelor of Library and
Information Science (BLISc) programme.</p> |
|---|--|

4. Information Identifying the Contents and results gained

- | | |
|---|--|
| <p>4.1 Mode of study: Three years of full-time
studies towards the degree of BLISc,
coupled with a one-semester practice-
related project sequence (the equivalent of
a total of 210 ECTS credit points).</p> <p>4.2 Programme requirements: The 3-year
BLISc study programme includes a core of
required course units offered mainly
during the first three semesters (a total of
102 ECTS credit points) and a range of
options. The BLISc programme aims at
preparing highly qualified professionals
possessing the knowledge and skills
needed for a very broad and expanding
field of work. Theoretical and analytical
skills development and opportunities of
specialisation have a high priority. The
programme is concluded in the final year
with a thesis project of 10 ECTS credit</p> | <p>points. The subsequent one-semester (half
year) workplace-related project sequence
allows students to earn the degree of
Librarian DB. The project can be
undertaken in a library, a company, a
professional organisation or a public sector
agency or institution. The semester ends
with a special paper.</p> <p>4.3 Programme details and individual
grades/marks/ credits obtained: Please
refer to the enclosed grade transcript</p> <p>4.4 Grading scheme and if applicable grade
distribution information: Please refer to the
explanatory grading scale at the final
page.</p> <p>4.5 Overall classification of the qualification:
Not applicable for Danish qualificat</p> |
|---|--|

5. Information on the Function of the Qualification

- 5.1 **Access to further study:** A Librarian DB qualification gives general access to postgraduate studies either at the Royal School of Library and Information Science or at other higher education institutions in Denmark. Specific admission is subject to an institutional approval.
- 5.2 **Professional status:** Librarian DB degree holders in the field of Library and Information Science (LIS) are qualified for positions available in public, academic and research libraries as well as in the various information-intensive sub-sectors of the private sector.
- 5.3 **Institutional Information:** The Royal School of Library and Information Science (RSLIS) is the national university for education and research in the field of library and information science (LIS) in Denmark. RSLIS is an internationally recognised educational and research institution, with its activities centred on two locations in Denmark: a School in Copenhagen and a Branch in Aalborg. Its activities are defined in an Act passed by the Danish Parliament in 1998.
- RSLIS has approximately 900 full-time undergraduate and postgraduate degree students and 20 PhD students. It has a permanent staff of approximately 145, including more than 80 teaching and research academics. Annually, some 5,000 LIS employees from different types of library and in the private sector attend the short courses, seminars and one-day events.

6. Additional Information

- 6.1 **Additional information:** The MLISc programme is in accordance with the Ministry of Culture Order on Bachelor and Master programmes at the Royal School of Library and Information Science, etc. (No. 460 of 15 June 1998).
- 6.2 **Further information sources:** Information in English on the Royal School of Library and Information Science (departments, study programmes, course descriptions, etc.) may be obtained from the following homepage: www.db.dk or from:

The Royal School, Registrar's Office
6 Birketinget, DK-2300 Copenhagen S.,
Denmark
Phone +45 3258 6066
Fax +45 3284 0201
e-mail: db@db.dk

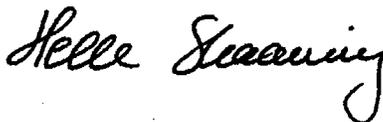
The Royal School, Aalborg Branch
2 Sohngårdsholmsvej, DK-9000 Aalborg,
Denmark
Phone: +45 9815 7922
Fax: +45 9815 1042
e-mail: dbaa@db.dk

General information on higher education in Denmark can be obtained from the following two homepages: Cirius: www.ciriusonline.dk, or Danish Rectors' Conference/DK-NARIC/ENIC: www.rks.dk

7. Certification of the Supplement:

7.1 **Date:** 10 November 2004

7.2 **Signature:** Helle Skaaning



7.3 **Capacity:** Senior Clerk

7.4 **Official stamp or seal:**

Danmarks Biblioteksskole
Birketinget 6
DK-2300 København S

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 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.

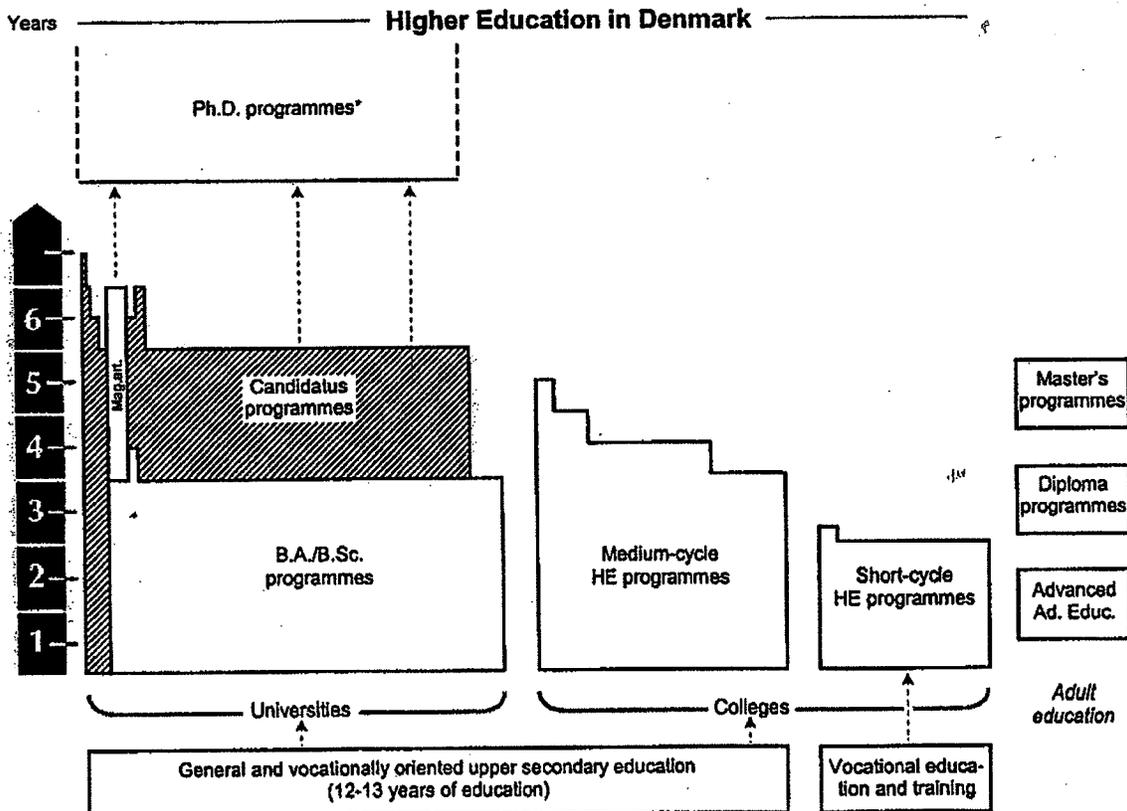
The grading scale

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.