

Republika Slovenija
UNIVERZA V MARIBORU

priloga k diplomi

Janez Novak

*Ocenjevanje tveganj - model
izračuna neželenih dogodkov*

Številka diplome:
M00777



priloga k diplomi

Priloga k diplomi se izdaja na podlagi 32. člena Zakona o visokem šolstvu (Uradni list RS, št. 67/93, 22/94 – odločba US, 39/95 – odločba US, 18/98 – odločba US, 35/98 – odločba US in 99/99) in ob upoštevanju *Konvencije o priznavanju visokošolskih kvalifikacij v evropski regiji* (Uradni list RS – Mednarodne pogodbe, št. 14/99) ter priporočil Evropske komisije, Sveta Evrope in Unesco/Cepesa.

Sestavljena je iz osmih poglavij in vsebuje:

1. informacijo o diplomantu,
2. informacijo o visokošolski izobrazbi,
3. informacijo o stopnji izobrazbe,
4. informacijo o študiju in uspešnosti diplomanta,
5. informacijo o možnostih za nadaljevanje študija in zaposlovanja,
6. dodatne informacije,
7. podpis pooblaščenih oseb in pečat in
8. informacijo o visokošolskem sistemu v Republiki Sloveniji.

V prilogo k diplomi se ne vpisujejo vrednostne sodbe, izjave o ekvivalentnosti ali predlogi za priznavanje visokošolske izobrazbe v drugih državah.

1. INFORMACIJA O DIPLOMANTU

- 1.1 Ime: JANEZ
- 1.2 Priimek: NOVAK
- 1.3 Datum in kraj rojstva: 17. 5. 1973, MARIBOR
- 1.4 Vpisna številka študenta: 78965423

2. INFORMACIJA O VISOKOŠOLSKI IZOBRAZBI

2.1 Ime listine in strokovni oziroma znanstveni naslov:

Ime listine: Diploma o magisteriju

Strokovni oz. znanstveni naslov: MAGISTER ZNANOSTI

2.2 Študijsko področje, študijski program, smer:

Študijsko področje: TEHNIŠKE VEDE

Študijski program: Podiplomski študijski program za pridobitev magisterija ELEKTROTEHNIKA

Študijski program je bil sprejet na Senatu FERI 26. 01. 1996, na Senatu UM 26. 3. 1996 in na Svetu za visoko šolstvo RS 30. 05. 1996, z novimi predmetniki pa dopolnjen na Senatu FERI 23. 11. 2001, na Senatu UM 22. 1. 2002 in na Svetu za visoko šolstvo RS 15. 03. 2002.

2.3 Ime visokošolskega zavoda, ki je diplomo podelil:

Univerza v Mariboru

Fakulteta za elektrotehniko, računalništvo in informatiko

FERI

Smetanova ul. 17

2000 Maribor

2.4 Pravni status visokošolskega zavoda: Državni

2.5 Uradni učni jezik: Slovenski jezik

3. INFORMACIJA O STOPNJI IZOBRAZBE

3.1 Stopnja izobrazbe: Magisterij

3.2 Trajanje študija: 2 LETI

3.3 Vpisni pogoji:

V magistrski študijski program Elektrotehnika se lahko vpišejo kandidati, ki:

- so uspešno končali katerega izmed naslednjih univerzitetnih študijskih programov dodiplomskega študija: elektrotehnika, računalništvo in informatika, fizika, matematika, gospodarsko inženirstvo - elektrotehniška smer z zaključno oceno najmanj 8 (prav dobro) ali če so kandidati vključeni v raziskovalno delo, kar dokazujejo z objavljenimi članki in referati ter imajo po diplomi dve leti delovnih izkušenj, in
- vsaj pasivno obvladajo dva svetovna jezika ali enega aktivno.

4. INFORMACIJA O ŠTUDIJU IN USPEŠNOSTI DIPLOMANTA

4.1 Način študija: Izredni

4.2 Glavne sestavine programa in študentove obveznosti:

Predavanja: 375 ur

Število izpitov: 7

Število ECTS točk: 120

4.3 in 4.4 Podatki o študijskem programu ter uspeh študenta pri študiju in diplomi

Št.	Predmet	Letnik	Število ur predavanj	Število ur vaj	Skupaj	ECT S	Ocena	Datum
1	IZBRANA POGLAVJA IZ FIZIKE	1	75	0	75	15	09	27. 1. 1999
2	IZBRANA POGLAVJA IZ TEORETSKE ELEKTROTEHNIKE	1	75	0	75	15	10	4. 3. 1999
3	IZBRANA POGLAVJA IZ STIKALNIH NAPRAV	1	75	0	75	15	10	1. 6. 1999
4	METODE KONČNIH IN ROBNIH ELEMENTOV V ELEKTROTEHNIKI	2	75	0	75	15	10/10	13. 12. 1999
5	ELEKTROENERGETSKI SISTEMI	2	75	0	75	15	10	22. 5. 2001
6	IRD I	1	0	0	0	15	10	23. 5. 2001
7	IRD II (priprava in zagovor magistrske naloge)	2	0	0	0	30	10	23. 5. 2001

Ocena diplomskega dela: 0,0

4.5 Ocenjevalna lestvica:

10	odlično (izjemni rezultati z zanemarljivimi napakami)
9	prav dobro (nadpovprečno znanje, vendar z nekaj napakami)
8	prav dobro (solidni rezultati)
7	dobro (dobro znanje, vendar z večjimi napakami)
6	zadostno (znanje ustreza minimalnim kriterijem)
5 – 1	nezadostno (znanje ne ustreza minimalnim kriterijem)

4.6 Povprečna ocena: 9,9

5. INFORMACIJA O MOŽNOSTIH ZA NADALJEVANJE ŠTUDIJA IN ZAPOSLOVANJA

5.1 Možnosti za nadaljevanje študija:

Magister znanosti lahko nadaljuje izobraževanje na študijskem programu za pridobitev doktorata znanosti.

5.2 Možnosti za opravljanje poklica:

Magister znanosti je usposobljen za zahtevna delovna mesta v akademskem okolju, znanstveno-raziskovalnih inštitucijah, gospodarstvu in negospodarstvu.

6. DODATNE INFORMACIJE

6.1 Dodatne informacije:

6.2 Viri dodatnih informacij:

Univerza v Mariboru
Fakulteta za elektrotehniko, računalništvo in informatiko
Smetanova 17
2000 Maribor
Tel: +386 2 220 70 07
Fax: +386 2 220 70 24
e-mail: info@feri.uni-mb.si
Internet: www.feri.uni-mb.si

ENIC/NARIC Nacionalni informacijski center
za akademsko priznavanje diplom Ministrstvo za šolstvo, znanost in šport
Župančičeva 6
1000 Ljubljana
Slovenija
Tel: +386 1 478 57 31, +386 1 478 53 90
Fax: +386 1 478 56 69
e-mail: anita.jesenko@mss.edus.si

7. PODPIS POOBlašČENE OSEBE IN PEČAT

Datum: 24. 11. 2000

Dekan

Pečat:

8. INFORMACIJA O VISOKOŠOLSKEM SISTEMU V REPUBLIKI SLOVENIJI

Visoko šolstvo v Republiki Sloveniji ureja zakon o visokem šolstvu. Veljati je začel 1. 1. 1994, dopolnitve pa 24. 12. 1999. Študij je dodiplomski in podiplomski. Dodiplomski študijski programi so univerzitetni in visokošolski strokovni. Fakultete in akademije lahko izvajajo obe vrsti programov, visoke strokovne šole pa le visokošolske strokovne. Podiplomski študijski programi so: programi za pridobitev specializacije, programi za pridobitev magisterija in programi za pridobitev doktorata znanosti. Po dodiplomskih programih se pridobi diploma in tako imenovani prvi strokovni naslov; po podiplomskih si je mogoče pridobiti drugo diplomu in drugi strokovni naslov specialist ali znanstvena naslova magister znanosti oziroma umetnosti in doktor znanosti. Strokovni in znanstveni naslovi so določeni v skladu z zakonom o strokovnih in znanstvenih naslovih (Uradni list RS, št. 47/98). V tujini pridobljeni strokovni in znanstveni naslov velja, če je diploma, s katero se izkazuje pridobitev naslova, priznana v Republiki Sloveniji.

V univerzitetni študijski program se lahko vpiše, kdor je opravil maturo (zaključni izpit pred 1. 6. 1995), po letu 2001/2002 pa tudi poklicno maturo in dodatni izpit. Programi trajajo štiri do šest let in se praviloma končajo z diplomskim izpitom (zagovorom diplomske naloge). V diplomu, ki jo dobi študent po uspešno končanem študiju, se vpiše strokovni naslov z navedbo stroke. Diploma po končanem univerzitetnem študiju omogoča zaposlitev ali nadaljevanje podiplomskega študija.

V visokošolski strokovni študijski program se lahko vpiše, kdor je opravil maturo, poklicno maturo ali zaključni izpit po štiriletnem srednješolskem ali enakovrednem programu. Programi trajajo praviloma tri leta, izjemoma štiri. Končajo se z zagovorom diplomske naloge. V diplomu, ki jo dobi študent po uspešno končanem študiju, se vpiše strokovni naslov z navedbo stroke. Diploma po končanem strokovnem študiju omogoča zaposlitev ali nadaljevanje študija po specialističnih študijskih programih, lahko pa tudi v magistrskih.

Prehod med strokovnim in univerzitetnim študijem je pod določenimi pogoji mogoč v obe smeri.

V specialistični študijski program se lahko vpiše, kdor ima diplomu iz univerzitetnega ali visokošolskega strokovnega študija. Programi trajajo eno do dve leti. Po uspešno končanem študiju se pridobi strokovni naslov specialist oziroma specialistka z navedbo stroke.

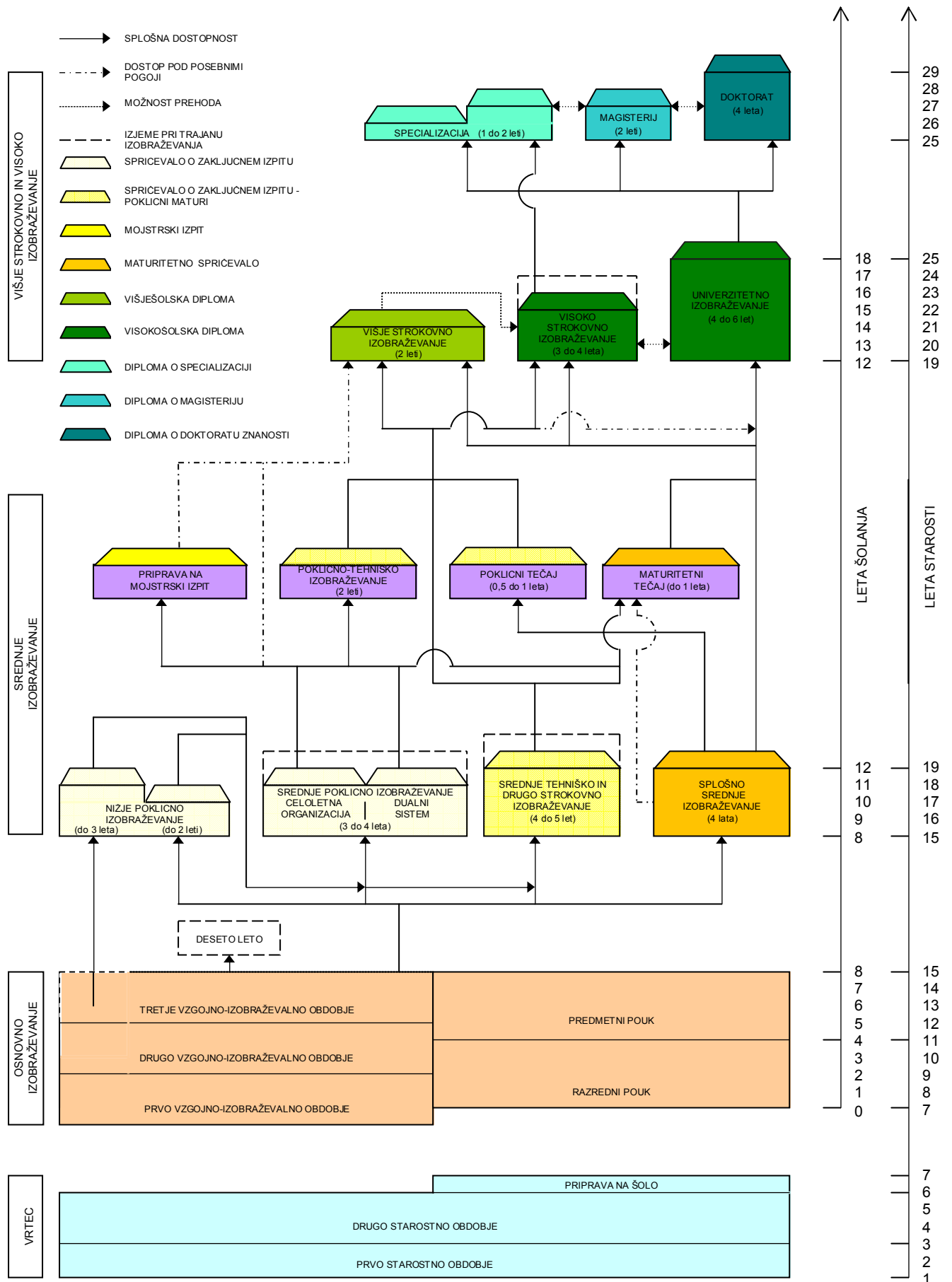
V magistrski študijski program se lahko vpiše, kdor ima diplomu iz univerzitetnega študija, lahko pa tudi, kdor je končal visokošolski strokovni študij. Programi trajajo dve leti in se končajo z zagovorom magistrske naloge. Po uspešno opravljenem zagovoru se pridobi znanstveni naslov magister znanosti oziroma magisterica znanosti ali magister umetnosti oziroma magisterica umetnosti.

V doktorski študij se lahko vpiše, kdor ima diplomu univerzitetnega študija ali kdor ima opravljen magisterij. Doktorski študij po univerzitetni diplomu traja štiri leta, po magisteriju pa dve leti. Diplomanti si pridobijo znanstveni naslov doktor oziroma doktorica znanosti.

Prehodnost med magistrskim in doktorskim študijem je mogoča. Študenti, ki so se vpisali najprej v dveletni magistrski študij, lahko nadaljujejo študij še nadaljnji dve leti in si pridobijo doktorat. Študenti, ki so se vpisali v štiriletni doktorski študij, lahko po dveh letih končajo študij z magisterijem.

Kreditni sistem študija (ECTS) se uvaja postopoma: pri podiplomskem študiju se je uveljavil na večini fakultet, tako da mora študent za dokončanje magistrskega študija zbrati 120 kreditnih točk (KT), za doktorski študij pa 240. Za dodiplomski študij je kreditni sistem za zdaj vpeljan le na posameznih visokošolskih zavodih.

ŠOLSKI SISTEM V REPUBLIKI SLOVENIJI – 2000



Republika Slovenija
UNIVERZA V MARIBORU

the diploma supplement

Janez Novak

Risk assessment - model of calculation of undesired events

Diploma serial number:
M00777



the diploma supplement

The Diploma Supplement has been issued on the basis of Article 32 of the Higher Education Act (Official Gazette RS 67/93, 22/94 - Constitutional Court Decision, 39/95 – Constitutional Court Decision, 18/98 – Constitutional Court Decision, 35/98 – Constitutional Court Decision, 99/99), taking into account the *Convention on the Recognition of Qualifications Concerning Higher Education in the European Region* (Official Gazette RS – International Treaties, 14/99) and the recommendations of the European Commission, Council of Europe and Unesco/Cepes. It comprises eight sections containing the following information:

1. Information identifying the holder of the qualification
2. Information identifying the qualification
3. Information on the level of the qualification
4. Information on the content and results gained
5. Information on the function of the qualification
6. Additional information
7. Certification of the supplement
8. Information on the system of higher education the Republic of Slovenia

The information contained within the supplement should not include any value judgements, equivalence statements or suggestions about recognition in other countries.

1 Information identifying the holder of the qualification

- | | | |
|------------|---------------------------------------|-----------------------------|
| 1.1 | Given name(s): | JANEZ |
| 1.2 | Family name(s): | NOVAK |
| 1.3 | Date and place of birth: | 17. 5. 1973, Maribor |
| 1.4 | Student identification number: | 78965423 |

2 Information identifying the qualification

2.1 Name of qualification and title conferred (in original language):

Name of qualification: diploma o magisteriju znanosti

Professional or scientific title: magister znanosti

2.2 Main field(s) of study for the qualification, study programme, options:

Main field of study: TECHNICAL SCIENCES

Study programme: Postgraduate Master's of Science Programme – ELECTRICAL ENGINEERING

The Study Programme was adopted at the 7th Session of the Senate of the Faculty of Electrical Engineering and Computer Science on 26.01.1996 and at the Higher Education Council of the RS on 30.05.1996, and it was completed by the new subjects at the 29th Session of the Senate of the Faculty of Electrical Engineering and Computer Science on 23.11.2001 and at the Higher Education Council of the RS on 15.03.2003.

2.3 Name of awarding institution (in original language):

Univerza v Mariboru
Fakulteta za elektrotehniko, računalništvo in informatiko
FERI
Smetanova 17
2000 Maribor

2.4 Legal status of institution: State institution

2.5 Language(s) of instruction: Slovenian

3 Information on the level of the qualification

3.1 Level of qualification: Master

3.2 Official length of programme: 2 YEARS

3.3 Admission requirement(s):

Candidates, who:

- have successfully finished one of the following under-graduate university study programmes: electrical engineering, computer and information science, physics, mathematics, economic engineering – option of electrical engineering with a final grade of at least 8 (very good) or if the candidates are included in research, which is proved by the published articles and lectures and if they have two years of vocational experience after graduation and
- master at least two world languages or one actively may enrol to the programme Electrical Engineering.

4 Information on the content and results gained

4.1 Mode of study: Part-Time

4.2 Main programme components and requirements:

Lectures: 375 hours
Number of Examinations: 7
Number of ECTS: 120

4.3 & 4.4 Programme details and grades obtained at end-of-term examinations and graduation examination:

No.	Examination	Year	Lectures (hours)	Exercises (hours)	Total (hours)	ECTS	Grade	Date
1	CHOSEN CHAPTERS OF PHYSICS	1	75	0	75	15	9	27.1.1999
2	CHOSEN CHAPTERS OF THEORETICAL ELECTRICAL ENGINEERING	1	75	0	75	15	10	4.3.1999
3	CHOSEN CHAPTERS OF SWITCH DEVICES	1	75	0	75	15	10	1.6.1999
4	METHODS OF FINAL AND MARGINAL ELEMENTS IN ELECTRICAL ENGINEERING	2	75	0	75	15	10/10	13.12.1999
5	ELECTRICAL ENERGETIC SYSTEMS	2	75	0	75	15	10	22.5.2001
6	REPORT IN INDIVIDUAL RESEARCH I	1	0	0	0	15	10	23.5.2001
7	REPORT ON INDIVIDUAL RESEARCH II (preparation and oral presentation of master thesis)	2	0	0	0	15	10	18.6.2001

Grade obtained with the diploma thesis: /

4.5 Grading scheme:

10	Excellent (outstanding achievement with minor, almost negligible defects)
9	Very good (above-average achievement with some defects)
8	Good (well performed work but with some material defects)
7	Satisfactory (satisfactory performance with some defects)
6	Pass (performance meets only the minimum criteria)
5	Fail (certain requirements remain to be met prior to the award of credit points)
1-4	Fail (in-depth and thorough further study is needed for meeting the requirements)

4.6 Grade point average: 9,9

5 Information on the function of the qualification

5.1 Admission to further study:

A master of science may continue his or her education at the scientific doctoral study programme.

5.2 Professional status:

A master of science is enabled for demanding employments in the academic sphere, at scientific research institutions, in economy and in non-economical sectors.

6 Additional information

6.1 Additional information

6.2 Further information sources:

University of Maribor
Faculty of Electrical Engineering and Computer Science
Smetanova 17
2000 Maribor
Tel.: +386 2 220 70 07
Fax: +386 2 220 70 24
e-mail: info@feri.uni-mb.si
Internet: www.feri.uni-mb.si

ENIC/NARIC National Information Centre
For Academic Recognition of Diplomas Ministry of Education, Science and Sports
Župančičeva 6
1000 Ljubljana
Slovenia
Tel.: +386 1 478 57 31, +386 1 478 53 90
Fax: +386 1 478 56 69
e-mail: anita.jesenko@mss.edus.si

7 Certification of the supplement

Date: 24. 11. 2000

Dean

Official stamp or seal:

8 Information on the higher education system in the Republic of Slovenia

In the Republic of Slovenia, higher education is regulated by the Higher Education Act. The original act entered into force on 1 Jan. 1994 and its amendments on 24 Dec. 1999. Studies are divided into undergraduate and post-graduate studies. Undergraduate studies consist of university and professional type of programmes. Faculties and academies offer both types of programmes, while professional colleges provide only professional courses of study. At the postgraduate level programmes lead to the following degrees: *specializacija*, *magisterij* and *doktorat znanosti*. After the completion of undergraduate studies, graduates obtain a *diploma* and the first degree title. After the completion of post-graduate studies, graduates obtain the second degree and the second degree title. Depending on the type of the programme, the title is either a professional title of a specialist or the academic title of either *magister znanosti/umetnosti* or *doktor znanosti*. Professional and academic titles are conferred in compliance with the Professional and Academic Titles Act (Ur. l. RS 47/98). In Slovenia, foreign professional and academic titles are recognised provided that the degree granting the title is recognised.

The admission requirement for undergraduate programmes of the university type is a matura examination (a final examination before 1 June 1995). After 2001/2002, a vocational matura examination (*poklicna matura*) and an additional examination will be an alternative requirement also granting admission to this type of programmes. Programmes last four to six years and, as a rule, end with the diploma examination (defence of a diploma thesis). The diploma conferred after a successful completion of studies specifies the professional title naming the field of study. A university diploma enables graduates to start work or continue their studies at the post-graduate level.

The admission requirement for undergraduate programmes of the professional type is either a matura, vocational matura or final examination after the completion of a four-year secondary education programme or its equivalent. Professional higher education programmes last in principle three, exceptionally four years. They end with the defence of a diploma thesis. The diploma conferred after a successful completion of studies specifies the professional title naming the field of study. Graduates can either enter the labour market or continue their studies in programmes leading to *specializacija* or even *magisterij*.

Transfers between professional and university type of programmes are possible in both directions provided that certain conditions are met.

The admission requirement for post-graduate programmes leading to *specializacija* is a degree obtained after the university or professional type of higher education programme. These programmes last one year. Having completed the studies, graduates obtain the professional title of a specialist or specialistka (female holders) naming the field of study.

The admission requirement for post-graduate programmes leading to *magisterij* is a degree obtained after the university or professional type of undergraduate programmes. These programmes last two years and end with the defence of a master's thesis (*magistrska naloga*). Having graduated by passing the defence, graduates obtain the academic title of a *magister znanosti* or *magistrica znanosti* (female holders) and *magister umetnosti* or *magistrica umetnosti* (female holders), respectively.

The admission requirement for post-graduate programmes leading to a *doktorat znanosti* is either a degree obtained upon the completion of the university type of undergraduate studies or a *magisterij* degree. Doctoral studies after a university degree last four, after a *magisterij* degree two years. Graduates obtain the academic title of *doktor* or *doktorica znanosti* (female holders).

Transfers between *magisterij* and doctoral studies are possible. Students that first enrolled in a two-year *magisterij* programme may continue their studies for two additional years and obtain a *doktorat znanosti*. Students that first enrolled in a four-year doctoral course of study may complete their studies after two years with a *magisterij* degree.

The credit transfer system (ECTS) is being gradually implemented. Most faculties have introduced it at the post-graduate level. Students must receive 120 credit points to complete their studies at the *magisterij* level and 240 credit points to obtain a *doktorat znanosti*. At the undergraduate level, however, the system has been implemented only by a certain number of faculties.

EDUCATION SYSTEM IN THE REPUBLIC OF SLOVENIA – 2000

