Education system

Iran

described and compared with the Dutch system
This document contains information on the education system of Iran. We explain the Dutch equivalent of the most common qualifications from Iran for the purpose of admission to Dutch higher education.

Disclaimer

We assemble the information for these descriptions of education systems with the greatest care. However, we cannot be held responsible for the consequences of errors or incomplete information in this document.

With the exception of images and illustrations, the content of this publication is subject to the Creative Commons Name NonCommercial 3.0 Unported licence. Visit www.nuffic.nl/en/home/copyright for more information on the reuse of this publication.
Evaluation chart

The left-hand column in the table below lists the most common foreign qualifications applicable to admission to higher education. The other columns show the Dutch equivalent along with the comparable levels in the Dutch and European qualifications frameworks.

<table>
<thead>
<tr>
<th>Degree or qualification</th>
<th>Dutch equivalent and NLQF level</th>
<th>EQF level</th>
</tr>
</thead>
<tbody>
<tr>
<td>Certificate of General Education</td>
<td>approximately 2 years of senior general secondary education (HAVO)</td>
<td>2 2</td>
</tr>
<tr>
<td>Certificate of Completion of Secondary School Studies (technical/vocational programme)</td>
<td>MBO diploma (qualification level 2 or 3)</td>
<td>2/3 2/3</td>
</tr>
<tr>
<td>Certificate of Completion of Secondary School Studies (academic programme) (until early 1990s)</td>
<td>HAVO diploma</td>
<td>4 4</td>
</tr>
<tr>
<td>Certificate of Completion of Secondary School Studies (theoretical programme) (since early 1990s)</td>
<td>approximately 4 years of senior general secondary education (HAVO)</td>
<td>4 4</td>
</tr>
<tr>
<td>Pre-University Certificate</td>
<td>HAVO diploma</td>
<td>4 4</td>
</tr>
<tr>
<td>Integrated Associate Degree/Associate Degree (kârdânî) (post-secondary institution)</td>
<td>at least MBO diploma (qualification level 4)</td>
<td>4 4</td>
</tr>
<tr>
<td>Associate Degree (kârdânî) (university)</td>
<td>Associate Degree or 2 years of HBO</td>
<td>5 5</td>
</tr>
<tr>
<td>Bachelor's degree (kârshenâsî)</td>
<td>HBO bachelor’s degree or 2 years of WO</td>
<td>6 6</td>
</tr>
<tr>
<td>Master’s degree (kârshenâsî-arshad napayvasteh)</td>
<td>1-year WO master’s degree</td>
<td>7 7</td>
</tr>
</tbody>
</table>

NB
- The information provided in the table is a general recommendation from which no rights may be derived.
- NLQF = Dutch Qualifications Framework. EQF = European Qualifications Framework.
- The EQF/NLQF level is not so much a reflection of study load or content; rather, it is an indication of a person’s knowledge and skills after having completed a certain programme of study.
• Information about Dutch equivalent qualifications can be found on our website: the Dutch education system.

• The Cooperation Organisation for Vocational Education, Training and the Labour Market (SBB), evaluates statements on foreign qualifications and training at VMBO and MBO level. The evaluation may vary if SBB evaluates the diploma for admission to VET schools or the labour market in the Netherlands.
**Introduction**

The Islamic Republic of Iran is a country in Western Asia, 47 times the size of the Netherlands with a population of more than 80 million. Its capital is Teheran.

Iran's population is made up of a varied mix of ethnic groups. The country was a constitutional monarchy until the 1979 Islamic Revolution, which resulted in the establishment of the Islamic Republic of Iran.

The education system is divided in 5 different levels: pre-school, elementary school, lower secondary education, higher secondary education and higher education. Higher education is provided by state universities and private institutions. The latter were first established in the 1960s. These educational institutions were taken over by the government during and after the revolution. The ban on private institutions was lifted in the late 1980s, mainly in an attempt to lighten the government's financial burden.

Under the Iranian system, different ministries are responsible for education. The Iranian Ministry of Education is responsible for basic and secondary education, including teacher-training programmes for the basic and lower secondary education. The Technical and Vocational Training Organisation (TVTO) is, under the supervision of the Ministry of Cooperatives, Labor and Social Welfare, responsible for vocational education. There are separate schools for boys and girls. About 85% of the people are literate. Entrance to post-secondary education is very competitive.

The Supreme Council of the Cultural Revolution is the highest authority in the area of policy and planning concerning higher education. The Ministry of Science, Research and Technology is responsible for all tertiary education. Medical education falls within the remit of the Ministry of Health, Treatment and Medical Education.

Most education is provided in Farsi (Persian).

The academic year is divided into 2 semesters and runs from September to June.

**Primary and secondary education**

The primary and secondary education system underwent a major change in the period between 1992 and 1994. The below section describes the situation prior to this change.
**Situation until early 1990s**

Primary education started at age 6 and lasted 5 years. It was free and compulsory. At the end of this 5-year period, pupils were required to take a national examination.

This was then followed by the nominal 3-year guidance cycle (doreh-ye râhnamâii) for 11 to 13-year-olds (sixth through eighth grade). The uniform curriculum was oriented towards general education. This period was designed to determine whether a pupil was suited for either academic or vocational education. The period would culminate in a regional exam, through which pupils could obtain the Certificate of General Education.

In terms of level, the Certificate of General Education is approximately comparable to 2 years of senior general secondary education (HAVO).

After having completed the guidance cycle, pupils could then transfer to general secondary education (sometimes referred to as the intermediate cycle). This type of education was non-mandatory and also not entirely free. The study programme lasted 4 years and comprised the ninth through twelfth grades for the 14 to 17 age group. The programme was divided into general/academic and vocational/technical education.

The academic programme consisted of 2 phases. The first phase lasted 3 years. All pupils in this phase would study the same curriculum. The final year comprised the second phase, in which pupils chose an area of specialisation in one of the following 4 fields of study: literature and art, natural sciences, physics and mathematics or social sciences and economics. The end of this phase culminated in a national examination, resulting in obtainment of the Certificate of Completion of Secondary School Studies.

In terms of level, the academic Certificate of Completion of Secondary School Studies is comparable to a HAVO diploma.

The vocational/technical programme basically prepared pupils for the labour market, but also gave access to education at post-secondary technical institutes. Pupils would complete a 2-year vocational training programme or 4-year technical training programme in the fields of technology, agriculture or services. Students to have completed the study programme would also obtain the Certificate of Completion of Secondary School Studies, with the specification Technical & Vocational Branch.
After having completed the study programme, pupils could enrol at a post-secondary technical institution for further study.

In terms of level, the technical or vocational Certificate of Completion of Secondary School Studies is comparable to an MBO diploma at qualification level 2 or 3, depending on the specialisation.

In order to be admitted to a higher education institution, pupils were required to take an entrance examination known as the Konkûr. This examination tested pupils’ knowledge of Persian language and literature, history, a foreign language and mathematics. The final results of the secondary school examination were also weighed in determining the result.

**Situation since the early 1990s**

The current education system was introduced at the start of the 1990s. Nationwide rollout, however, was carried out in phases. Under the current education system, primary education also lasts 5 years. The guidance cycle (doreh-ye rahnâmâi) also lasts 3 years (grades 6 through 8 for 11 through 13-year-olds). This phase is used to determine whether a pupil is suited for either academic or vocational education in the subsequent phase (secondary school).

Secondary school (dabîrestân) currently lasts 3 years. All students are required to obtain 96 credits. A substantial portion of the common courses are devoted to Islamic education, Persian and Arabic language and literature.

Secondary education is divided into a theoretical programme and a technical/vocational programme. Both programmes require students to obtain a total of 96 credits.

The theoretical programme allocates credits on the following basis: 63 credits for common courses with the remainder divided over the programme’s three main fields of study: mathematics/physics, experimental sciences, and literature and humanities.

The technical/vocational programme allocates approximately 60 credits to the common courses with the remainder divided over the various fields of study: technology, agriculture, vocational training or business studies.

Both the technical/vocational and theoretical programme culminate in the obtainment of the Certificate of Completion of Secondary School Studies.
Secondary education also provides the following two courses: the pre-university course (dowre-ye pîsh dâneshgâhî) and an integrated course resulting in obtainment of the Associate Degree (Kârdânî).

The pre-university course is a 1-year course after completion of secondary school studies, designed to prepare students for admission to a university. The course is a mandatory part of admission to any university. Students are required to obtain 32 credits, depending on their study programme. Yet admission to a university also requires the successful completion of a national entrance examination. Students enrolled in the technical/vocational programme are also entitled to take part in the pre-university course.

The integrated course resulting in obtainment of a technical/vocational Associate Degree is a 5-year study programme that integrates 3 years of technical/vocational secondary education with the 2-year Associate Degree. The objective of the programme is to train technicians for the industrial labour market.

The Associate Degree is not only obtainable after completion of the integrated course but can also be obtained after completion of 2-year study programmes offered at post-secondary technical institutes.

In terms of level, the theoretical Certificate of Completion of Secondary School Studies is comparable to approximately 4 years of senior general secondary education (HAVO).

In terms of level, the technical/vocational Certificate of Completion of Secondary School Studies is comparable to an MBO diploma at qualification level 2 or 3, depending on the specialisation.

In terms of level, the Pre-University Certificate is comparable to a HAVO diploma.

In terms of level, the integrated Associate Degree/Associate Degree obtained at a post-secondary institute is comparable to at least an MBO diploma at qualification level 4, in a similar specialisation.
Admission to higher education

In addition to the aforementioned pre-university course, admission to the university also requires successful completion of a national entrance examination. This national entrance examination, the konkûr, is administered in June. The examination consists of 2 tests: the first part tests general skills, while the second is related to a specific study programme.

Higher education

In Iran, higher education is provided at universities (dâneshgâh) and colleges/institutions. Iran has over 100 universities and higher education institutions. Some of these are private educational institutions. State-run institutions offer free education. The degrees awarded by private educational institutions are regarded as equal to those from public institutions and are officially recognized by the Ministry of Science, Research and Technology. The universities offer both university and vocationally oriented education. They apply a credit system. One credit represents 1 weekly hour of lectures or 2 hours of practical training for 1 semester (17 weeks).

University and higher professional education

The Iranian universities (with the exception of medical study programmes) were closed between 1980 and 1983 as a result of the Iran-Iraq war.

University students can study at various levels. The aforementioned Associate Degree (Kârdânî) can also be obtained at a university, after having obtained 68 to 72 credits within 2 academic years. Students can then generally transfer to the third year of a bachelor’s programme.

In terms of level, the Associate Degree obtained at a university (kârdânî) is comparable to an Associate Degree or 2 years of higher professional education (HBO) in a similar specialisation.

Bachelor’s programme (kârshenâsî/ lisâns)

Students can also take a bachelor’s programme (kârshenâsî/ lisâns). Most programmes have a nominal duration of 4 years. Technical study programmes generally last 5 years. A bachelor’s degree (kârshenâsî) is awarded to students who obtain 130 to 145 credits during the 4-year study programme.
Master's programme (karshenasi-arshad napayvasteh/fogh lisâns)
The master’s programme (karshenasi-arshad napayvasteh / fogh Lisâns) generally lasts 2 years. In order to be admitted to the programme, students are generally required to have a bachelor’s degree with good grades. Students must obtain 28 to 32 credits. The programme consists of both theoretical lessons and research and culminates in the writing of a final paper.

PhD
After having completed a master’s programme, students can enrol in the Doctorate programme in order to obtain a Doctor of Philosophy degree. This programme lasts 3 to 6 years and consists of both theoretical lessons and research activities. The admission requirements are a master’s degree with a minimum grade of ‘good’ and successful completion of an entrance examination. Students must first obtain a total of 60 credits, with a minimal final score of 14 on a scale of 20. Further students write a doctoral thesis and defend this before an advisory committee.
### Assessment systems

A grading system ranging from 0 to 20 is applied throughout the different levels of the Iranian education system. What is regarded as ‘satisfactory’ grade can however vary.

In elementary education a 7 is regarded as ‘satisfactory’, with the exception of Persian, in which students must obtain a minimum grade of 10. An overall average score of 10 is required in order to transfer to the next year.

In higher secondary education and in higher education up to the master level a 10 is regarded as ‘satisfactory’. Letter grades can also be awarded:

<table>
<thead>
<tr>
<th>Numerical grade</th>
<th>Letter grade</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>17-20</td>
<td>A</td>
<td>Excellent</td>
</tr>
<tr>
<td>14-16</td>
<td>B</td>
<td>Good</td>
</tr>
<tr>
<td>12-13</td>
<td>C</td>
<td>Fair</td>
</tr>
<tr>
<td>10-11</td>
<td>D</td>
<td>Pass</td>
</tr>
<tr>
<td>below 10</td>
<td>F</td>
<td>Fail</td>
</tr>
</tbody>
</table>

Master’s students must obtain a score of 12 in order to pass a subject and obtain a score of 14 in order to transfer to the next semester and graduate.

Within doctorate programmes a 14 is regarded as ‘satisfactory’.

### Quality assurance and accreditation

The Supreme Council of the Cultural Revolution is the highest authority in the area of higher education policy and planning.

The supervision of higher education institutions and the approval of the study programmes is conducted by the Ministry of Science, Research and Technology. Medical education falls within the remit of the Ministry of Health, Treatment and Medical Education. The Iranian Ministry of Education is responsible for ensuring the quality of primary and secondary education.

A list of recognised universities and institutes of higher education and private institutions is only available in Persian on the website of the Ministry of Science, Research and Technology.
### Composition of file

The file for secondary and higher education should contain a diploma as well as an overview of subjects/marks, both in Farsi, accompanied with a sworn translation. Higher education graduates are sometimes only issued a temporary certificate.

### List of higher education institutions

Iran has a large number of universities, higher education institutions and private institutions.

The [website](#) of the Iranian Ministry of Science, Research and Technology contains a list of the different types of recognised institutions. The list is only available in Persian.

### Useful links

- Website of the Iranian Ministry of Science, Research and Technology in [English](#) and in [Persian](#).
- Website of the [Zentralstelle für Ausländisches Bildungswesen (ZAB)](#) with an extensive overview of Iranian higher education institutions.
Certificate of Completion of Secondary School Studies - after 1992
Certificate of Completion of Secondary School Studies - after 1992 (translation)

Emblem
Islamic Republic of Iran
Ministry of Education

DIPLOMA OF HIGH SCHOOL GRADUATION
(Theoretical, Technical & Vocational)

Sealed Photo of Holder

By virtue of the Verdict approved by the 576th Session of High Council of Education dated Dec. 15, 1994,

Whereas;

Ms.

Daughter of Alireza, ID No. 100517, born in Tehran, Iran, a student of Hazrate Khadijah High School, student No. 18398, City of Tehran, District 6, Tehran Province, successfully completed the Secondary Education in the field of Mathematics & Physics by the end of Second Semester of 1996-98, and passed the final exams with a written average of 11.70 and total average of 14.30 (fourteen point three zero out of twenty), therefore, this certificate is awarded to her.

Discipline: Math 16.83
Reg. No. 18398
Reg. Date: July 6, 2001

Signed & Sealed:
Principal, Hazrate Khadijah High School
Chairman, Board of Examiner
Superintendent, Tehran Dept. of Education, District 6

Certified to be a true translation.
July 2003
Certificate of Completion of Secondary School Studies - until 1992
Certificate of Completion of Secondary School Studies - until 1992

IN THE NAME OF GOD
ISLAMIC REPUBLIC OF IRAN
MINISTRY OF EDUCATION

CERTIFICATE OF COMPLETION OF SECONDARY STUDIES

Field: Experimental Sci.
According to Article 30th of the Constitution law of the Islamic Republic of Iran, and by virtue of the Regulations of the secondary studies exams, and attestation of board of examiners, this is to certify that:

Ms. [Name], daughter of [Father's Name], was born on [Date], in Sanjabi, student of Shahid Mojtaba Jafari, High School, dist. 1, Bakhhtarani Province, has taken part in the final exams of Sept. 1984, and passed with a written average of 11.36, and a general average of 15.7, and graduated. His discipline grade is 19.66.

Reg. No.: [Reg. No.]
Dated: Feb. 23, 1986

Signed & Sealed: Principal
Chairman Board of Examiners
Chief of Education Office
Director of Education Dept.

True translation from Persian text certified.
Tehran, Nov. 1996
Pre-University Certificate

![Image of a pre-university certificate]

This certificate is an example of a pre-university certification in Iran. It typically includes personal information such as name, photographs, date of birth, and credentials like passing an examination or completing set requirements.
Pre-University Certificate - translation

To: Justice of the Islamic Republic of Iran
3rd Floor, No. 10, Tehran
Tel/Fax: 2633797
Email: iranshahr2002@yahoo.com

CERTIFICATE OF PRE-UNIVERSITY PROGRAM COMPLETION

Emblem
Islamic Republic of Iran
Ministry of Education

Doc. No. [Redacted]
Sealed Photo of Holder

By virtue of the Verdict issued at 629th Session of Executive Board of High Council of Education dated Dec. 31, 1999,

Whereas,

Ms. [Redacted]

Daughter of Alireza, ID No. [Redacted] from Tehran, Iran, born on [Redacted] in Tehran, a
student of Talegh Adult Pre-University Educational Center, Student Code [Redacted] in Tehran
District 6, Tehran Province, successfully completed the pre-university program in
Mathematics & Physics by the end of Second Semester of year 1389-2000, therefore, this
certificate is awarded to her.

Discipline Mark: [Redacted]
Reg. No. & Date: [Redacted]
July 10, 2001

Signed & Sealed:
Principal, Talegh Adult Pre-University Educational Center
Chairman, Board of Examiner
Superintendent, Tehran District 6 Dept. of Education

Certified to be a true translation.

July 2003
## Pre-University Certificate - overview of subjects

<table>
<thead>
<tr>
<th>Course</th>
<th>Code</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Zoroastrian History</td>
<td>1</td>
<td>17.76%</td>
</tr>
<tr>
<td>Persian Poetry</td>
<td>2</td>
<td>17.76%</td>
</tr>
<tr>
<td>Persian Language</td>
<td>3</td>
<td>17.76%</td>
</tr>
<tr>
<td>Mathematics/Astronomy</td>
<td>4</td>
<td>17.76%</td>
</tr>
<tr>
<td>Physics/Chemistry</td>
<td>5</td>
<td>17.76%</td>
</tr>
<tr>
<td>Geography/History</td>
<td>6</td>
<td>17.76%</td>
</tr>
<tr>
<td>Persian Literature</td>
<td>7</td>
<td>17.76%</td>
</tr>
<tr>
<td>English Literature</td>
<td>8</td>
<td>17.76%</td>
</tr>
<tr>
<td>English Language</td>
<td>9</td>
<td>17.76%</td>
</tr>
<tr>
<td>Computer Science</td>
<td>10</td>
<td>17.76%</td>
</tr>
<tr>
<td>Business Administration</td>
<td>11</td>
<td>17.76%</td>
</tr>
<tr>
<td>Accounting</td>
<td>12</td>
<td>17.76%</td>
</tr>
<tr>
<td>Economics</td>
<td>13</td>
<td>17.76%</td>
</tr>
<tr>
<td>Agricultural Engineering</td>
<td>14</td>
<td>17.76%</td>
</tr>
<tr>
<td>Agricultural Science</td>
<td>15</td>
<td>17.76%</td>
</tr>
<tr>
<td>Botany</td>
<td>16</td>
<td>17.76%</td>
</tr>
<tr>
<td>Zoology</td>
<td>17</td>
<td>17.76%</td>
</tr>
<tr>
<td>Ecology</td>
<td>18</td>
<td>17.76%</td>
</tr>
<tr>
<td>Geology</td>
<td>19</td>
<td>17.76%</td>
</tr>
<tr>
<td>Environmental Studies</td>
<td>20</td>
<td>17.76%</td>
</tr>
</tbody>
</table>

Total: 17.76%
## Pre-University Certificate - translation of subject overview

In the Name of God

Ministry of Education
Informatic Comprehensive System
Tehran Province Dept. General of Education

Summer Course: 1999-2000

Geated Photo of Holder

Surname: Alireza
Father: 90
ID No. Tehran
Place issued: 21, 1982
Birth Date: Tehran

<table>
<thead>
<tr>
<th>Code</th>
<th>Subject</th>
<th>Credit</th>
<th>Pass Grade</th>
<th>Sem. 1999-00</th>
<th>Sem. 1999-00</th>
</tr>
</thead>
<tbody>
<tr>
<td>1371</td>
<td>English Lang. I</td>
<td>2</td>
<td>14</td>
<td>14</td>
<td>13</td>
</tr>
<tr>
<td>1379</td>
<td>Physics I (Math.)</td>
<td>2</td>
<td>12</td>
<td>12</td>
<td>12</td>
</tr>
<tr>
<td>1401</td>
<td>Islamic Learning I</td>
<td>1</td>
<td>11</td>
<td>11</td>
<td>11</td>
</tr>
<tr>
<td>1403</td>
<td>Persian Lang. I</td>
<td>1</td>
<td>18.25</td>
<td>18.25</td>
<td>18.25</td>
</tr>
<tr>
<td>1435</td>
<td>Chemistry I</td>
<td>2</td>
<td>12.50</td>
<td>12.50</td>
<td>12.50</td>
</tr>
<tr>
<td>1457</td>
<td>Differential Calculus &amp; Integral</td>
<td>2</td>
<td>11.50</td>
<td>11.50</td>
<td>11.50</td>
</tr>
<tr>
<td>1458</td>
<td>Analytical Geometry &amp; Linear Algebra</td>
<td>2</td>
<td>11</td>
<td>11</td>
<td>11</td>
</tr>
<tr>
<td>1372</td>
<td>English Lang. II</td>
<td>2</td>
<td>12</td>
<td>12</td>
<td>12</td>
</tr>
<tr>
<td>1380</td>
<td>Physics II (Math.)</td>
<td>2</td>
<td>10.50</td>
<td>10.50</td>
<td>10.50</td>
</tr>
<tr>
<td>1404</td>
<td>Islamic Learning II</td>
<td>1</td>
<td>16.50</td>
<td>16.50</td>
<td>16.50</td>
</tr>
<tr>
<td>1408</td>
<td>Persian Lang. II</td>
<td>1</td>
<td>13.75</td>
<td>13.75</td>
<td>13.75</td>
</tr>
<tr>
<td>1419</td>
<td>Quran Reading</td>
<td>1</td>
<td>18.50</td>
<td>18.50</td>
<td>18.50</td>
</tr>
<tr>
<td>1440</td>
<td>Chemistry II</td>
<td>2</td>
<td>10</td>
<td>10</td>
<td>10</td>
</tr>
<tr>
<td>1459</td>
<td>Differential Calculus &amp; Integral</td>
<td>2</td>
<td>12</td>
<td>12</td>
<td>12</td>
</tr>
<tr>
<td>1460</td>
<td>Discrete Mathematics</td>
<td>2</td>
<td>12.75</td>
<td>12.75</td>
<td>12.75</td>
</tr>
</tbody>
</table>

It is certified that the said student passed 24 course credits of Pre-University Program in the field of Mathematical Sciences up to the Second Semester of 1999-2000.

Signed & Sealed:
Principal, Taleh Adult Pre-University Center

Certified to be a true translation.
July 2003
Associate Degree - university
associate degree - university (translation)

official translation from persian

in the name of god

emblem

islamic republic of iran

ministry of health & medical education

tehran university of medical sciences & health services

faculty of nursing & midwifery

diploma of completion of studies

by virtue of the provisions of article 6 of the law for establishment of ministry of health & medical education passed by the islamic consultative assembly on oct. 1, 1985, whereas

mr. , son of seyed abbas, holder of id. card no. 1090 issued in sari, born in successfully completed his studies in associate degree course in the field of nursing on may 12 this diploma with all the privileges appertaining thereunto is conferred upon him.

may god grace him with success in putting his learnings into practice, following the path of piety, seeking god's gratification and serving the people.

deep, faculty of nursing & midwifery: signed and sealed

dr. mohammad hossein bastanagh

president of tehran university of medical sciences: signed and sealed

original diploma was submitted under no. on dec. 4, 2000: signed and sealed

translation of this document and its confirmation by the ministry of foreign affairs are permissible.

department-general of internal students & graduates, ministry of health & medical education, islamic republic of iran: signed and sealed

true translation certified, tehran, feb. 3, 2002, k. code: signed and sealed
Bachelor
**Bachelor - translation**

In the name of God

Official translation from Persian

---------------------------------

Void if altered

---------------------------------

Islamic Republic of Iran
Ministry of Science, Research and Technology
Gilan University

Number: 4-74
Date: 3 February 2003
Photo of subject affixed and sealed.

By virtue of the resolution of the 99th meeting of the council for expansion of higher education on 1 February 1975, whereas:

Ms.

Daughter of Hassan, holder of ID card number *** issued in Gonbad Kavoos, born in *** has successfully completed the bachelor degree (evening) course of the faculty of basic sciences on 15 September 2002, this Bachelor Degree in Pure Chemistry is conferred on her.

Wish her success in combining knowledge with action, awe with piety and in securing the satisfaction of God and serving the people.

Dean of the Faculty, signed and sealed.
Chancellor of the University, signed and sealed

Signatures and seals of the authorities of the university are certified, director general for internal students, Ministry of Science, Research and Technology, signed and sealed.

---------------------------------

Certified true translation
Tehran, 6 March 2003
### Bachelor - overview of subjects

<table>
<thead>
<tr>
<th>Degree</th>
<th>Overview of Subjects</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bachelor</td>
<td>Detailed overview of subjects including topics and credits.</td>
</tr>
</tbody>
</table>

#### Bachelor - Overview of Subjects

**Bachelor Program Overview**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>101</td>
<td>Core Mathematics</td>
<td>3</td>
</tr>
<tr>
<td>202</td>
<td>Advanced Physics</td>
<td>4</td>
</tr>
<tr>
<td>303</td>
<td>Linguistics</td>
<td>2</td>
</tr>
<tr>
<td>404</td>
<td>Cultural Studies</td>
<td>3</td>
</tr>
<tr>
<td>505</td>
<td>Ethics and Philosophy</td>
<td>3</td>
</tr>
</tbody>
</table>

**Bachelor Program Details**

- **Course Code**: Unique identifier for each subject.
- **Course Title**: Subject name.
- **Credits**: Number of credits assigned to the subject.

**Notes**

- The above overview provides a general idea of the subjects covered in the Bachelor program.
- For a complete list and detailed information, please refer to the program handbook.

---

**Bachelor Program Guidelines**

- **Entry Requirements**: Applicants must have completed a relevant secondary education program with high grades.
- **Duration**: Standard duration is 4 years, with an optional internship program for students interested in practical experience.
- **Curriculum**: Designed to provide a comprehensive education in the subject area.
- **Examinations**: Regular exams are conducted throughout the academic year to assess students' understanding and progress.

---

**Bachelor Program Outcomes**

- Graduates will possess strong analytical skills and be well-prepared for careers in their chosen fields.
- The program aims to develop critical thinking, problem-solving, and communication skills.

---

**Bachelor Program Assessment**

- Assessment methods include exams, assignments, and projects, designed to evaluate students' understanding and application of course material.

---

**Bachelor Program Support**

- Access to academic and career counseling services.
- Opportunities for participation in research projects and conferences.

---

For more detailed information, please contact the program coordinators or visit the university's official website.
Master
Master - translation

Emblem
Islamic Republic of Iran
Ministry of Culture & Higher Education

Iran University of Science & Technology

Photo of the holder affixed and sealed.

No.: [redacted]
Date: Nov. 29, 1999

By virtue of Charters approved by Universities Central Council,

Whereas;

Ms. [redacted]

daughter of Naser Choli, holder of Identity Certificate No. 26 issued in Abadan, born in
successively completed curriculum of Faculty of Chemical Engineering in July 1999, therefore the
Diploma of Master's Degree in the field of "Chemistry, Inorganic Chemistry" is conferred upon
her.

May God grace her with success in putting her learnings into practice, following the path of piety,
seeking God's gratification and serving the people.

Dean of Faculty
Signed.

President of University
Signed and sealed.

In the Name of God
Seal and signature of University Officials are confirmed.
Fir: Gholamreza Zarifian
Director-General of Internal Students Affairs,
Ministry of Culture & Higher Education, Islamic Republic of Iran: Signed and sealed.

The authenticity of the seal and signature of the official translator named is certified without any
consideration to the contents.

Tehran, Apr. 19, 2000
[stamp]

[signature]
### Master - overview of subjects

<table>
<thead>
<tr>
<th>Code</th>
<th>Subject</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Farsi</td>
<td>147</td>
</tr>
<tr>
<td>2</td>
<td>English</td>
<td>147</td>
</tr>
<tr>
<td>3</td>
<td>Mathematics</td>
<td>147</td>
</tr>
<tr>
<td>4</td>
<td>Physics</td>
<td>147</td>
</tr>
<tr>
<td>5</td>
<td>Chemistry</td>
<td>147</td>
</tr>
<tr>
<td>6</td>
<td>Biology</td>
<td>147</td>
</tr>
<tr>
<td>7</td>
<td>Computer Science</td>
<td>147</td>
</tr>
<tr>
<td>8</td>
<td>Economics</td>
<td>147</td>
</tr>
<tr>
<td>9</td>
<td>Management</td>
<td>147</td>
</tr>
</tbody>
</table>

Total units: 147
# Master - translation of overview of subjects

In the Name of God

Iran University of Science & Technology
University Complementary Studies

Transcript of Master's Degree Academic Records

Name & Surname: Ms. 
ID Cad No. 26 issued in Abadan, born in 1978, student No. 75701209, field of Study: Chemistry, Branch: Inorganic Chemistry

No.: 733
Date: Dec. 29, 1999
Date of Graduation: July 19, 1998

<table>
<thead>
<tr>
<th>Course Title</th>
<th>Credit</th>
<th>Grade</th>
<th>Grade Point</th>
</tr>
</thead>
<tbody>
<tr>
<td>Advanced Physical Chemistry</td>
<td>3</td>
<td>14</td>
<td>42</td>
</tr>
<tr>
<td>Advanced Inorganic Chemistry</td>
<td>3</td>
<td>16.6</td>
<td>48.8</td>
</tr>
<tr>
<td>Spectroscopy in Inorganic Chemistry</td>
<td>3</td>
<td>18.5</td>
<td>55.5</td>
</tr>
<tr>
<td>Advanced Organic Chemistry</td>
<td>3</td>
<td>17</td>
<td>51</td>
</tr>
<tr>
<td>Inorganic Physical Chemistry</td>
<td>3</td>
<td>18.25</td>
<td>54.75</td>
</tr>
<tr>
<td>Corrosion of Metals</td>
<td>3</td>
<td>18.5</td>
<td>55.5</td>
</tr>
<tr>
<td>Crystallography</td>
<td>3</td>
<td>18.75</td>
<td>56.25</td>
</tr>
<tr>
<td>Lecture</td>
<td>1</td>
<td>13.1</td>
<td>13.1</td>
</tr>
<tr>
<td>M. Sc. Thesis</td>
<td>8</td>
<td>13</td>
<td>144</td>
</tr>
</tbody>
</table>

Thesis Title: Reactivity of Glycine and Asparagine with Mn(II)Porphyrin

Total Credits: 30
Total Grade Points: 526.9
General Average: 17.56-

This transcript of academic records has been issued without erasure.

Ahmad Ghotami
Educational Deputy of the University; Signed and sealed.

In the Name of God
Seal and signature of University Officials are confirmed.
For: Gholamreza Zarifian
Director-General of Internal Students Affairs,
Ministry of Culture & Higher Education, Islamic Republic of Iran; Signed and sealed.

True translation certified, Tehran, Apr. 22,2000 /mani.riz/