

Applicant: Narges Fatemiyan (38844734)

Program: Ph.D. in Genome Science and Technology (VGDPHD-LE)

Entry period: September 2024

Application comments:

No comments available

Order of content:

Application form
Resume
Statement of Interest/Intent
Transcripts & Diplomas – Unofficial
eReference (eRef) Responses
Reference Letter

FATEMIYAN, NARGES ()

38844734

Degree Selection

Submission Date: 01/Dec/2023

Campus	Program (VGDPHD-LE)	Academic Year	Term	Term Start
Vancouver	Ph.D. in Genome Science and Technology	2024-2025	W1	Sep 2024

Source of Interest

How did you find out about UBC?
Web Search

Personal and Contact Details

Student Number	Family Name (Surname)		Preferred Name
38844734	FATEMIYAN		
Title	Given Name	Middle Name	Former Family Name (Surname)
MISS	NARGES		

Date of Birth	Gender	Country of Birth	Country of Current Citizenship
13/May/1995	Female	Iran	Iran
Dual Citizenship	Primary Spoken Language	Other Spoken Language	Visa Type
	Persian		International Student

Address Line (1 & 2)			
#902-2201 RUE LEGER			
City	Province, State or Region	Postal or Zip Code	Country
MONTREAL	QC	H8N0H9	Canada

Day Telephone Number	Evening Telephone Number	Email Address
2046980371		fatemeh.gheibi1979@gmail.com

Do you identify yourself as an Aboriginal person of Canada?
Do you identify yourself as a Racialized person?
Yes

Academic History

- Applicant indicates that they have only attended post-secondary institution(s) other than UBC.

University of Manitoba

Institution Country:	Canada
Start Date:	01/Sep/2019
End Date (or Expected End):	28/Feb/2021
Program of Study:	Biological Sciences
Credential Status	Conferred / Complete
Date Conferred:	28/Feb/2021
Credential Received:	Master's
Awards & Honours received with this degree:	1. NSERC Discovery Grant in The Amount of \$34,000 for The Duration of MSc Study 2. University of Manitoba Faculty of Science International Graduate Student Entrance Scholarship (IGSES)
Required to withdraw:	No
Self Reported GPA:	
Used for Basis of Admission to UBC:	

Azad University of Iran-Zarqan Branch

Institution Country:	Iran
Start Date:	01/Sep/2013
End Date (or Expected End):	31/Jan/2017
Program of Study:	Cell & Molecular Biology-Genetics
Credential Status	Conferred / Complete
Date Conferred:	31/Jan/2017
Credential Received:	Bachelor's
Awards & Honours received with this degree:	1. Selected as the top student over 100 students at the first year of BSc study 2. Selected as a member of Young Researchers and Elite Club based on GPA and academic performance
Required to withdraw:	No
Self Reported GPA:	
Used for Basis of Admission to UBC:	

- No **UBC** academic history found for this student number (38844734)

Official Test Scores

IELTS

Candidate ID	Candidate no	TRF number
BLANKI40253094 BLANK	014250	BLANK17IR014250FATN1
Date		
06/Jan/2018		

Type	Score
LISTENING	5.5
READING	5.5
SPEAKING	6
WRITING	5.5

IELTS

Candidate ID	Candidate no	TRF number
I40253094	014250	17IR014250FATN120A
Date		
06/Jan/2018		

Type	Score
LISTENING	5.5
READING	5.5
SPEAKING	6
WRITING	5.5

Funding

Standard Questions

Primary Funding

SOURCE of the support	
DOLLAR amount	
Includes TUITION fees?	
WHEN the support will commence	
WHEN the support will end	

SOURCE of the support	I will find a research supervisor who can support me during my PhD at UBC
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Please indicate the SOURCE(S) of any awards, scholarships, sponsorships or fellowships for which you have applied or will apply.	I would like to be considered for GSAT rotation scholarship or other available scholarships at UBC
Please indicate the Canadian Dollar amount PER YEAR of support applied for.	
Please indicate the NUMBER OF YEARS of study this support would cover.	
If you do not receive this financial support, will you be able to attend.	Likely
How do you plan to fund your studies?	I will find a research supervisor who can support me during my PhD at UBC

Experience & Interests

Standard Questions

Areas of Interest

Faculty Members

Wasserman, Wyeth
Pavlidis, Paul
Dennis, Jessica
Lange, Philipp
Marra, Marco
Schiebinger, Geoffrey
Goldowitz, Daniel
Gsponer, Joerg Anton
Haynes, Charles
Holt, Robert A

Please provide a brief statement of your academic and/or professional goals and how these align with this graduate program.

Please describe any research and/or work experience (including publications, etc.) you've undertaken that is relevant to your proposed field of study.

List of Relevant PUBLICATIONS (2022 - 2023)

1. Sharma P, Sattarifard H, Fatemiyan N, Lakowski TM, Davie JR. Bioinformatic Analyses of Broad H3K79me2 Domains in Different Leukemia Cell Line Data Sets. Cells. 2022 Sep 10;11(18):2830. doi: 10.3390/cells11182830. PMID: 36139405; PMCID: PMC9496709.
2. Fatemiyan N, Davie JR. Broad histone H4 monomethylation marks expressed genes involved in translation. Genome. 2023 Aug 1;66(8):224-234. doi: 10.1139/gen-2023-0011. Epub 2023 May 8. PMID: 37156012.

Bioinformatics skills

- Analyses of ChIP-seq, ATAC-seq, and RNA-seq data using Partek Flow
- R programming language
- UCSC genome browser
- ImageJ
- BLAST search
- Designing primers

Wet lab Skills:

Molecular techniques

RNA and DNA extraction

2D & 3D cell culture

Fixation, staining & imaging (neuronal cells)

Epigenetic assays (ChIP-seq, ATAC-seq)

Histology techniques

Please refer to my CV for detailed information.

Program-Specific Questions

Briefly discuss your background in life sciences, including academic, work or other experiences that may assist the admissions committee. Please limit your response to one

Dear selection committee, I was awarded my Master's degree in 2021, in the field of Biological Sciences at the University of Manitoba. Then I worked as research technician

<p>page.</p>	<p>after my graduation at one of the Epigenetics labs at the University of Manitoba. Also, I am currently working as Research Assistant at the Neuro Institute, Montreal, in the field of neuroscience. My work and academic experience include Bioinformatics skills • Analyses of ChIP-seq, ATAC-seq, and RNA-seq data using Partek Flow • R programming language • UCSC genome browser • ImageJ • BLAST search • Designing primers Wet lab Skills: Molecular techniques RNA and DNA extraction 2D & 3D cell culture Fixation, staining & imaging (neuronal cells) Epigenetic assays (ChIP-seq, ATAC-seq) Histology techniques I had the chance to publish two papers as well related to analyzing ChIP-seq and ATAC-seq data using Partek Flow. (Please refer to my CV for more information about my background)</p>
<p>Briefly discuss your background in quantitative sciences (math, statistics, computer science, engineering, physics) including academic, work or other experiences that may assist the admissions committee. Please limit your response to one page.</p>	<p>During my Bachelors degree i was able to take some courses including mathematics, Physics, Bioinformatics and Biophysics. I passed these courses with a great GPA. (Please refer to my Bachelors transcript) During my MSc degree at university of Manitoba, Canada, I attended some workshops related to R programing language and practiced writing codes to analyze biological data. During my masters thesis, I was able to find a novel statistical approach to find reference range in filamentous fungi as one of my greatest achievements I also used other genomic tools such as Partek Felow and UCSC genome browser to analyze epigenomic data and I published 2 papers related to that.(Please refer to my CV)</p>

Additional Questions

Standard Questions

<p>Please discuss any other information you feel would be important to the Admission Committee in evaluating your application. If you feel that your credentials and any other information you have already provided on this form or will be submitting in support of your application represents you fairly, you should feel no obligation to write anything further here.</p>	<p>Dear Admission Committee,</p> <p>Thanks for the time you spent on evaluating my application. Just I need to clarify that while I do not have permanent residency of Canada right now, I have applied for my PR a couple of months ago and I will be receiving that soon. Also, currently I am living in Montreal, Quebec and working here on the basis of my open work permit which is valid till April 2025 so right now I am a temporary resident of Canada.</p> <p>In addition, since I have been living and studying in Canada since 2019 and I have gotten my masters degree from University of Manitoba, I did not upload any IELTS certificate while I was applying since I lived more that 2 years in an English language speaking country (Canada) and studied here.</p> <p>During my Bachelors degree I also passed some courses related to mathematics, physics, biophysics, biotechnology and bioinformatics that you could find them attached to this application.</p> <p>During my Masters, also the project I was working mostly was about finding a statistical approach to find the reference range in filamentous fungi for the first time.</p> <p>I have also, attended some R language programing workshops during my masters and I am familiar with using R. Also, I have experience of analyzing ChIP-seq, ATAC-seq, and RNA-seq data using Partek Flow. And I used other genomic tools such as: BLAST and UCSC genome browser as well.</p> <p>After my master graduation, I worked in the field of neuroscience and epigenetics (about 2 years) as well.</p> <p>I appreciate the time you spent on reviewing my application and I am looking forward to hearing from you!</p> <p>Sincerely, Narges</p>
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Referee 1

Name	Steven Harris
Job Title / Occupation	Department Chair
Institution / Company / Organization	IOWA STATE UNIVERSITY
Type of Reference	Academic
Address	DEPARTMENT OF PLANT PATHOLOGY, ENTOMOLOGY AND MICROBIOLOGY, 1344C ATRB 2213 PAMMEL AMESAMES LOWA United States of America IA 50011
Referee Email / Website	stevenh1@iastate.edu https://www.ppem.iastate.edu/people/steven-harris
Telephone #	515-294-2149
Notes to Referees	

Referee 2

Name	Jeffrey Marcus
Job Title / Occupation	Professor
Institution / Company / Organization	UNIVERSITY OF MANITOBA
Type of Reference	Academic
Address	DEPARTMENT OF BIOLOGICAL SCIENCES UNIVERSITY OF MANITOBAWINNIPEG MANITOBA Canada
Referee Email / Website	jeffrey.marcus@umanitoba.ca
Telephone #	(204) 474-9741
Notes to Referees	

Referee 3

Name	Jillian Detwiler
Job Title / Occupation	Associate Professor
Institution / Company / Organization	UNIVERSITY OF MANITOBA
Type of Reference	Academic
Address	DEPARTMENT OF BIOLOGICAL SCIENCES UNIVERSITY OF MANITOBAWINNIPEG MANITOBA Canada R3T 2N2
Referee Email / Website	Jillian.Detwiler@umanitoba.ca https://detwilerlab.weebly.com/contact.html
Telephone #	204-474-8689
Notes to Referees	

Narges Fatemiyan

2201 Rue Leger, Montreal, Quebec, H8N0H9 • 2046980371 • narges.fatemiyan@gmail.com

Research Interest

I am looking for PhD position in the field of Genome Science and Technology at UBC. My main interest lies at the intersection of computational biology/machine learning and neuroscience or epigenetics field, with a focus on genomics.

EDUCATION

M.Sc., Biological Sciences

Total GPA: 3.75 out of 4

2019 – 2021

University of Manitoba, Winnipeg, Canada

B.Sc., Cell & Molecular Biology-Genetics

2013 – 2017

Total GPA: 17.49 out of 20 (equivalent of 4/4)

GPA in the last 2 years: 18.53 out of 20 (equivalent of 4/4)

Azad University of Shiraz, Iran

DISSERTATION TOPIC

University of Manitoba, Winnipeg, Canada

2019 - 2021

- **M.Sc. thesis title:** Identifying Fundamental Mechanisms Underlying Apical Branching Morphogenesis in a Model Fungus *Aspergillus nidulans*
- **Supervisor:** Dr. Steven Harris
- **Objectives of the thesis:**
 - Identification of protein kinases that potentially regulate apical branching morphogenesis in *Aspergillus nidulans*.
 - Identification of protein kinases that potentially regulate apical branching morphogenesis in *Aspergillus nidulans* following an environmental shift
- **Specific aim:** Identifying the most potential protein kinases regulating apical branching in *Aspergillus nidulans*
- **Main findings:**
 - Protein Kinases are involved in regulation of branching morphogenesis in filamentous fungi
 - This study suggests that pkaA and mpkA kinases play fundamental role in regulation of apical branching in *Aspergillus nidulans*.

Bioinformatics skills

- Analyses of ChIP-seq, ATAC-seq, and RNA-seq data using Partek Flow
- R programming language
- UCSC genome browser
- ImageJ
- BLAST search
- Designing primers

HONORS, AWARDS & GRANTSUniversity of Manitoba, Winnipeg, Canada

2019 - 2021

- **NSERC Discovery Grant** in the amount of \$34,000 for the duration of **MSc Study**
- University of Manitoba Faculty of Science International Graduate Student Entrance **Scholarship (IGSES)**

Azad University of Shiraz, Iran

2013 -2017

- Selected as the top student over 100 students at the first year of BSc study
- Selected as a member of Young Researchers and Elite Club based on GPA and academic performance

PUBLICATIONS

1. Sharma P, Sattarifard H, Fatemiyan N, Lakowski TM, Davie JR. **Bioinformatic Analyses of Broad H3K79me2 Domains in Different Leukemia Cell Line Data Sets**. Cells. 2022 Sep 10;11(18):2830. doi: 10.3390/cells11182830. PMID: 36139405; PMCID: PMC9496709.
2. Fatemiyan N, Davie JR. **Broad histone H4 monomethylation marks expressed genes involved in translation**. Genome. 2023 Aug 1;66(8):224-234. doi: 10.1139/gen-2023-0011. Epub 2023 May 8. PMID: 37156012.

PROFESSIONAL EXPERIENCE**Research Assistant**

Nov 2022 – Present

Neuro Institute (Early Drug Discovery Unit) & Douglas Bell Canada Brain Bank, Montreal, Canada**Lab Skills:**

- **Nuclei isolation from human brain tissues (Patients' samples)**
- **2D & 3D iPSC culture** and generating mature motor neuron
- **Immunofluorescence (IF) to characterize neuronal cells (Staining and imaging)**
- **Fixation, staining & imaging (neuronal cells)**
- **Organoid culture**
- **Proficient in Cryostat technique**
- **Nuclei Library prep, capturing and DNA hybridization**
- **Counting and imaging isolated nuclei samples**
- **DNA extraction from Buffy coat and Paxgene samples received from UHN (University Health Network) (Patients' samples)**
- Receive and collect the **blood samples**
- **RNA extraction** from LeukoLOCK samples and neuronal cells
- **Measuring DNA concentration using Nanodrop**
- **Preparing excel sheets and organizing data for the samples processed**
- **Support** student projects by **running wet lab experiments**
- **Support** on-going wet lab work for **collaborative projects**
- **Attend lab meetings**
- **Working with PhD students to maintain lab requirements**

Key Responsibilities:

- Writing different Standard Operational Protocols (**SOPs**) and **lab manuals**
- Ensured that all **samples** are properly **labeled and identified** before testing
- **Organizing and recording lab inventory**
- **Ordering new** lab supplies using **EPIC** system
- Making different **buffers and stock solutions**
- Independently **operate all fully, semi automation machines and new equipment (GelDoc, spectrophotometers, PH meter, centrifuge, nano-drop, Quant-studio PCR apparatus)**
- **Training new employee** based on the guidelines

Lab Skills:

- **Molecular techniques:** DNA extraction, PCR, RT-qPCR, SDS-PAGE electrophoresis, Western blotting, acetic Acid-Urea-Triton X-100 gel electrophoresis (**AUT**), agarose gel electrophoresis
- **Histone extraction**
- **Used Nanodrop, Qubit and other nucleic acid quantification assays Nucleic acid quantification by spectrophotometry and fluorimetry**
- Chromatin immunoprecipitation assay (**ChIP assay**) PCR
- Performing **ChIP-Seq, ATAC-seq**
- **Immunoblotting assay**
- Protein quantification assays (**BCA and Bradford assays**)
- **Mammalian cell culture** techniques (cell lines: K562 & Kasumi)
- **Experience with PCR reaction set up and purification**
- **Live mammalian cell handling, including accurate cell counting and dilution**
- Participated in daily experiments **independently and troubleshooting the problems.**
- Maintained **accurate and up to date records**, including lab notebook
- **Assisted the post-doctoral and doctoral fellows** in different aspects of their experiments.
- **Primer design and amplicon sequencing**
- **Cell fractionation and nuclei isolation**
- **Co-immunoprecipitation assays**
- **Immunohistochemistry tests:** Prepared chemical buffers, **staining techniques**

Research Assistant

2019 – 2021

University of Manitoba, Winnipeg, Canada**Lab Skills:**

- Performed **fungal culturing techniques** (sterile techniques, preparing media & serial dilution)
- Performed quantitative assays by both EVOS M7000 (fluorescent), light and dissecting microscopes
- **Cell imaging and analyzing the images by imagej**
- **Completed the assigned project within given time frame**
- **Major achievement:** Developed a novel statistical approach for finding reference interval in fungal population for the first time
- **Maintained accurate and up to date records, including lab notebook**
- **Work under pressure** (tight deadlines) and flexible hours and use good judgment in assessing difficult situations
- Performed **microscopy imaging and cell image** processing using **imageJ**

VOLUNTEER EXPERIENCESNeuro EDDU, Montreal

2023

- Collaborating on testing different electronic lab notebooks

Shiraz, Iran

2010 - 2018

- Taught piano to children
- High school library assistant
- High school math tutor

CONFERENCES, SEMINARS AND WORKSHOPS ATTENDED

1. Manitoba Neuroscience Network (**MNN**)
2. Cambridge Cancer Epigenetics Club seminar (**CCEC**)
3. University of North Dakota Epigenetics & Epigenetics Symposium 2022

TRAINING

1. **R Programming** language workshops
2. **Partek Flow**
3. Training in use of QuantStudio 3 Real-Time PCR System
4. WHMIS, biohazard

Language**English:** Proficient**Persian:** Native**References**

- Are available upon request

Statement of Intent

As someone who is always passionate about science, I passed my Bachelor's degree successfully in the field of Cell & Molecular Biology-Genetics in 2017 with the highest GPA (**17.49/20 equivalent of 4/4**). To progress more in this field and to fulfill my goal which was getting admission from a Canadian university, I tried hard and finally in 2019 I was succeed to not only secure a research supervisor who funded me during my M.Sc study in the field of Biological Sciences at the University of Manitoba, I also was awarded **International Graduate Student Entrance Scholarship (IGSES)**.

After starting my M.Sc degree, while at first I faced with different challenges such as culture shock, language barrier and specifically Covid-19 (started from January 2020), I never disappointed. In the first term of my study because of the challenges, I had weak academic performance. For example, I passed one of my courses named "Core skills in Biological Sciences Research" with grade B. But, I did not let myself to be disappointed and with the tremendous perseverance that I showed, I could get A plus at the other course that I had named as "Molecular Biology of Eukaryotes" leading to increase my total GPA (**3.74 out of 4**) during my Master's degree.

Also, due to Covid-19 and university shut down, people were restricted to go to the lab and do their research. Due to this reason my project was delayed for a couple of months. However, I was not only be able to defend my MSc degree on time, I also was able to find a novel statistical approach for finding reference range in filamentous fungi during my master's degree. So that was one of my greatest achievements during my master's degree.

Finding this novel statistical approach was a turning point for me which let me to discover what I am really interested in. I found that I am more interested to study about the quantitative science including bioinformatics/computational biology and machine learning in the field of epigenetics and neuroscience with a focus on genomics, so that I can find novel genes and predict novel genetic diseases. So, I decided to pursue my PhD at this field in the near future.

To be prepared for this goal, I attended some R programing workshops and tried to write codes in R space to make a plot and other stuff. I also used Partek Flow as a genomic tool, to analyze epigenetic data and I was succeed to publish two papers regarding to my analysis (Please refer to my CV in Publication section). In addition, I tried to obtain Canadian work experience related to my profession, to increase my experience. I worked as Epigenetic research technician and Research assistant in Winnipeg (university of Manitoba) and in Montreal (Douglas hospital and NeuroEDDU) respectively in the field of Neuroscience.

I decided to study in the field of Genome Science and Technology to be able to work as scientist using computational biology and machine learning to discover and predict novel genes leading to neurological disorders. To fulfill this goal I would like to have an opportunity to pursue my PhD at the University of British Columbia as one of the best universities not only in Canada but also in the world, giving me the chance to access the state of the art facilities as well as second to none professors. Due to my academic performance, I would also like to be considered for **GSAT rotation scholarship at UBC**.

I appreciate your time and I am looking forward to be admitted at UBC for Fall 2024.

Yours Sincerely,

Narges Fatemiyan



صفیه سیار

مترجم رسمی زبان انگلیسی، شماره پروانه ۹۴۵
عضو جامعه مترجمان رسمی
شیراز: مشیر فاطمی، ابتدای خیابان معدل، ساختمان ۱۱۰
تلفن: ۳۲۳۵۹۱۹۷

Safieh Sayyar

Certified English Translator to the Judiciary of I.R.Iran

License No.: 945

Address: Bldg. 110, Moaddel St., Moshirfatemi Ave., Shiraz, Fars, Iran

Tel: +98-71-32359197

Email: Safieh_sayyar@yahoo.com

توجه

اعتبار اسناد پلمب شده منوط به موارد زیر است:

- تصدیق کپی های پیوست ترجمه با مهر و امضای مترجم رسمی
- عدم حک و اصلاح ترجمه
- مخدوش نبودن پلمب

ATTENTION

The validity of the sealed documents shall be subject to:

- Certification of the attached copies by the seal and signature of the translator
- No alteration in translation
- Intactness of the seal

شماره: ۵۳۱۰۰۹ سری: ۵

دفتر ثبت



جمهوری اسلامی ایران
قوه قضائیه - اداره مترجمین رسمی

صفیه سیار
مترجم رسمی زبان انگلیسی - شماره پروانه: ۹۴۵
عضو جامعه مترجمان رسمی ایران - شماره پروانه: ۹۴۵
شیراز - دفتر قضاوتی - ابتدای خیابان محله سالکستان ۱۱۰ - تلفن ۰۷۱-۳۳۳۰۹۱۱۷
Safieh Sayyar, Certified English Translator, License No.: 945
Add: Bldg 110, Moaddel St., Moshirfatemil Ave.,
Shiraz, Fars, Iran.. Tel.: +98 71 32359197
Email: Safieh_Sayyar@yahoo.com

IN THE NAME OF GOD

OFFICIAL TRANSLATION
The Emblem of Islamic Azad University
The Islamic Azad University
Zarghan Branch

"Scanned Photo of the Holder"
Ref. No.: 01-97056
Date of Issue: Nov. 5, 2017

STUDENT TRANSCRIPT

Full Name: **MS. NARGES FATEMIYAN**
National Code: 2281885471 Issued by registration office of Shiraz, Iran
Date of Graduation: Jan. 19, 2017

Father's Name: Mohammadhossein
Date of Birth: 1995
Mode of Study: Full-Time

Field of Study: *Cell & Molecular Biology-Genetics*

Program: *Bachelor of Science (Continuous Program)*

Grading System: Max. 20/-, Min. Zero & Passing Grade: 10/-

Academic Semesters:	Courses Description:				Evaluation:	
	Course Title:	Course Type:	Credits:		Grades:	Points:
			Theoretical	Practical		
Equivalent	Animal Biology	Specialized	4	-	14.75	59
"	Animal Biology Lab.	"	-	1	17.06	17.06
"	Chemistry (I)	Basic	3	-	17.29	51.87
"	Mathematics (I)	"	3	-	18.50	55.50
"	Physical Education	General	-	1	19.08	19.08
"	General Persian Language	"	3	-	19.50	58.50
"	Chemistry Lab. (I)	Basic	-	1	20	20
"	History of Islam	General	2	-	20	40
"	Organic Chemistry (I)	Specialized	2	-	10	20
"	Chemistry (II)	Basic	3	-	13.24	39.72
"	Mathematics (II)	"	3	-	15	45
"	Biostatistics	Specialized	2	-	15.50	31
"	Physics (I)	Basic	3	-	15.67	47.01
"	Chemistry Lab. (II)	"	-	1	17	17
"	Organic Chemistry Lab. (I)	Specialized	-	1	17.25	17.25
"	Physics Lab. (I)	Basic	-	1	19	19
"	Sport (I)	General	-	1	20	20
"	Holy Koran Reading	"	1	-	18	-
1 st sem. 2014-15	Biochemistry (I)	Specialized	3	-	11.50	34.50
"	Organic Chemistry (II)	"	2	-	14	28
"	Physics (II)	Basic	3	-	14.50	43.50
"	Life Skills	General	2	-	16.50	33
"	Ecology	Specialized	3	-	18.50	55.50
"	Physics Lab. (II)	Basic	-	1	19.50	19.50
"	Biochemistry Lab. (I)	Specialized	-	1	19.70	19.70
"	Organic Chemistry Lab. (II)	"	-	1	19.75	19.75
"	General English Language	General	3	-	20	60
2 nd sem. 2014-15	Microbiology (I)	Specialized	3	-	14.10	42.30
"	Molecular Biology	"	2	-	14.60	29.20
"	Cell Biology Lab.	"	-	1	14.75	14.75
"	Cell Biology	"	3	-	15	45
"	Plant Biology Lab.	"	-	1	17	17
"	Microbiology Lab. (I)	"	-	1	18	18
"	Biochemistry (II)	"	3	-	18.25	54.75
"	Plant Biology	"	3	-	19	57
"	Introduction to Holy Defense	Elective	2	-	20	40
"	Biochemistry Lab. (II)	Specialized	-	1	20	20
1 st sem. 2015-16	Radiation Biology	"	2	-	16.50	33
"	Islamic Thought (I)	General	2	-	17	34



S. Sayyar



Back of previous page

شماره ۵۲۱۰۱۰ سری ۵

ردیف دفتر ثبت



جمهوری اسلامی ایران
قوه قضائیه - اداره مترجمین رسمی

صفیه سیار
مترجم رسمی زبان انگلیسی قوه قضائیه
عضو هیئت مترجمان رسمی ایران - شماره پروانه: ۹۴۵
شیراز - مشیر فاضلی - ابتدای خیابان معزل - ساختمان ۱۱۰ - تلفن: ۳۲۳۵۹۱۱۷ - ۷۱
Safieh Sayyar, Certified English Translator, License No.: 945
Add: Bldg 110, Moaddel St., Moshafatzemi Ave.,
Shiraz, Fars, Iran., Tel.: +98 71 32359197
Email: Safieh_Sayyar@yahoo.com

Academic Semesters:	Courses Description:				Evaluation:	
	Course Title:	Course Type:	Credits:		Grades:	Points:
			Theoretical	Practical		
1 st sem. 2015-16	Microbiology Lab. (II)	Specialized	-	1	17.25	17.25
"	Microbiology (II)	"	3	-	17.40	52.20
"	Genetics (I)	"	3	-	17.50	52.50
"	Plant Physiology	"	3	-	18	54
"	Plant Physiology Lab.	"	-	1	18	18
"	Genetics Lab. (I)	"	-	1	18.50	18.50
"	Biophysics	"	3	-	20	60
2 nd sem. 2015-16	Genetics (II)	"	3	-	15	45
"	Population Genetics	Elective	3	-	17	51
"	Immunology	Specialized	2	-	17.50	35
"	Islamic Texts (Topical Exegesis of Holy Koran)	General	2	-	18	36
"	Immunology Lab.	Specialized	-	1	19	19
"	ESP (English for Specific Purposes) Biological Texts	"	2	-	19.50	39
"	Physical Biochemistry	"	3	-	20	60
"	Genetics Lab. (II)	"	-	1	20	20
"	Islamic Thought (II)	General	2	-	20	40
Summer 2015-16	Human Genetics	Elective	3	-	17.50	52.50
"	Virology	Specialized	2	-	18.80	37.60
"	Islamic Revolution	General	2	-	19	38
"	Oncology	Elective	2	-	19.50	39
"	Seminar	"	-	1	20	20
1 st sem. 2016-17	Genetics Engineering	"	3	-	17.25	51.75
"	Evolution	Specialized	2	-	19	38
"	Biotechnology	Elective	2	-	19.75	39.50
"	Genetics Principles & Counseling	"	1	-	20	20
"	History of Islamic & Iranian Culture & Civilization	General	2	-	20	40
"	Imam Khomeini's Will	"	1	-	20	20
"	Population & Family Planning	"	2	-	20	40
"	Animal Physiology	Specialized	4	-	20	80
"	Animal Physiology Lab.	"	-	1	20	20

Total of Passed Credits: 140

GPA: 17.49 (seventeen point forty nine) out of twenty

Note:

- In educational system of the university in each semester for each theoretical credit 16 hours of teaching for each practical credit 32 hours and for each training credit 48 hours are lectured.
- The Criterion for evaluation of the subjects is the grades between 0-20.
- The minimum passing grade for associate's program and bachelor's program is 10, for master's program is 12 and for PhD is 14.

(Signed by Hossein Kargar the Vice-Chancellor in Cultural & Students' Affairs Dept.-the Islamic Azad University-Zarghan Branch) (Signed & Sealed by Dr. Mehdi Vadi, the Chancellor of University Branch)

This student transcript is valid without any erasure, which was registered and confirmed in the book of graduation affairs Dept. of the university under No. 96015675 dated Nov. 15, 2017.

(Signed & Sealed by Dr. Mohammad Abedi, the Director General of the Graduates Dept. of Islamic Azad University)

Certified to be a true translation of the original Persian text.

June 14, 2018

Translation is accurate and translator is competent to translate

Official Translator to the Judiciary of IR



S. Sayyar

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شماره ۵۲۱۰۱۱ سری ۵

دفتر ثبت



جمهوری اسلامی ایران

قوه قضائیه - اداره مترجمین رسمی

صفیه سیار
مترجم رسمی زبان انگلیسی قوه قضائیه
عضو جامعه مترجمان رسمی ایران - شماره پروانه: ۹۴۵
شیراز - مشیر فشمی - خیابان خیابان معین - ساختمان ۱۱۰ - طبقه ۱۱ - ۷۱
Safieh Sayyar. Certified English Translator. License No.: 945
Add: Bldg 110, Moaddel St., Moshirfatemi Ave.,
Shiraz, Fars, Iran.. Tel.: +98 71 32359197
Email: Safieh_Sayyar@yahoo.com

**IN THE NAME OF GOD
OFFICIAL TRANSLATION**

The Emblem of the Islamic Republic of Iran
The Islamic Republic of Iran
The Emblem of the Islamic Azad University
The Islamic Azad University



"Scanned Photo of the Holder"

Serial No.: 3829002

BACHELOR'S DEGREE

In accordance with the Article of Association approved by the Supreme Council of Cultural Revolution dated Nov. 3, 1987 and the Single Article approved by the Islamic Consultative Assembly on May 4, 1988; whereas:

MS. NARGES FATEMIYAN

daughter of Mohammadhossein, holder of National No. 2281885471, with birth certificate issued by the registration office of Shiraz, born in 1995 fulfilled the requirements of B.Sc. program at the Islamic Azad University-Zarghan branch; in the field of:

"Cell & Molecular Biology-Genetics"

on Jan. 19, 2017 in full-time education; therefore this:

BACHELOR'S DEGREE

in the above-mentioned field of study is awarded to her.

Total credits passed: 140

Cumulative GPA: 17.49 (seventeen point forty nine) out of twenty.

(Signed by Dr. Mehdi Vadi, the Chancellor of University Branch)

(Signed by Dr. Ebrahim Kalantari on behalf of Dr. Farhad Rahbar, the Chancellor of Iran's Islamic Azad University)

(Embossed Seal of the Islamic Azad University-Zarghan Branch)

Attestation No. of the Central Organization of the Islamic Azad University: 179528200110

Date of Attestation by the Central Organization of Islamic Azad University: Aug. 20, 2017

B.

Certified to be a true translation of the original Persian text.

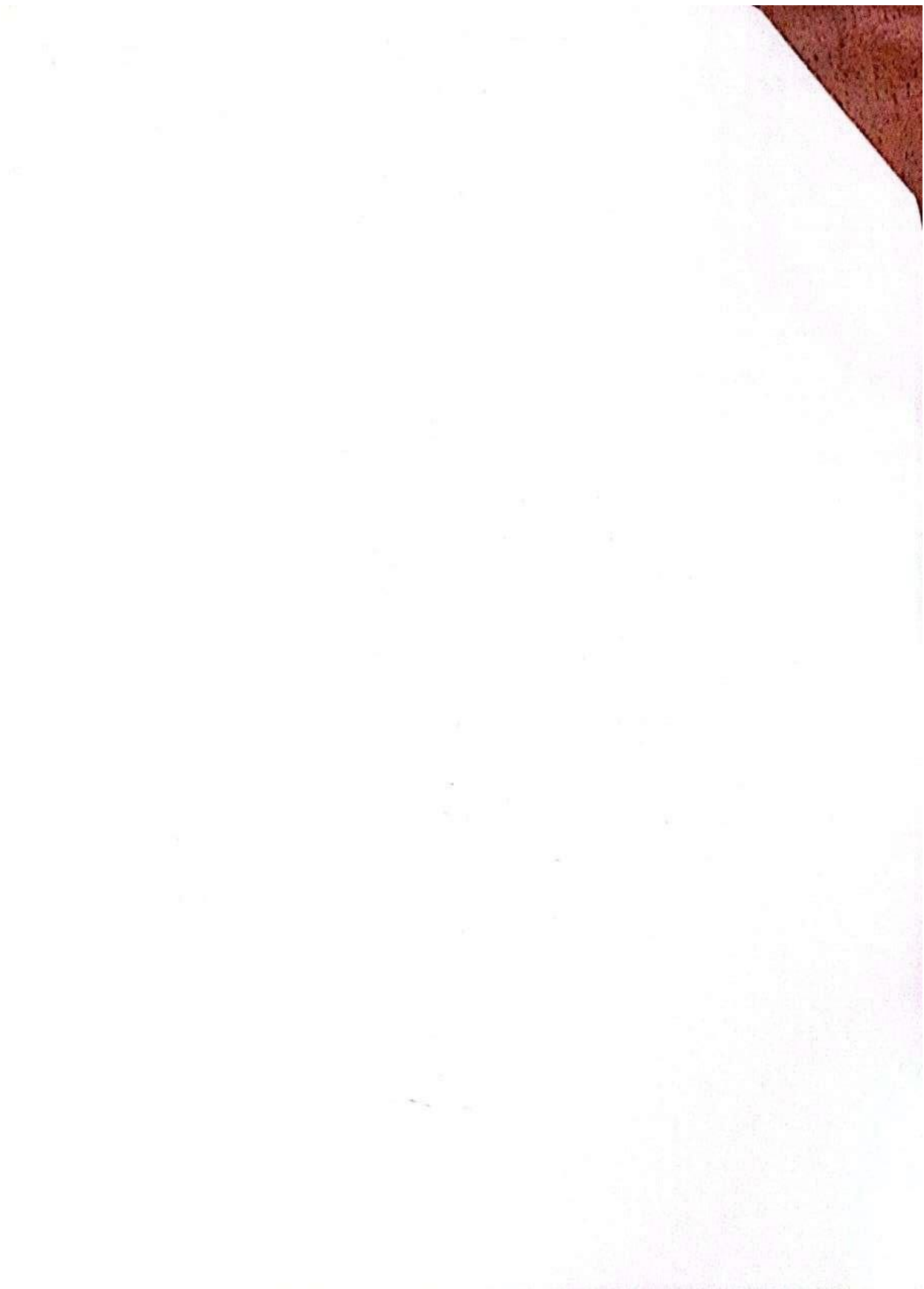
June 14, 2018

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S. Sayyar



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تاریخ: ۹۷/۸/۱۴
شماره: ۹۷۰۵۶(۰۱-)

باسمه تعالی
اطلبوا العلم من المهد الى اللحد
دانشگاه آزاد اسلامی واحد زرقان



دارای کد ملی ۲۲۸۱۸۸۵۴۷۱

فرزند محمدحسین

کواهی می شود: خانم نرگس فاطمیان

متولد سال ۱۳۷۴ در رشته زیست شناسی سلولی و مولکولی - زنیتیک

صادره از شیراز

نظام آموزش تمام وقت در تاریخ ۱۳۹۵/۱۰/۳۰ فارغ التحصیل شده است و به دریافت درجه کارشناسی پیوسته از رشته مذکور نایل شده است. فهرست دروس و ریز نمرات نامبرده در طی دوره تحصیلی به شرح زیر می باشد. صفحه: ۱ از ۳

نمایش تحصیلی	نام درس	نوع درس	تعداد واحد		نمره		امتحان واحد
			نظری	عملی	به عدد	به حروف	
معادل ستاری	زیست شناسی جانوری	تخصصی	۴		۱۲/۷۵	چهارده و هفت و پنج صدم	۵۹
معادل ستاری	آزمایشگاه زیست شناسی جانوری	تخصصی	۱		۱۷/۰۶	هفده و شش صدم	۱۷/۰۶
معادل ستاری	شیمی ۱	پایه	۳		۱۷/۲۹	هفده و بیست و نه صدم	۵۱/۸۷
معادل ستاری	ریاضی ۱	پایه	۳		۱۸/۵۰	هجده و پنجاه صدم	۵۵/۵۰
معادل ستاری	تربیت بدنی	عمومی	۱		۱۹/۰۸	نوزده و هشت صدم	۱۹/۰۸
معادل ستاری	فارسی عمومی	عمومی	۳		۱۹/۵۰	نوزده و پنجاه صدم	۵۸/۵۰
معادل ستاری	آزمایشگاه شیمی ۱	پایه	۱		۲۰	بیست	۲۰
معادل ستاری	تاریخ اسلام	عمومی	۲		۲۰	بیست	۲۰
معادل ستاری	شیمی آلی ۱	تخصصی	۲		۱۰	ده دهم	۲۰
معادل ستاری	شیمی ۲	پایه	۳		۱۳/۷۲	سی و سه و چهار صدم	۳۹/۷۲
معادل ستاری	ریاضی ۲	پایه	۳		۱۵	پنجاه و پنج	۴۵
معادل ستاری	آمار زیستی	تخصصی	۲		۱۵/۵۰	پنجاه و پنج صدم	۳۱
معادل ستاری	فیزیک ۱	پایه	۳		۱۵/۲۷	پنجاه و هفت و هفت صدم	۳۷/۰۶
معادل ستاری	آزمایشگاه شیمی ۲	پایه	۱		۱۷	هفده صدم	۱۷
معادل ستاری	آزمایشگاه شیمی آلی ۱	تخصصی	۱		۱۷/۲۵	هفده و بیست و پنج صدم	۱۷/۲۵
معادل ستاری	آزمایشگاه فیزیک ۱	پایه	۱		۱۹	نوزده صدم	۱۹
معادل ستاری	ورزش ۱	عمومی	۱		۲۰	بیست	۲۰
-	روخوانی قرآن	عمومی	۱		۱۸	هجده صدم	
نیمسال اول ۹۳-۹۴	بیوشیمی ۱	تخصصی	۳		۱۲/۵۰	دوازده و پنجاه صدم	۳۴/۵۰
نیمسال اول ۹۳-۹۴	شیمی آلی ۲	تخصصی	۲		۱۴	چهارده صدم	۲۸
نیمسال اول ۹۳-۹۴	فیزیک ۲	پایه	۳		۱۲/۵۰	دوازده و پنجاه صدم	۳۳/۵۰
نیمسال اول ۹۳-۹۴	آیین زندگی	عمومی	۲		۱۴/۵۰	چهارده و پنجاه صدم	۳۳
نیمسال اول ۹۳-۹۴	اکولوژی	تخصصی	۳		۱۸/۵۰	هجده و پنجاه صدم	۵۵/۵۰
نیمسال اول ۹۳-۹۴	آزمایشگاه فیزیک ۲	پایه	۱		۱۸/۵۰	چهارده و پنجاه صدم	۱۹/۵۰
نیمسال اول ۹۳-۹۴	آزمایشگاه بیوشیمی ۱	تخصصی	۱		۱۷/۰۶	هفده و شش صدم	۱۷/۰۶



کپی برابر اصل است
S. Saegheh
14 JUN 2018



معاون دانشجویی و فرهنگی واحد
حسن کارگر





تاریخ: ۹۷/۸/۱۴

شماره: ۹۷۰۵۶(۰۱-)

داری کد ملی ۲۲۸۱۸۸۵۴۷۱

باسمه تعالی
اقتضای العلم من المهد الی اللحد
دانشگاه آزاد اسلامی واحد زرقان

فرزند محمدحسین

کولگی می شود: خانم نوکی فاطمیان

متولد سال ۱۳۷۴ در رشته شیمی سولوی و مولکولی - زیتیک

مقام آموزش تمام وقت دو تاریخ ۱۳۹۵/۱۰/۳۰ فارغ التحصیل شده است و به دریافت درجه کارشناسی پیوسته از رشته مذکور نایل شده است. فهرست دروس و ریز نمرات نامبرده در طی دوره تحصیلی به شرح زیر می باشد. صفحه: ۲ از ۳

امتیاز واحد	ارزشی دروس		مشخصات دروس		نوع درس	نام درس	سال تحصیلی
	نمره	تعداد واحد	به عدد	به حروف			
۱۹/۷۵	نوزده و هفت و پنج صدم	۱	۱۹/۷۵	نوزده و هفت و پنج صدم	تخصصی	آزمایشگاه شیمی آلی ۲	نیمسال اول ۹۳-۹۴
۶۰	بیست	۳	۲۰	بیست	عمومی	زبان خارجه عمومی	نیمسال اول ۹۳-۹۴
۴۲/۳۰	چهارده و سه صدم	۳	۱۴/۱۰	چهارده و سه صدم	تخصصی	میکروبیولوژی ۱	نیمسال دوم ۹۳-۹۴
۲۹/۲۰	چهارده و شصت صدم	۲	۱۴/۶۰	چهارده و شصت صدم	تخصصی	زیست شناسی مولکولی	نیمسال دوم ۹۳-۹۴
۱۴/۷۵	چهارده و هفت و پنج صدم	۱	۱۴/۷۵	چهارده و هفت و پنج صدم	تخصصی	آزمایشگاه زیست شناسی سولوی	نیمسال دوم ۹۳-۹۴
۲۵	پنجاه و پنج صدم	۳	۱۵	پنجاه و پنج صدم	تخصصی	زیست شناسی سولوی	نیمسال دوم ۹۳-۹۴
۱۷	هفده و هفت صدم	۱	۱۷	هفده و هفت صدم	تخصصی	آزمایشگاه زیست شناسی گیاهی	نیمسال دوم ۹۳-۹۴
۱۸	هجده و هشت صدم	۱	۱۸	هجده و هشت صدم	تخصصی	آزمایشگاه میکروبیولوژی ۱	نیمسال دوم ۹۳-۹۴
۵۴/۷۵	هجده و بیست و پنج صدم	۳	۱۸/۲۵	هجده و بیست و پنج صدم	تخصصی	بیوشیمی ۲	نیمسال دوم ۹۳-۹۴
۵۷	نوزده و هفت صدم	۳	۱۹	نوزده و هفت صدم	تخصصی	زیست شناسی گیاهی	نیمسال دوم ۹۳-۹۴
۴۰	بیست	۲	۲۰	بیست	اختیاری	انسانی با دفاع مقدس (اختیاری)	نیمسال دوم ۹۳-۹۴
۲۰	بیست	۱	۲۰	بیست	تخصصی	آزمایشگاه بیوشیمی ۲	نیمسال دوم ۹۳-۹۴
۳۳	سی و سه و پنج صدم	۲	۱۴/۵۰	سی و سه و پنج صدم	تخصصی	زیست شناسی پروتئین	نیمسال اول ۹۴-۹۵
۳۴	هجده و هشت صدم	۲	۱۷	هجده و هشت صدم	عمومی	تئیه فلسفی ۱	نیمسال اول ۹۴-۹۵
۱۷/۲۵	هجده و بیست و پنج صدم	۱	۱۷/۲۵	هجده و بیست و پنج صدم	تخصصی	آزمایشگاه میکروبیولوژی ۲	نیمسال اول ۹۴-۹۵
۵۲/۲۰	هجده و چهل و دو صدم	۳	۱۷/۴۰	هجده و چهل و دو صدم	تخصصی	میکرو بیولوژی ۲	نیمسال اول ۹۴-۹۵
۵۲/۵۰	هجده و پنجاه و دو صدم	۳	۱۷/۵۰	هجده و پنجاه و دو صدم	تخصصی	زیتیک ۱	نیمسال اول ۹۴-۹۵
۵۴	هجده و هشت صدم	۳	۱۸	هجده و هشت صدم	تخصصی	فیزیولوژی گیاهی	نیمسال اول ۹۴-۹۵
۱۸	هجده و هشت صدم	۱	۱۸	هجده و هشت صدم	تخصصی	آزمایشگاه فیزیولوژی گیاهی	نیمسال اول ۹۴-۹۵
۱۸/۵۰	هجده و پنجاه و دو صدم	۱	۱۸/۵۰	هجده و پنجاه و دو صدم	تخصصی	آزمایشگاه زیتیک ۱	نیمسال اول ۹۴-۹۵
۶۰	بیست	۳	۲۰	بیست	تخصصی	بیوفیزیک	نیمسال اول ۹۴-۹۵
۴۵	پنجاه و پنج صدم	۳	۱۵	پنجاه و پنج صدم	تخصصی	زیتیک ۲	نیمسال دوم ۹۴-۹۵
۵۱	هجده و هشت صدم	۳	۱۷	هجده و هشت صدم	اختیاری	زیتیک جمعیت	نیمسال دوم ۹۴-۹۵
۳۵	هجده و هفت و پنج صدم	۲	۱۷/۵۰	هجده و هفت و پنج صدم	تخصصی	فیزیولوژی	نیمسال دوم ۹۴-۹۵
۳۶	هجده و هشت و پنج صدم	۲	۱۸/۵۰	هجده و هشت و پنج صدم	عمومی	ماتری (شمار برداری و ماتری)	نیمسال دوم ۹۴-۹۵



مستند دانشجویی و فراموشی و اسامی
مستند

کپی برام اسل است
۱۴ JUN 2018

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تاریخ: ۹۷/۰۸/۱۴
شماره: ۹۷۰۵۶(۰۱-)

باسم تعالی
اطلبوا العلم من المهد الى اللحد
دانشگاه آزاد اسلامی واحد زرقان



دارای کد ملی ۲۲۸۱۸۸۵۴۷۱

فرزند محمدحسین

گواهی می شود: خانم فرس فاطمیان

متولد سال ۱۳۷۲ در رشته زیست شناسی سلولی و مولکولی - زنیتک

صادره از شیراز
تمام آموزش تمام وقت در تاریخ ۱۳۹۵/۱۰/۳۰ فارغ التحصیل شده است و به دریافت درجه کارشناسی پیوسته از رشته مذکور تایل شده است.
فهرست دروس و ریز نمرات نامبرده در طی دوره تحصیلی به شرح زیر می باشد. صفحه: ۳ از ۳

نماتال تحصیلی	نام درس	نوع درس	تعداد واحد		ارزشیابی دروس	
			نظری	عملی	نمره	امتیاز واحد
نیمسال دوم ۹۴-۹۵	آزمایشگاه ایمنولوژی	تخصصی	۱	۱۹	نمره شش	۱۹
نیمسال دوم ۹۴-۹۵	متون زیست شناسی (زبان تخصصی)	تخصصی	۲	۱۹/۵۰	نمره و پنجده صدم	۳۹
نیمسال دوم ۹۴-۹۵	بیوشیمی فیزیکی	تخصصی	۳	۲۰	بست	۴۰
نیمسال دوم ۹۴-۹۵	آزمایشگاه ژنتیک ۲	تخصصی	۱	۲۰	بست	۲۰
نیمسال دوم ۹۴-۹۵	اندیشه اسلامی ۲	عمومی	۲	۲۰	بست	۴۰
دوره تابستان ۹۴-۹۵	ژنتیک انسانی	اختیاری	۳	۱۷/۵۰	مده و پنجده صدم	۵۱/۵۰
دوره تابستان ۹۴-۹۵	ویروس شناسی	تخصصی	۲	۱۸/۸۰	مده و هشتده صدم	۳۷/۶۰
دوره تابستان ۹۴-۹۵	انقلاب اسلامی	عمومی	۲	۱۹	نمره تمام	۳۸
دوره تابستان ۹۴-۹۵	ایمنولوژی	اختیاری	۲	۱۹/۵۰	نمره و پنجده صدم	۳۹
دوره تابستان ۹۴-۹۵	سمینار	اختیاری	۱	۲۰	بست	۲۰
نیمسال اول ۹۵-۹۶	مهندسی ژنتیک	اختیاری	۳	۱۷/۲۵	مده و بیست و پنج صدم	۵۱/۷۵
نیمسال اول ۹۵-۹۶	تکامل	تخصصی	۲	۱۹	نمره تمام	۳۸
نیمسال اول ۹۵-۹۶	بیوتکنولوژی	اختیاری	۲	۱۹/۷۵	نمره و هشتده و پنج صدم	۳۹/۵۰
نیمسال اول ۹۵-۹۶	اصول و مشاوره ژنتیک	اختیاری	۱	۲۰	بست	۲۰
نیمسال اول ۹۵-۹۶	تاریخ فرهنگ و تمدن اسلام و ایران	عمومی	۲	۲۰	بست	۴۰
نیمسال اول ۹۵-۹۶	وصیت نامه امام (ره)	عمومی	۱	۲۰	بست	۲۰
نیمسال اول ۹۵-۹۶	دانش حقوق و جمعیت	عمومی	۲	۲۰	بست	۴۰
نیمسال اول ۹۵-۹۶	فیزیولوژی جقوری	تخصصی	۴	۲۰	بست	۸۰
نیمسال اول ۹۵-۹۶	آزمایشگاه فیزیولوژی جقوری	تخصصی	۱	۲۰	بست	۲۰

تعداد کل واحدهای گذرانده شده: ۱۴۰

میانگین کل: ۱۷/۲۹

بر اساس آیین نامه آموزشی دانشگاه در طول هر نیمسال تحصیلی دانشجویان در هر یک از واحدهای آموزشی ۳۲ ساعت و عملیات کارگاهی ۴۸ ساعت آموزش ارائه می شود - معیار ارزشیابی دروس از نمره صفر تا بیست می باشد و حداقل نمره قبولی در هر یک از واحدهای آموزشی ۱۲ و کمتر از آن نمره نمره ناکافی است و نمره ۱۴ می باشد



مدیر دفتر امور فارغ التحصیلان دانشگاه ثبت و تایید شده است
دکتر محمد حامدی
مدیر کل دانش آموزان دانشگاه



۱۴ خرداد ۱۳۹۷

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طريقته في العمل

و انظمہ آزاد اسلامی

کارشناسی
دانشنامه مایه تخصصیات دور

بہ استناد اسنادیہ دارالکتاب مصوب ۱۶/۸/۸۲ شورائی عالی اقلیت فریقین

خانم زکس فاطمیان

فرزند
محمد حسین
دارای شماس علی

میرزا محمد حسن قزوینی

15744 15745

تتمثلات

کارشناسی

زیرت شای سلولی کلکولی - ریشک
رشد

1950

125

۱۷/۳۹
بندہ و نذر صدم
مستحقین کل

14/49

در تاریخ ۱۳۹۵/۱۰/۲۰ در واحد دانش

از قاصد

1871

ابن، انشنامه به ایشان اعطا می کرد.

برابر با اصل است
امور فارغ التحصیلان
دفترگاه ارباب اسامی واحد زبان

کتابخانه

نور محمد علی خان، آزاد اسیر

دکتر محمدی وادایی

دانشگاه علامه طباطبائی

شماره آید مائة و پانزده

1905.15.11

آپ کا نام: محمد علی محمد

1556





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Original Bachelor Transcript and Degree

تاریخ: ۹۶/۰۸/۱۴ شماره: ۹۷۰۵۶(۰۱) -

باسمه تعالی
اطلبوا العلم من المهدی الی اللحد
دانشگاه آزاد اسلامی واحد زرقان

گواهی می شود: خانم نوکس فاطمیان
فرزند محمدحسین
متولد سال ۱۳۴۴ در رشته زیست شناسی سلولی و مولکولی - ژنتیک

صادره از شیراز

نظام آموزش تمام وقت
دو تاریخ: ۱۳۹۵/۱۰/۳۰ فارغ التحصیل شده است و به دریافت درجه
فهرست دروس و ریز نمرات نامبرده در طی دوره تحصیلی به شرح زیر می باشد. صفحه: ۱ از ۳

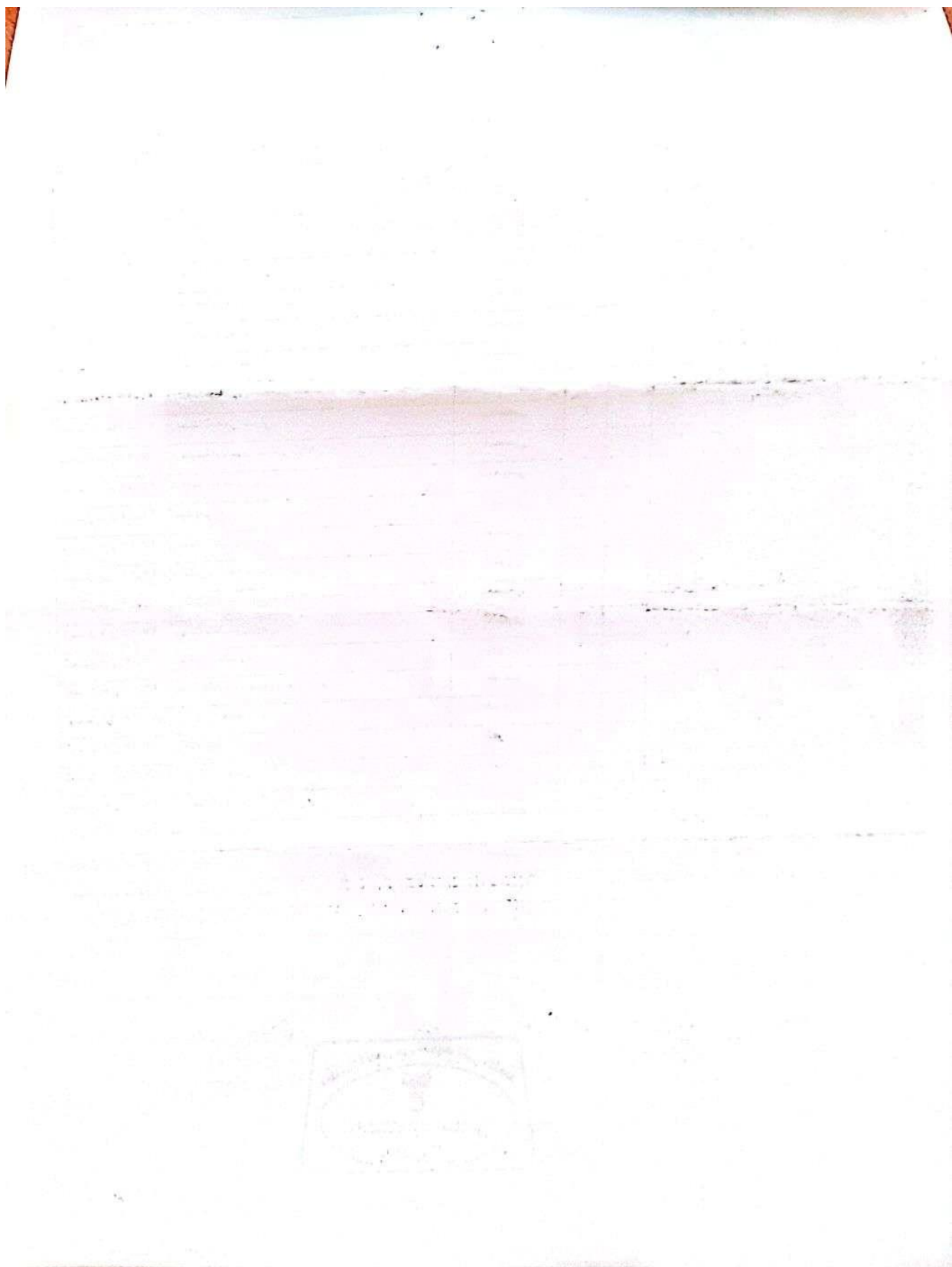
از رشته مذکور نایل شده است.

ارزشیابی دروس			مشخصات دروس		نیمسال تحصیلی	
امتیاز واحد	نمره		نوع درس	نام درس		
	به حروف	به عدد			عملی	نظری
۵۹	چهارده و هفت و پنج صدم	۱۴/۷۵	۴	تخصصی	زیست شناسی جانوری	معادل سازی
۱۷/۰۶	هفده و شش صدم	۱۷/۰۶	۱	تخصصی	آزمایشگاه زیست شناسی جانوری	معادل سازی
۵۱/۸۷	هفده و بیست و نه صدم	۱۷/۲۹	۳	پایه	شیمی ۱	معادل سازی
۵۵/۵۰	هجده و پنجاه صدم	۱۸/۵۰	۳	پایه	ریاضی ۱	معادل سازی
۱۹/۰۸	نوزده و هشت صدم	۱۹/۰۸	۱	عمومی	تربیت بدنی	معادل سازی
۵۸/۵۰	نوزده و پنجاه صدم	۱۹/۵۰	۳	عمومی	فارسی عمومی	معادل سازی
۲۰	بیست	۲۰	۱	پایه	آزمایشگاه شیمی ۱	معادل سازی
۴۰	بیست	۲۰	۲	عمومی	تاریخ اسلام	معادل سازی
۲۰	ده تمام	۱۰	۲	تخصصی	شیمی آلی ۱	معادل سازی
۳۹/۷۲	سیزده و بیست و چهار صدم	۱۴/۲۴	۳	پایه	شیمی ۲	معادل سازی
۴۵	پنجاه تمام	۱۵	۳	پایه	ریاضی ۲	معادل سازی
۳۱	پنجاه و پنج صدم	۱۵/۵۰	۲	تخصصی	آمار زیستی	معادل سازی
۴۷/۰۱	پنجاه و شصت و هفت صدم	۱۵/۶۷	۳	پایه	فیزیک ۱	معادل سازی
۱۷	هفده تمام	۱۷	۱	پایه	آزمایشگاه شیمی ۲	معادل سازی
۱۷/۲۵	هفده و بیست و پنج صدم	۱۷/۲۵	۱	تخصصی	آزمایشگاه شیمی آلی ۱	معادل سازی
۱۹	نوزده تمام	۱۹	۱	پایه	آزمایشگاه فیزیک ۱	معادل سازی
۲۰	بیست	۲۰	۱	عمومی	ورزش ۱	معادل سازی
	هجده تمام	۱۸	۱	عمومی	روخوانی قرآن	-
۳۴/۵۰	پنجاه و پنج صدم	۱۱/۵۰	۳	تخصصی	بیوشیمی ۱	نیمسال اول ۹۳-۹۴
۲۸	چهارده تمام	۱۴	۲	تخصصی	شیمی آلی ۲	نیمسال اول ۹۳-۹۴
۴۳/۵۰	چهارده و پنجاه صدم	۱۴/۵۰	۳	پایه	فیزیک ۲	نیمسال اول ۹۳-۹۴
۳۳	شترده و پنجاه صدم	۱۶/۵۰	۲	عمومی	آیین زندگی	نیمسال اول ۹۳-۹۴
۵۵/۵۰	هجده و پنجاه صدم	۱۸/۵۰	۳	تخصصی	اکولوژی	نیمسال اول ۹۳-۹۴
۱۹/۵۰	نوزده و پنجاه صدم	۱۹/۵۰	۱	پایه	آزمایشگاه فیزیک ۲	نیمسال اول ۹۳-۹۴
۱۹/۷۰	نوزده و هفتاد صدم	۱۹/۷۰	۱	تخصصی	آزمایشگاه بیوشیمی ۱	نیمسال اول ۹۳-۹۴

ریاست واحد
دکتر محمدجواد



معاون دانشجویی و فرهنگی واحد
حسن قارگر





تاریخ: ۹۶/۰۸/۱۴
شماره: ۹۷۰۵۶(۰۱-)

باسمه تعالی
اطلبوا العلم من المهد إلى المهد
دانشگاه آزاد اسلامی واحد زرقان



داری کد ملی ۲۲۸۱۸۸۵۴۷۱

فرزند محمدحسین

خواهی می شود: خانم نرگس فاطمیان

متولد سال ۱۳۷۲ در رشته زیست شناسی سلولی و مولکولی - ژنتیک

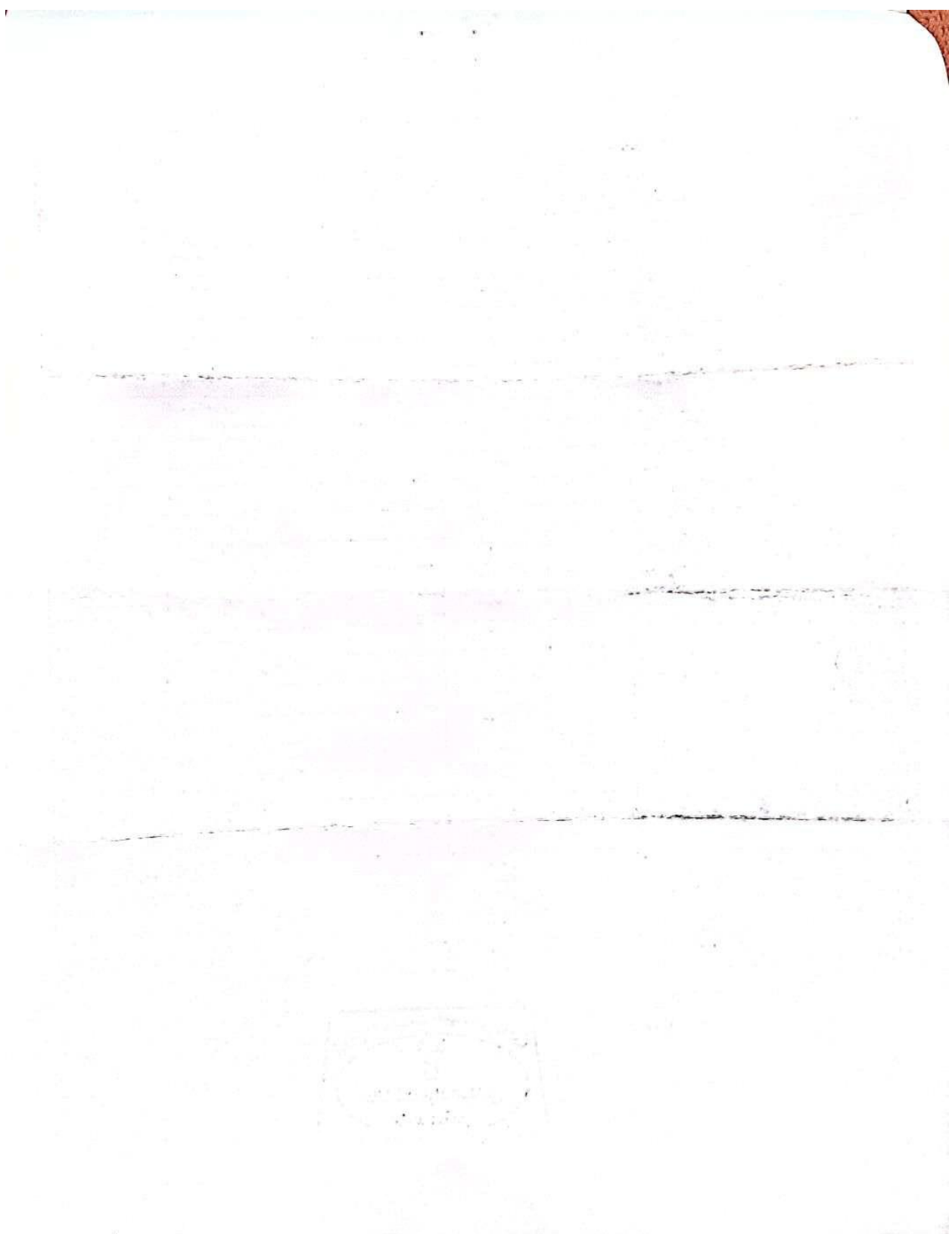
صادره از شیراز
نظام آموزش تمام وقت
فهرست دروس و ریز نمرات نامبرده در طی دوره تحصیلی به شرح زیر می باشد. صفحه: ۲ از ۳

نیمسال تحصیلی	نام درس	نوع درس	مشخصات دروس				ارزشیابی دروس	
			تعداد واحد	نظری	عملی	به عدد	نمره	امتیاز واحد
نیمسال اول ۹۳-۹۲	آزمایشگاه شیمی آلی ۲	تخصصی	۱			۱۹/۷۵	نورده و ملکه و پنج صدم	۱۹/۷۵
نیمسال اول ۹۳-۹۲	زبان خارجه عمومی	عمومی	۳			۲۰	بیست	۶۰
نیمسال دوم ۹۳-۹۲	میکروبیولوژی ۱	تخصصی	۳			۱۲/۱۰	چهارده و ده صدم	۳۲/۳۰
نیمسال دوم ۹۳-۹۲	زیست شناسی مولکولی	تخصصی	۲			۱۲/۶۰	چهارده و شصت صدم	۲۹/۲۰
نیمسال دوم ۹۳-۹۲	آزمایشگاه زیست شناسی سلولی	تخصصی	۱			۱۲/۷۵	چهارده و هفتاد و پنج صدم	۱۴/۷۵
نیمسال دوم ۹۳-۹۲	زیست شناسی سلولی	تخصصی	۳			۱۵	پانزده تمام	۴۵
نیمسال دوم ۹۳-۹۲	آزمایشگاه زیست شناسی گیاهی	تخصصی	۱			۱۷	هفده تمام	۱۷
نیمسال دوم ۹۳-۹۲	آزمایشگاه میکروبیولوژی ۱	تخصصی	۱			۱۸	هجده تمام	۱۸
نیمسال دوم ۹۳-۹۲	ببوشیمی ۲	تخصصی	۳			۱۸/۲۵	هجده و بیست و پنج صدم	۵۴/۷۵
نیمسال دوم ۹۳-۹۲	زیست شناسی گیاهی	تخصصی	۳			۱۹	نوزده تمام	۵۷
نیمسال دوم ۹۳-۹۲	آشنایی با دفاع مقدس (اختیاری)	اختیاری	۲			۲۰	بیست	۴۰
نیمسال دوم ۹۳-۹۲	آزمایشگاه ببوشیمی ۲	تخصصی	۱			۲۰	بیست	۲۰
نیمسال اول ۹۴-۹۵	زیست شناسی پرتویی	تخصصی	۲			۱۴/۵۰	ششزده و پنجاه صدم	۳۳
نیمسال اول ۹۴-۹۵	اندیشه اسلامی ۱	عمومی	۲			۱۷	هفده تمام	۳۴
نیمسال اول ۹۴-۹۵	آزمایشگاه میکروبیولوژی ۲	تخصصی	۱			۱۷/۲۵	هفده و بیست و پنج صدم	۱۷/۲۵
نیمسال اول ۹۴-۹۵	میکرو بیولوژی ۲	تخصصی	۳			۱۷/۴۰	هفده و چهل صدم	۵۲/۲۰
نیمسال اول ۹۴-۹۵	ژنتیک ۱	تخصصی	۳			۱۷/۵۰	هفده و پنجاه صدم	۵۲/۵۰
نیمسال اول ۹۴-۹۵	فیزیولوژی گیاهی	تخصصی	۳			۱۸	هجده تمام	۵۴
نیمسال اول ۹۴-۹۵	آزمایشگاه فیزیولوژی گیاهی	تخصصی	۱			۱۸	هجده تمام	۱۸
نیمسال اول ۹۴-۹۵	آزمایشگاه ژنتیک ۱	تخصصی	۱			۱۸/۵۰	هجده و پنجاه صدم	۱۸/۵۰
نیمسال اول ۹۴-۹۵	بیوفیزیک	تخصصی	۳			۲۰	بیست	۶۰
نیمسال دوم ۹۴-۹۵	ژنتیک ۲	تخصصی	۳			۱۵	پانزده تمام	۴۵
نیمسال دوم ۹۴-۹۵	ژنتیک جمعیت	اختیاری	۳			۱۷	هفده تمام	۵۱
نیمسال دوم ۹۴-۹۵	ایمونولوژی	تخصصی	۲			۱۷/۵۰	هفده و پنجاه صدم	۳۵
نیمسال دوم ۹۴-۹۵	متون اسلامی (تفسیر موضوعی قرآن کریم)	عمومی	۲			۱۸	هجده تمام	۳۶

ریاست واحد
دکتر مهدی مهدی



معاون دانشجویی و فرهنگی واحد
حسین کارگر



تاریخ: ۹۶/۰۸/۱۴ شماره: ۹۷۰۵۶(۰۱-
 بهنام تعالی
 اطوبوا العلم من المهد الی اللحد
 دانشگاه آزاد اسلامی واحد زرقان
 سواحی می شود: خانم نرعی فاطمینا
 متولد سال ۱۳۷۴ در رشته زیست شناسی سلولی و مولکولی - ژنتیک
 فرزند محمدحسین دارای کد ملی ۲۲۸۱۸۸۵۴۷۱

نظام آموزش تمام وقت در تاریخ ۱۳۹۵/۱۰/۳۰ فارغ التحصیل شده است و به دریافت درجه
 فهرست دروس و ریز نمرات نامبرده در طی دوره تحصیلی به شرح زیر می باشد. صفحه: ۳ از ۳

نیمسال تحصیلی	مشخصات دروس		ارزشیابی دروس		
			نمره		امتیاز واحد
	نام درس	نوع درس	تعداد واحد	به عدد	
			نظری	عملی	به حروف
نیمسال دوم ۹۴-۹۵	آزمایشگاه ایمونولوژی	تخصصی	۱	۱۹	نورده تمام
نیمسال دوم ۹۴-۹۵	متون زیست شناسی (زبان تخصصی)	تخصصی	۲	۱۹/۵۰	نورده و پنجاه صدم
نیمسال دوم ۹۴-۹۵	بیوشیمی فیزیکی	تخصصی	۳	۲۰	بیست
نیمسال دوم ۹۴-۹۵	آزمایشگاه ژنتیک ۲	تخصصی	۱	۲۰	بیست
نیمسال دوم ۹۴-۹۵	اندیشه اسلامی ۲	عمومی	۲	۲۰	بیست
دوره تابستان ۹۴-۹۵	ژنتیک انسانی	اختیاری	۳	۱۷/۵۰	هفده و پنجاه صدم
دوره تابستان ۹۴-۹۵	ویروس شناسی	تخصصی	۲	۱۸/۸۰	هجده و هشته صدم
دوره تابستان ۹۴-۹۵	انقلاب اسلامی	عمومی	۲	۱۹	نورده تمام
دوره تابستان ۹۴-۹۵	ایستکولوژی	اختیاری	۲	۱۹/۵۰	نورده و پنجاه صدم
دوره تابستان ۹۴-۹۵	سمینار	اختیاری	۱	۲۰	بیست
نیمسال اول ۹۵-۹۶	مهندسی ژنتیک	اختیاری	۳	۱۷/۲۵	هفده و بیست و پنج صدم
نیمسال اول ۹۵-۹۶	تکامل	تخصصی	۲	۱۹	نورده تمام
نیمسال اول ۹۵-۹۶	بیوتکنولوژی	اختیاری	۲	۱۹/۷۵	نورده و هفتاد و پنج صدم
نیمسال اول ۹۵-۹۶	اصول و مشاوره ژنتیک	اختیاری	۱	۲۰	بیست
نیمسال اول ۹۵-۹۶	تاریخ فرهنگ و تمدن اسلام و ایران	عمومی	۲	۲۰	بیست
نیمسال اول ۹۵-۹۶	وصیت نامه امام (ره)	عمومی	۱	۲۰	بیست
نیمسال اول ۹۵-۹۶	دانش خانواده و جمعیت	عمومی	۲	۲۰	بیست
نیمسال اول ۹۵-۹۶	فیزیولوژی جانوری	تخصصی	۴	۲۰	بیست
نیمسال اول ۹۵-۹۶	آزمایشگاه فیزیولوژی جانوری	تخصصی	۱	۲۰	بیست

میانگین کل: ۱۷/۴۹

تعداد کل واحدهای گذرانده شده: ۱۴۰

بر اساس آیین نامه آموزشی دانشگاه در طول هر نیمسال تحصیلی دانشجو باید حداقل ۳۲ ساعت و عملیات کارگاهی ۴۸ ساعت آموزش ارائه می شود
 - معیار ارزشیابی دروس از نمره صفر تا بیست می باشد و حداقل نمره قبولی در مقطع کارشناسی ۱۲ و کارشناسی ارشد ۱۴ و دکتری تخصصی ۱۴ می باشد

معاون دانشجویی و فرهنگی: حسین کارگر
 ریاست واحد: دکتر مهدی زادی
 در دفتر امور فارغ التحصیلان دانشگاه ثبت و تایید شده است
 دکتر محمد هابدی
 مدیر کل دانش آموزان دانشگاه
 دانشگاه آزاد اسلامی
 واحد زرقان
 مورخ: ۹۶/۰۸/۲۴
 ۹۶۰۱۵۲۷۵



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شماره تائید سازمان مرکزی

۱۷۹۵۳۸۳۰۰۱۱۲۱

تاریخ تایید سازمان مرکزی

۹۶/۰۵/۳۹



پیش نهادن آشنایی با سیستم آموزش عالی کشور

جمهوری اسلامی ایران

وزارتخانه آموزش عالی

دانشنامه پایان تحصیلات دوره کارشناسی

پروانه اشتغال دانشنامه دانشگاه مصوب ۱۳۸۸/۱۲/۲۸ شورای عالی انقلاب فرهنگی و ماده واحده مصوب ۱۳۸۸/۱۲/۲۸ مجلس شورای اسلامی

۱۳۷۴ متولد

شیراز

۲۸۱۸۸۵۴۷۱

دارای شهادتی

محمد حسین

فرزند

خانم زکریا فاطمین

واحد دی

۱۴۰

با گذراندن

در نظام آموزش تمام وقت

در مقطع کارشناسی

در تاریخ ۱۳۹۵/۱۲/۲۸

در واحد دانشگاهی

وزارت

فرمانده کل

پروانه اشتغال

وزارت

فرمانده کل

فرمانده کل

فرمانده کل

فرمانده کل

فرمانده کل

این دانشنامه بر اساس اطلاعیه صادره

۱۷۹۵۳۸۳۰۰۱۱۲۱

دکتر محمد علی

دکتر محمد علی

دکتر محمد علی

دکتر محمد علی



Masters Official Transcript (Narges Fatemiyan)



University of Manitoba
Winnipeg, Manitoba, Canada

Record of Narges Fatemiyan

Student ID: 007889028
Date of Birth: May 13

Level: Graduate

OFFICIAL TRANSCRIPT

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Issued To: Narges Fatemiyan
Faculty of Graduate Studies
Program: Graduate Studies-MSc
Major: Biological Sciences
Awarded: M.Sc. February 16, 2022

Date Issued: April 23, 2022

Thesis: Identifying fundamental mechanisms underlying apical branchi

INSTITUTION CREDIT

Fall 2019
Graduate Studies-MSc
Major: Biological Sciences

Course	Title	Campus	Credit Hours	Grade Mode	Grade	Grade Comment	Quality Points	Repeat
BIOL 7100	Core Skills in Biological Sciences Research		3.00		B		9.00	
GRAD 7020	Master's Re-registration		0.00		NG		0.00	
GRAD 7500	Academic Integrity Tutorial		0.00		PASS		0.00	
Term GPA:		<u>Earned Hours</u>	<u>GPA Hours</u>	<u>GPA</u>				
		3.00	3.00	3.00				

Winter 2020
Graduate Studies-MSc
Major: Biological Sciences

Due to the possible impact of the COVID-19 pandemic on academic performance, students in Winter 2020 were given the option to retain their original grade, exclude their grade from GPA calculations (grades marked with an *), convert their letter grade to Pass (P*) or Voluntarily Withdraw (VW) from the course. For students in Law, all courses were graded as Pass/Fail.

Course	Title	Campus	Credit Hours	Grade Mode	Grade	Grade Comment	Quality Points	Repeat
GRAD 7020	Master's Re-registration		0.00		NG		0.00	
Term GPA:		<u>Earned Hours</u>	<u>GPA Hours</u>	<u>GPA</u>				
		0.00	0.00	0.00				

Summer 2020
Graduate Studies-MSc
Major: Biological Sciences

Course	Title	Campus	Credit Hours	Grade Mode	Grade	Grade Comment	Quality Points	Repeat
GRAD 7020	Master's Re-registration		0.00		NG		0.00	
Term GPA:		<u>Earned Hours</u>	<u>GPA Hours</u>	<u>GPA</u>				
		0.00	0.00	0.00				

Fall 2020
Graduate Studies-MSc
Major: Biological Sciences
Due to the possible impact of the COVID-19 pandemic on academic performance, students were given the option to exclude a single grade from GPA calculations (grades marked with an *) in each of Fall Term 2020 and Winter Term 2021.

Course	Title	Campus	Credit Hours	Grade Mode	Grade	Grade Comment	Quality Points	Repeat
BIOL 7554	Molecular Biology of Eukaryotes (DNA)		3.00		A+		13.50	
GRAD 7020	Master's Re-registration		0.00		NG		0.00	
GRAD 7300	Research Integrity Tutorial		0.00		PASS		0.00	



**University
of Manitoba**
Winnipeg, Manitoba, Canada

Record of Narges Fatemiyan

Student ID: 007889028
Date of Birth: May 13

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Term GPA: Earned Hours 3.00 GPA Hours 3.00 GPA 4.50

Winter 2021
Graduate Studies-MSc
Major: Biological Sciences

*Due to the possible impact of the COVID-19 pandemic on academic performance, students were given the option to exclude a single grade from GPA calculations (grades marked with an *) in each of Fall Term 2020 and Winter Term 2021.*

Course	Title	Campus	Credit Hours	Grade Mode	Grade	Grade Comment	Quality Points	Repeat
GRAD 7020	Master's Re-registration		0.00		NG		0.00	
Term GPA:			<u>Earned Hours</u> 0.00	<u>GPA Hours</u> 0.00	<u>GPA</u> 0.00			

Summer 2021
Graduate Studies-MSc
Major: Biological Sciences

Course	Title	Campus	Credit Hours	Grade Mode	Grade	Grade Comment	Quality Points	Repeat
GRAD 7020	Master's Re-registration		0.00		NG		0.00	
Term GPA:			<u>Earned Hours</u> 0.00	<u>GPA Hours</u> 0.00	<u>GPA</u> 0.00			

Fall 2021
Graduate Studies-MSc
Major: Biological Sciences

A 35-day faculty strike resulted in the disruption of some courses and no reduction in the total number of instructional days.

Course	Title	Campus	Credit Hours	Grade Mode	Grade	Grade Comment	Quality Points	Repeat
GRAD 7000	Master's Thesis		0.00		PASS			
GRAD 7020	Master's Re-registration		0.00		NG		0.00	
Term GPA:			<u>Earned Hours</u> 0.00	<u>GPA Hours</u> 0.00	<u>GPA</u> 0.00			

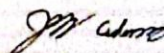
AWARDS HISTORY

2019/2020 Aid Year International Graduate Student Entrance Scholarship

***** End of Document *****

THIS TRANSCRIPT IS OFFICIAL ONLY IF:

- 1) It is printed on Blue/Beige security paper.
- 2) No evidence of alteration is apparent.
- 3) It bears the crest of the University of Manitoba in the centre of the page.


Jeff Adams, University Registrar and
Executive Director of Enrolment Services



**University
of Manitoba**

Winnipeg, Manitoba, Canada

LEGEND

AFFILIATION

Universities Canada, the Association of Commonwealth Universities and the International Association of Universities.

Immigration, Refugees and Citizenship Canada (IRCC) Designated Learning Institution Number: 019091528512

PRE AND POST SEPTEMBER 2006 TRANSCRIPTS

The University of Manitoba course numbering system was revised effective September 2006. The course numbers that appear on pre-September 2006 transcripts include a numeric department number and a three digit course number. Course numbers on post-September 2006 transcripts include a subject code of up to four characters and a four digit course number.

Effective September 2006, each level starts on a separate page.

LEVEL OF STUDY

Non-Degree
Undergraduate
Graduate
Post Graduate Medical Education

GRADE MODE DESCRIPTION

C Challenge for Credit
O Occasional Course: Course is not a requirement of the program.
X Auxiliary Course: Course is not a major requirement of the program but is required/recommended by the student's advisor.

GRADE COMMENTS

CW Compulsory Withdrawal
DISC Discipline
I Incomplete Grade
I NP Incomplete No Paper
NP No Paper

CAMPUS CODE DESCRIPTION

CHB Campus Manitoba
TUS Inter-Universities Services
RRC Red River College
STB pre September 2011 Collège universitaire de Saint-Boniface
post September 2011 Université de Saint-Boniface
UCN University College of the North
UPW University of Manitoba/University of Winnipeg
WCB William & Catherine Booth College

REPEATED COURSE INDICATORS

I Included: Course is included in Earned and GPA Hours and the GPA calculation.
E Excluded: Course is excluded from Term and GPA Hours and the GPA calculation.
A Included in GPA: Course is excluded from Earned Hours but is included in GPA Hours and GPA calculation.

SYSTEMS OF GRADING

From 1946 to August 1967, inclusive, the percentage system of grading was in use at the University of Manitoba. Letter grading commenced in January 1968.

B+ grade introduced in Summer 1969; A+ changed from 4.0 to 4.5 in 1993.

GRADE POINT AVERAGE (GPA)

Effective Winter 2019: only Term GPAs are reported on transcripts.

GRADE DESCRIPTIONS

Grade Symbol	Quality Points	Definition of Grade Symbol
A+	4.5	Exceptional
A	4.0	Excellent
B+	3.5	Very good
B	3.0	Good
C+	2.5	Satisfactory
C	2.0	Adequate
D	1.0	Marginal
F	0.0	Failure
F/NP	0.0	Failure/No Paper
F/CW	0.0	Failure/Compulsory Withdrawal

Grades not included in the computation of the Grade Point Average:

FAIL	0.0	Failure
P, PASS	0.0	Pass
ATTD	0.0	Attended
AU, AUD	0.0	Audit
CMA	0.0	Society of Management Accountants of Manitoba Credit
CO	0.0	Continuing in Course
CR	0.0	Credit (Represents a C or better Grade)
DNA	0.0	Did Not Attend
DM	0.0	Deferred Examination permitted
EXEM	0.0	Exemption
INC	0.0	Incomplete
IP	0.0	In Progress
LP, IP	0.0	Letter of Permission in Progress
NG	0.0	Not Graded
RW	0.0	Required to Withdraw
S	0.0	Standing
SU	0.0	Supplemental Examination permitted
URS	0.0	Substitution
TRAN	0.0	Transfer
VW	0.0	Voluntary Withdrawal
WKS	0.0	Withdrawal from a course that was affected by a faculty strike

P* (Pass) or any letter grade with an asterisk (*) = 0.0

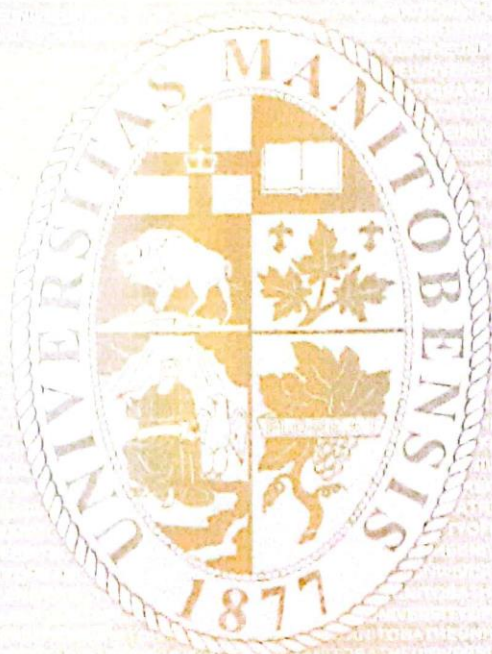
COURSE CLASSIFICATIONS & GRADE CLASSIFICATIONS (Pre-September 2006)

A, AU	Auditor
AV	Rewrite for Average
AX	Auxiliary
C	Ancillary
CH	Taken by Way of Challenge for Credit
CO	Continuing in Course
CP	Composition Poor
CW	Compulsory Withdrawal
DE, DX	Deferred Examination
D, DW	Deferred Writing
I	Incomplete
IU	On Letter of Permission Inter-Universities North Program
LP	On Letter of Permission at Another Institution
M	Major
NP	No Paper
OS	Occasional Student
PI	Previously Reported Incomplete (prior to Sept 1975)
PI	Previously 'Continuing in Course' (effective Sept 1985)
R	Reread
RW	Required to Withdraw
S	Standing
SE	Special Examination
SS	Special/Visiting Student (prior to Sept 1979)
SS	Special Student Status (effective Sept 1979)
SP	Spelling Poor
SU	Supplemental Examination
T	Transfer of Credit Within Session
TR	Transfer of Credit (prior to Sept 1999)
TR	Internal Transfer of Credit (effective Sept 1999)
TX	External Transfer of Credit (effective Sept 1999)
VS	Visiting Student (effective Sept 1979)
VW	Voluntary Withdrawal

Further Information: <http://umanitoba.ca/registrar/>

Transcript sent to:

**Narges Fatemiyar
#129-1792 Pembina HWY, WINNIPEG, MANITOBA, CANADA
Winnipeg, Manitoba MB R3T 6G8
Canada**



Web Transcript (Unofficial)

11/28/23, 7:08 PM

Web Transcript

Web Transcript

Nov 28, 2023 06:06 pm



For further information on the contents of your transcript, please refer to the [Transcript Legend](#).

This is not an official transcript. Courses which are in progress may also be included on this transcript. Some transferred credit may not apply to your current program; please check with your faculty advisor.

Institution Credit Transcript Totals

Transcript Data

STUDENT INFORMATION

Curriculum Information

Current Program:

Program: Graduate Studies-MSc
Faculty: Faculty of Graduate Studies
Campus: Main (Fort Garry & Bannatyne)
Major: Biological Sciences

Transcript type:WEB is NOT Official

DEGREES

Awarded: M.Sc. **Degree Date:** Feb 16, 2022

Curriculum Information

Primary Degree

Program: Graduate Studies-MSc
Faculty: Faculty of Graduate Studies
Major: Biological Sciences
Master's Thesis: Identifying fundamental mechanisms underlying apical branching morphogenesis in a model fungus *Aspergillus nidulans*

	Attempt Hours	Passed Hours	Earned Hours	GPA Hours	Quality Points	GPA
Institution:	6,000	6,000	6,000	6,000	22,50	3,75

INSTITUTION CREDIT -Top-

Term: Fall 2019

College: Faculty of Graduate Studies
Major: Biological Sciences
Student Type: New
Academic Standing:

Subject	Course	Level	Title	Grade	Grade Comment	Grade Change Reason	Credit Hours	Quality Points
BIOL	7100	GR	Core Skills in Biological Sciences Research	B			3,000	9,00
GRAD	7020	GR	Master's Re-registration	NG			0,000	0,00
GRAD	7500	GR	Academic Integrity Tutorial	PASS			0,000	0,00

Term Totals (Graduate)

	Attempt Hours	Passed Hours	Earned Hours	GPA Hours	Quality Points	GPA
Current Term:	3,000	3,000	3,000	3,000	9,00	3,00
Institutional Cumulative:	3,000	3,000	3,000	3,000	9,00	3,00

Unofficial Transcript

https://aurora.umanitoba.ca/ssb/bwskotm_P_ViewTran

1/3

11/28/23, 7:08 PM

Web Transcript

Term: Winter 2020

College: Faculty of Graduate Studies

Major: Biological Sciences

Student Type: New

Academic Standing:

Due to the possible impact of the COVID-19 pandemic on academic performance, students in Winter 2020 were given the option to retain their original grade, exclude their grade from GPA calculations (grades marked with an *), convert their letter grade to Pass (P*) or Voluntarily Withdraw (VW) from the course. For students in Law, all courses were graded as Pass/Fail.

Subject	Course	Level	Title	Grade	Grade Comment	Grade Change Reason	Credit Hours	Quality Points
GRAD	7020	GR	Master's Re-registration	NG			0,000	0,00
IMED	7280	GR	Medical Computational Biology	VW			0,000	0,00

Term Totals (Graduate)

	Attempt Hours	Passed Hours	Earned Hours	GPA Hours	Quality Points	GPA
Current Term:	0,000	0,000	0,000	0,000	0,00	0,00
Institutional Cumulative:	3,000	3,000	3,000	3,000	9,00	3,00

Unofficial Transcript

Term: Summer 2020

College: Faculty of Graduate Studies

Major: Biological Sciences

Student Type: Continuing

Academic Standing:

Subject	Course	Level	Title	Grade	Grade Comment	Grade Change Reason	Credit Hours	Quality Points
GRAD	7020	GR	Master's Re-registration	NG			0,000	0,00

Term Totals (Graduate)

	Attempt Hours	Passed Hours	Earned Hours	GPA Hours	Quality Points	GPA
Current Term:	0,000	0,000	0,000	0,000	0,00	0,00
Institutional Cumulative:	3,000	3,000	3,000	3,000	9,00	3,00

Unofficial Transcript

Term: Fall 2020

College: Faculty of Graduate Studies

Major: Biological Sciences

Student Type: Continuing

Academic Standing:

Due to the possible impact of the COVID-19 pandemic on academic performance, students were given the option to exclude a single grade from GPA calculations (grades marked with an *) in each of Fall Term 2020 and Winter Term 2021.

Subject	Course	Level	Title	Grade	Grade Comment	Grade Change Reason	Credit Hours	Quality Points
BIOL	7554	GR	Molecular Biology of Eukaryotes (DNA)	A+			3,000	13,50
GRAD	7020	GR	Master's Re-registration	NG			0,000	0,00
GRAD	7300	GR	RESEARCH INTEGRITY	PASS			0,000	0,00

Term Totals (Graduate)

	Attempt Hours	Passed Hours	Earned Hours	GPA Hours	Quality Points	GPA
Current Term:	3,000	3,000	3,000	3,000	13,50	4,50
Institutional Cumulative:	6,000	6,000	6,000	6,000	22,50	3,75

Unofficial Transcript

Term: Winter 2021

College: Faculty of Graduate Studies

Major: Biological Sciences

Student Type: Continuing

Academic Standing:

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2/3

Due to the possible impact of the COVID-19 pandemic on academic performance, students were given the option to exclude a single grade from GPA calculations (grades marked with an *) in each of Fall Term 2020 and Winter Term 2021.

Subject	Course	Level	Title	Grade	Grade Comment	Grade Change Reason	Credit Hours	Quality Points
GRAD	7020	GR	Master's Re-registration	NG			0,000	0,00
Term Totals (Graduate)								

	Attempt Hours	Passed Hours	Earned Hours	GPA Hours	Quality Points	GPA
Current Term:	0,000	0,000	0,000	0,000	0,00	0,00
Institutional Cumulative:	6,000	6,000	6,000	6,000	22,50	3,75

Unofficial Transcript

Term: Summer 2021

College: Faculty of Graduate Studies

Major: Biological Sciences

Student Type: Continuing

Academic Standing:

Subject	Course	Level	Title	Grade	Grade Comment	Grade Change Reason	Credit Hours	Quality Points
GRAD	7020	GR	MASTERS REREG	NG			0,000	0,00
Term Totals (Graduate)								

	Attempt Hours	Passed Hours	Earned Hours	GPA Hours	Quality Points	GPA
Current Term:	0,000	0,000	0,000	0,000	0,00	0,00
Institutional Cumulative:	6,000	6,000	6,000	6,000	22,50	3,75

Unofficial Transcript

Term: Fall 2021

College: Faculty of Graduate Studies

Major: Biological Sciences

Student Type: Continuing

Academic Standing:

A 35-day faculty strike resulted in the disruption of some courses and no reduction in the total number of instructional days.

Subject	Course	Level	Title	Grade	Grade Comment	Grade Change Reason	Credit Hours	Quality Points
GRAD	7000	GR	Master's Thesis	PASS			0,000	0,00
GRAD	7020	GR	Master's Re-registration	NG			0,000	0,00
Term Totals (Graduate)								

	Attempt Hours	Passed Hours	Earned Hours	GPA Hours	Quality Points	GPA
Current Term:	0,000	0,000	0,000	0,000	0,00	0,00
Cumulative:	6,000	6,000	6,000	6,000	22,50	3,75

Unofficial Transcript

TRANSCRIPT TOTALS (GRADUATE) -Top-

	Attempt Hours	Passed Hours	Earned Hours	GPA Hours	Quality Points	GPA
Total Institution:	6,000	6,000	6,000	6,000	22,50	3,75
Total Transfer:	0,000	0,000	0,000	0,000	0,00	0,00
Overall:	6,000	6,000	6,000	6,000	22,50	3,75

Unofficial Transcript

RELEASE: 8,7,1

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The University of Manitoba

on the recommendation of the Senate
has conferred on

Narges Fatemiyan

who has completed the prescribed course of study and has passed the required examinations
the Degree of

Master of Science

with all the rights and privileges therein appertaining.

In Testimony Whereof The University of Manitoba has caused its seal to be affixed hereto attested by the signatures of
its proper officers in that behalf this sixteenth day of February, two thousand and twenty-two.

N. H. H. H.
Chancellor

Jane H. H.
Vice-Chancellor, Board of Governors



M. B. B. B.
President

Kelly B.
Acting Dean, Faculty of Graduate Studies

Dec. 7th, 2023

To: Genome Science and Technology Graduate Program, UBC

Re: Applicant **Narges Fatemiyan**

I am writing on behalf of Narges Fatemiyan, who completed and defended her MSc thesis in my lab at the University of Manitoba (Department of Biological Sciences). Narges' thesis focused on the regulation of apical branching in the filamentous fungus *Aspergillus nidulans*. I found Narges to be an ambitious student who is remarkably dedicated to her research and is very eager to learn new skills. I was very pleased with Narges' progress as she progressed through her research, and offer you a strong recommendation for the graduate program to which she has applied.

Narges began her graduate studies in the Department of Biological Sciences in fall 2019. However, the research scientist (an Adjunct Professor in the Department) who recruited her did so under false pretenses (i.e., they were not able to provide the stipend that they had committed to), which forced Narges to seek a different lab for her research. Although I was pleased to step in as her graduate advisor, Narges' ability to work in my lab was initially limited by the onset of the pandemic during the winter 2020 term. As a result, she performed an extensive bioinformatic search for fungal genes with possible roles in branching based on the homology to known morphogenetic genes in neurons. Once we were able to resume lab activities, Narges quickly embraced her project and made great progress phenotyping a large set of protein kinase deletion mutants for branching defects. Narges subsequently performed an additional modified screen of the library, and also added quantitative live imaging to augment her analysis. In the end, Narges' efforts provided new insight into the role of protein kinase A (PKA) and the MAP kinase MpkA in the regulation of branching. Her work will result in a short but important publication likely to be submitted to the Canadian Journal of Microbiology.

Narges possessed relatively little wet lab experience when she started her MSc research. However, with the help of two other research assistants in my lab, Narges quickly picked up new research skills and in short time had earned my complete confidence as an independent researcher. I should add that Narges was aware of her inexperience, and had no hesitation with asking questions and seeking guidance. She quickly achieved competence at basic lab skills with an emphasis on microbiology and microscopy. Moreover, Narges completed a challenging lab-based graduate course with Dr. Mark Belmonte (UM Biological Sciences) to further hone her molecular skill set. I had absolutely no reservations about retaining Narges to continue a more molecular-focused research project in my lab. Indeed, had I not left the University of Manitoba for an administrative position at Iowa State University, I would have gladly offered Narges the opportunity to continue her research in my lab as a PhD student.

Narges' true interests lie in human genetics and genomics. She is slowly building a foundation of skills and knowledge that will enable her to ultimately pursue either an academic or industry career with this focus. The opportunity to join your graduate program would represent a key step in this progression. Narges would bring her reliability, integrity, dedication, and ambition to her work as a graduate student. She is exceptionally well-organized and despite not being a native speaker of English, her communication skills are excellent and improving. I will add that her written English is good but still

needs work. Narges is also a terrific lab citizen – she was widely respected in the lab and readily fit in with the larger group of grad students and undergraduate researchers.

All-in-all, I highly recommend Narges for admission to your program. I was impressed by Narges' progress during her time in my lab and consider her a promising candidate for future success. Accordingly, I strongly urge you to give her application your utmost consideration.

Sincerely,

Steve *Steven Harris*

Steven Harris, Professor and Chair
Department of Plant Pathology, Entomology, and Microbiology
Iowa State University
1344 ATRB, 2213 Pammel Dr.
Ames, IA 50011
USA

stevenh1@iastate.edu

515-294-2149

Dr. Jeffrey M. Marcus

Associate Head Undergraduate:
Student Experience
Department of Biological Sciences
University of Manitoba

318 Buller
Winnipeg, Manitoba
Canada R3T 2N2
Telephone (204) 474-6019
Fax (204) 474-7604
Jeffrey.Marcus@umanitoba.ca



December 5, 2023

RE: Confidential Assessment of **Narges Fatemiyan**

To Who it May Concern:


Narges Fatemiyan came to Canada in September 2019 to earn an MSc Degree with a researcher at the National Microbiology Laboratory (NML) in Winnipeg. This researcher had recently been designated as an Adjunct faculty member of the Department of Biological Sciences so that he could supervise students for graduate study. Unfortunately, this researcher told neither Ms. Fatemiyan nor the Department of Biological Sciences that his job description at the NML precluded him from supervising graduate students and prevented him from using his research funding to support graduate student stipends. All of this became apparent only after Ms. Fatemiyan had travelled from Iran to Canada to begin her studies. These events have resulted in the NML researcher being stripped of his Adjunct status in Biological Sciences, structural changes in the process by which Adjunct appointments are granted in the department, and changes in how the committees of graduate students supervised by Adjuncts are created and organized. I met Narges for the first time in October 2019 as a representative of the Department Graduate Committee as we tried to find her a suitable alternative supervisor, arrange for stipend support, and assemble an advisory committee to guide her through her graduate work. Eventually, our Department Head, Dr. Steve Harris, agreed to serve as her MSc. Supervisor and I became one of the members of Narges's advisory committee.

After this inauspicious start and a forced major change in research focus to accommodate the needs and expertise of a new supervisor, many new graduate students would become despondent and unproductive. Yet, Narges did something quite different. Even when the situation was further complicated by COVID and Steve's departure to become a department head in the US, Narges embraced her new project in Dr. Harris' laboratory, learned many new techniques in fungal cell culture and microscopy, and worked independently to create the data sets that make up her MSc. thesis. That she could manage to be so productive under such adverse circumstances says a lot about Narges' abilities, determination, and work ethic. With all of that said, because of COVID I did not have the opportunity to see Narges at work in person in a laboratory setting.

Narges is a very pleasant and polite person. I think that she would fit in well into many research groups. Her English language skills are a bit uneven. Her spoken English is good, and I think she reads well, but her written English still needs work. Narges would do well in a setting where either the expectations for written work are modest, where her writing would receive substantial editorial support, or where she will have training opportunities to further develop her writing skills.

Overall, I think Narges has considerable potential as a scientific researcher and I can give her a positive recommendation. Please let me know if I can supply you with additional information about her candidacy.

Very sincerely,

A handwritten signature in blue ink, appearing to read "Jeffrey Marcus", with a stylized, cursive script.

Dr. Jeffrey M. Marcus

Professor

204-474-6019

jeffrey.marcus@umanitoba.ca