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Huizar, Francisco J

Date Issued: 12-MAR-2022

Student ID: XXXXX7929 Page: 1

Birth Date: 11-24-XXXX

Issued To: Francisco Huizar

Parchment DocumentID: 38168572

fhuizar@nd.edu

Course Level: Graduate

Program: PHD - Bioengineering College: College of Engineering

Major: Bioengineering

				UND	SEMESTE	R TOTALS	1	O	VERALL T	OTALS	
CRSE ID	COURSE TITLE	CRS GRD	QPTS	ATTEMP	EARNED	GPA	GPA	ATTEMP	EARNED	GPA	GPA
		HRS		HRS	HRS	HRS		HRS	HRS	HRS	
	' NOTRE DAME CREDIT:										
Fall Semester											
_	Engineering										
ACMS 60786	Applied Linear Models	3.000 A	12.000								
AME 50571	Biomaterials	3.000 A	12.000								
BIOS 60318	Introduction to Biocomputing	3.000 A	12.000								
BIOS 60531	Molecular Biology I	3.000 B	9.000								
BIOS 62318	Intro to Biocomputing Tutorial	0.000 s	0.000								
CBE 63001	Graduate Seminar	1.000 s	0.000								
Good Standing	†	Total	45.000	13.000	13.000	12.000	3.750	13.000	13.000	12.000	3.750
Spring Semest											
	Engineering		111								
ACMS 60801	Statistical Inference	3.000 A-	11.001								
AME 60770	Stem Cell Engineering	3.000 A	12.000								
BIOS 60532	Molecular Biology II	2.000 A	8.000								
BIOS 67525	Medical Sciences Colloquium	1.000 A	4.000								
CBE 63001	Graduate Seminar	1.000 s	0.000								
-		Total	35.001	10.000	10.000	9.000	3.889	23.000	23.000	21.000	3.810
Summer Sessio	n 2019										
	Engineering										
ACMS 60849	Intermediate Probability	3.000 B+	9.999								
ACMD 00019	incermediate Flobability		ONTINUED ON	DACE 2							
		C	CONTINUED ON	PAGE 2							

Huizar, Francisco J
Student ID: XXXXX7929

Date Issued: 12-MAR-2022
Page: 2

Birth Date: 11-24-XXXX

						SEMESTE	-		-	VERALL I	-	
CRSE ID	COURSE TITLE	CRS HRS	GRD	QPTS	ATTEMP HRS	EARNED HRS	GPA HRS	GPA	ATTEMP HRS	EARNED HRS	GPA HRS	GPA
University o	f Notre Dame Information continu	ied:										
		Total		9.999	3.000	3.000	3.000	3.333	26.000	26.000	24.000	3.750
Fall Semester												
	Engineering	2 222	_	11 001								
ACMS 60640	Intro Mathematical Biology	3.000		11.001								
ACMS 60885	Applied Bayesian Statistics	3.000		12.000								
CBE 63001	Graduate Seminar	1.000		0.000								
EE 60632	Intro Systems Biology	4.000	A	16.000	11 000	11 000	10 000	2 000	25 000	25 000	24 000	2 504
-		Total		39.001	11.000	11.000	10.000	3.900	37.000	37.000	34.000	3.794
Spring Semes	ter 2020											
	pring 2020 semester, a global he	aal+h										
	quired significant changes to	sarcii										
coursework	Unusual enrollment patterns											
	eflect the tumult of the time.											
	Engineering											
ACMS 60883	Applied Generalized Linear	3.000	Δ	12.000								
ACMS 00003	Models	3.000	^	12.000								
CBE 63001	Graduate Seminar	1.000	ď	0.000								
CBE 68901	Research and Dissertation	8.000		0.000								
-	Research and Dissertation	Total		12.000	12,000	12.000	3.000	4.000	49.000	49.000	37.000	3.811
		TOCAL		12.000	12.000	12.000	3.000	1.000	13.000	13.000	37.000	3.011
Summer Sessi	on 2020											
	Engineering											
	O System and Technology: R	2.000	Α	8.000								
	O System and Technology: Python	2.000		8.000								
110115 01052 5	o bybeem and recimiology. Tython	Total	1/1	16.000	4.000	4.000	4.000	4.000	53,000	53.000	41.000	3.829
		10041				1.000	000	1.000	33.000	23.000	-1.000	5.025
Fall Semeste	r 2020											
	Engineering											
AME 70779	Stat Comp Methods for Sci & Eg	4.000	A	16.000								
CBE 63001	Graduate Seminar	1.000		0.000								
CBE 68901	Research and Dissertation	4.000		0.000								
-		Total	-	16.000	9.000	9.000	4.000	4.000	62.000	62.000	45.000	3.844
Spring Semes	ter 2021											
College of	Engineering											
=			~		T DAGE 3							

CONTINUED ON PAGE 3

# **UNIVERSITY OF NOTRE DAME**

## **NOTRE DAME, INDIANA 46556**

Huizar, Francisco J
Student ID: XXXXX7929

Date Issued: 12-MAR-2022
Page: 3

Birth Date: 11-24-XXXX

				UND	SEMESTE	R TOTAL	S	-	VERALL I	OTALS	
CRSE ID	COURSE TITLE	CRS GRD HRS	QPTS	ATTEMP HRS	EARNED HRS	GPA HRS	GPA	ATTEMP HRS	EARNED HRS	GPA HRS	GPA
University o	of Notre Dame Information conti	nued:									
AME 70790 CBE 60499	Adv.Topics Mach. Learn Nonlinear and Stochastic Optimization	4.000 A- 3.000 B	14.668 9.000								
CBE 63001 CBE 68901	Graduate Seminar Research and Dissertation	1.000 S 1.000 S Total	0.000 0.000 23.668	9.000	9.000	7.000	3.381	71.000	71.000	52.000	3.782
-	Engineering	65									
CBE 63001 CBE 68901	Graduate Seminar Research and Dissertation	1.000 S 9.000 S Total	0.000 0.000 0.000	10.000	10.000	0 000	0.000	91 000	81.000	52.000	2 702
		IOCAI	4 4	10.000	10.000	0.000	0.000	01.000	01.000	32.000	3.702
Spring Semes											
	I Graduate Seminar I Research and Dissertation	9.000 1	N PROGRESS N PROGRESS								
******	In Progress Credits 1 ************************************	0.000	*****	*****	*****	*****	******	*****	******	******	*****
NOTRE DAME	Ehrs: 81.000 QPts: GPA-Hrs: 52.000 GPA:	196.6 3.7									
TRANSFER	Ehrs: 0.000 QPts: GPA-Hrs: 0.000 GPA:	0.0									
OVERALL	Ehrs: 81.000 QPts: GPA-Hrs: 52.000 GPA:	196.6 3.7									
********	******** END OF TRANSCRIPT *	******	*****	******	*****	*****	*****	******	*****	******	*****

#### **CAMPUS CODES**

All courses taught at an off campus location will have a campus code listed before the course title.

The most frequently used codes are:

AF	Angers, France
DC	Washington, DC
FA	Fremantle, Australia
IA	Innsbruck, Austria
IR	Dublin, Ireland
LA	London, England (Fall/Spring)
LE	London, England (Law-JD)
LG	London, England (Summer EG)
LS	London, England (Summer AL)

PA Perth, Australia
PM Puebla, Mexico
RE Rome, Italy

RI Rome, Italy (Architecture)

SC Santiago, Chile SP Toledo, Spain

> For a complete list of codes, please see the following website: <u>http://registrar.nd.edu/pdf/campuscodes.pdf</u>

#### **GRADING SYSTEM - SEMESTER CALENDAR**

Previous grading systems as well as complete explanations are available at the following website:

http://registrar.nd.edu/students/gradefinal.php

#### August 1988 - Present

Letter	Point	
Grade	Value	Legend
Α	4	
A-	3.667	
B+	3.333	
В	3	
B-	2.667	
C+	2.333	
С	2	Lowest passing grade for graduate students.
C-	1.667	
D	1	Lowest passing grade for undergraduate students.
F	0	Failure
F*	0	No final grade reported for an individual student (Registrar assigned).
Х	0	Given with the approval of the student's dean in extenuating circumstances beyond the control of the student. It reverts to "F" if not changed within 30 days after the beginning of the next semester in which the student is enrolled.

Incomplete (reserved for advanced students in advanced studies courses only). It is a temporary and unacceptable grade indicating a failure to complete work in a course. The course work must be completed and the "I" changed according to the appropriate Academic Code.

U Unsatisfactory work (courses without semester credit hours, as well as research courses, departmental seminars or colloquia or directed studies; workshops; field education and skill courses).

#### Grades which are not Included in the Computation of the Average

- S Satisfactory work (courses without semester credit hours, as well as research courses, departmental seminars or colloquia or directed studies; workshops; field education and skill courses).
- V Auditor (Graduate students only).
- W Discontinued with permission. To secure a "W" the student must have the authorization of the dean.
- P Pass in a course taken on a pass-fail basis.
- NR Not reported. Final grade(s) not reported by the instructor due to extenuating circumstances.
- NC No credit in a course taken on a pass-no credit basis.

For current and historical grade point averages by class, as well as additional information regarding prior grading policies and current distribution ranges, see: http://registrar.nd.edu/students/gradefinal.php

#### THE LAW SCHOOL GRADING SYSTEM

The current grading system for the law school is as follows: A (4.000), A-(3.667), B+ (3.333), B (3.000), B-(2.667), C+(2.333), C (2.000), C-(1.667), D (1.000), F or U (0.000).

Effective academic year 2011-2012, the law school implemented a grade normalization policy, with mandatory mean ranges (for any course with 10 or more students) and mandatory distribution ranges (for any course with 25 or more students). For Legal Writing (I & II) only, the mean requirement will apply but the distribution requirement will not apply. The mean ranges are as follows: for all first-year courses (except for the first-year elective, which is treated as an upper-level course), the mean is 3.25 to 3.30; for large upper-level courses (25 or more students), the mean is 3.25 to 3.35; for small upper-level courses (10-24 students), the mean is 3.15 to 3.45.

For current and historical grade point averages by class, as well as additional information regarding prior grading policies and current distribution ranges, see: http://registrar.nd.edu/students/gradefinal.php

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CHUCK HURLEY, UNIVERSITY REGISTRAR

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#### COURSE NUMBERING SYSTEM

Previous course numbering systems (prior to Summer 2005) are available at the following website:

http://registrar.nd.edu/faculty/course\_numbering.php

Beginning in Summer 2005, all courses offered are five numeric digits long (e.g. ENGL 43715).

The first digit of the course number indicates the level of the course.

ENGL 0 X - XXX = Pre-College course

ENGL 1 X - XXX = Freshman Level course

ENGL 2 X - XXX = Sophomore Level course

ENGL 3 X - XXX = Junior Level course

ENGL 4 X - XXX = Senior Level course

ENGL 5 X - XXX = 5th Year Senior / Advanced Undergraduate Course

ENGL 6 X - XXX = 1st Year Graduate Level Course

ENGL 7 X - XXX = 2nd Year Graduate Level Course (MBA / LAW)

ENGL 8 X - XXX = 3rd Year Graduate Level Course (MBA / LAW)

ENGL 9 X - XXX = Upper Level Graduate Level Course

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