

AT THE UNDERGRADUATE LEVEL
* * * * * ACADEMIC PROGRAM * * * * *

Admitted From: UNIVERSITY OF MIAMI
School: ARTS & SCIENCES
Division: COLLEGE OF ARTS & SCIENCES
Degree Program: BACHELOR OF ARTS
Major: MATHEMATICAL ECONOMICS
Minor: STATISTICS

* * * * * DEGREES AWARDED * * * * *

05-20-19 BACHELOR OF ARTS
CUM LAUDE

* * * * * UNIVERSITY OF PENNSYLVANIA COURSE WORK * * * * *

Fall 2017 COLLEGE OF ARTS & SCIENCES
ECON 102 INTERMED MACROECONOMICS 1.00 CU A-
ECON 222 MICROECONOMETRICS 1.00 CU A-
(Quantitative Data Analysis Course)
MATH 170 IDEAS IN MATHEMATICS 1.00 CU A
MATH 240 CALCULUS III 1.00 CU B
PSCI 213 LATIN AMERICAN POLITICS 1.00 CU A
STAT 430 PROBABILITY 1.00 CU C-
Term Statistics: 6.00 CU GPA 3.35
Cumulative: 6.00 CU GPA 3.35

Spring 2018 COLLEGE OF ARTS & SCIENCES
ECON 252 INTERNATIONAL FINANCE 1.00 CU A
MATH 360 ADVANCED CALCULUS 1.00 CU A
PHIL 247 MARX 1.00 CU B+
STAT 433 STOCHASTIC PROCESSES 1.00 CU B-
STAT 435 FORECASTING METHODS MGMT 1.00 CU A
Term Statistics: 5.00 CU GPA 3.60
Cumulative: 11.00 CU GPA 3.46

Fall 2018 COLLEGE OF ARTS & SCIENCES
ECON 244 MACRO-MODELING 1.00 CU A
ECON 300 HONORS SEMINAR 1.00 CU A
ECON 681 MICROECONOMIC THEORY 1.00 CU B+
ENGL 210 CRITICAL-CREATIVE LIT. : JOYCE'S
ULYSSES: MAKING READINGS 1.00 CU A-
URBS 480 LIBERATION & OWNERSHIP 1.00 CU A+
Term Statistics: 5.00 CU GPA 3.80
Cumulative: 16.00 CU GPA 3.57

Spring 2019 COLLEGE OF ARTS & SCIENCES
BIOL 017 THE BIOLOGY OF FOOD 1.00 CU B
ECON 300 HONORS SEMINAR 1.00 CU A
ENVS 100 INTRODUCTION TO ENVIRONMENTAL
SCIENCE 1.00 CU C+
(Quantitative Data Analysis Course)
MATH 361 ADVANCED CALCULUS 1.00 CU B
STAT 432 MATHEMATICAL STATISTICS 1.00 CU A
Term Statistics: 5.00 CU GPA 3.26
Cumulative: 21.00 CU GPA 3.50
Equivalent Credit: 22.00 CU
Total Credit: 43.00 CU

* * * * * PENN EQUIVALENT CREDIT * * * * *

External Transfer Credit:
UNIVERSITY OF MIAMI
CIS 110 1.00 CU
COML 125 1.00 CU
ECON 001 1.00 CU
ECON 002 1.00 CU
ECON 101 1.00 CU
ECON 104 1.00 CU
ECON 212 1.00 CU
ECON 298 1.00 CU
HIST 196 1.00 CU
HSOC FREE 1.00 CU
LALS FREE 1.00 CU
MATH 103 1.00 CU
MATH 104 1.00 CU
MATH 114 1.00 CU
MATH 203 1.00 CU
MATH 312 1.00 CU
PSCI 197 1.00 CU
PSCI 197 1.00 CU
STAT FREE 1.00 CU
STAT 111 1.00 CU
STAT 431 1.00 CU
WRIT 013 1.00 CU

Total Penn Equivalent Credit Awarded: 22.00 CU

* * * * * NO ENTRIES BEYOND THIS POINT * * * * *

54018227
Student ID

Sex

###-##
SSN

UNIVERSITY
OF MIAMI



MIAMI

CORAL GABLES, FLORIDA 33124

01/17/2017

Alcala, Manuel

Other Institutions Attended

Cypress Bay High School
18600 Vista Park Blvd
Weston, FL 33332-2113

External Degrees

Cypress Bay High School
HIGH SCHOOL DIPLOMA 05/31/2015

Cognates

Arts & Humanities Cognate
Not Selected
Not Completed

People & Society Cognate
Not Selected
Not Completed

STEM Cognate
Not Selected
Not Completed

Test Credits

Test Credits Applied Toward Undergraduate Arts & Sciences

FA 2015

Course		Course Title	Attempted	Earned	Grade	Qty.Pts
BIL	101	INTR BIOLOGICL SCI	3.000	3.000	CR	0.000
ENG	106	ENG COMP II	3.000	3.000	CR	0.000
ENG	105	ENG COMPOSITION I	3.000	3.000	CR	0.000
POL	202	INTRO.COMPAR. POLIT	3.000	3.000	CR	0.000
POL	201	INTRO AME NATL GOV	3.000	3.000	CR	0.000
Test Trans GPA: 0.000 Transfer Totals:			15.000	15.000		0.000

Beginning of Undergraduate Record

Fall 2015

Undergraduate Arts & Sciences
Undeclared Arts & Sciences Major

Course	Course Title	Attempted	Earned	Grade	Qty.Pts
ECO 211	ECON PRIN & PROBS	3.000	3.000	B	9.000
Instructor: ECO 212	David Spigelman				
ECO 212	ECON PRIN & PROBS	3.000	3.000	A+	12.000
Instructor: ENG 202	Jerome Krief				
ENG 202	WLD LT MSTRPCES II	3.000	3.000	A	12.000
Instructor: MTH 161	Writing Credit				
MTH 161	Barry Devine	4.000	4.000	A	16.000
Instructor: POL 203	CALCULUS I				
POL 203	Christopher Langdon	3.000	3.000	A	12.000
Instructor: UMX 100	INTRO.INTNL REL.				
UMX 100	Elton Skendaj	0.000	0.000	A	0.000
Instructor:	UMX 100				
	Mykel Mangrum Billups				
	Mario Diaz				
UM Semester GPA 3.813			Earned Credits 16.000	Graded Credits 16.000	Qty.Pts 61.000
			Sem Course/Test Transfer Totals 15.000		
			Semester Combined Totals 31.000	16.000	61.000
UM Cum GPA 3.813			UM Cumulative Totals 16.000	16.000	61.000
			Cum Course/Test Transfer Totals 15.000		
			Cum Combined Totals 31.000		

Term Honor: PROVOST'S HONOR ROLL & DEAN'S LIST

Academic Standing Effective 12/22/2015: Good Standing

Spring 2016

Undergraduate Arts & Sciences
Economics Major
Political Science Major
Mathematics Minor

Course	Course Title	Attempted	Earned	Grade	Qty.Pts
ECO 302	MICRO ECON THEORY	3.000	3.000	A	12.000
Instructor: ECO 444	Ilwoo Hwang				
ECO 444	GAME THEORY	3.000	3.000	A	12.000
Instructor: MTH 162	Konrad Grabiszewski				
MTH 162	CALCULUS II	4.000	4.000	A	16.000
Instructor: MTH 224	Norma Agras				
MTH 224	INTRO PROB & STAT	3.000	3.000	A-	11.100
Instructor: POL 387	Victor Pestien				
POL 387	POL OF MIDDLE EAST	3.000	3.000	A	12.000
Instructor: POL 402	Bradford McGuinn				
POL 402	LATINO POL	3.000	3.000	A	12.000
Instructor:	Joseph Uscinski				
UM Semester GPA 3.953			Earned Credits 19.000	Graded Credits 19.000	Qty.Pts 75.100
			UM Semester Totals		

54018227
Student ID

Sex

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SSN

UNIVERSITY
OF MIAMI

01/17/2017

Alcala, Manuel



CORAL GABLES, FLORIDA 33124

UM Cum GPA 3.889 UM Cumulative Totals 35.000 35.000 136.100
Cum Course/Test Transfer Totals 15.000
Cum Combined Totals 50.000

Term Honor: PROVOST'S HONOR ROLL & DEAN'S LIST

Academic Standing Effective 05/10/2016: Good Standing

Fall 2016

Undergraduate Arts & Sciences
Economics Major
Political Science Major
Mathematics Minor

Course	Course Title	Attempted	Earned	Grade	Qty Pts
CSC 120	COMPUTER PROG I	4.000	4.000	A+	16.000
Instructor:	Mitsunori Ogihara				
ECO 430	APPL ECONOMETRICS	3.000	3.000	A	12.000
Instructor:	Nestor Calónico				
ECO 499	SPECIAL TOPICS	3.000	3.000	A	12.000
Instructor:	Konrad Grabiszewski				
MTH 210	INTRO. LINEAR ALGE	3.000	3.000	A-	11.100
	Honors Credit				
Instructor:	Michelle Galloway				
MTH 230	INTRO ABSTRACT MTH	3.000	3.000	A-	11.100
Instructor:	Subramanian Ramakrishnan				
POL 388	POLITICS OF ISRAEL	3.000	3.000	A	12.000
	Writing Credit				
Instructor:	Bradford McGuinn				

			Earned Credits	Graded Credits	Qty Pts
UM Semester GPA	3.905	UM Semester Totals	19.000	19.000	74.200
UM Cum GPA	3.894	UM Cumulative Totals	54.000	54.000	210.300
		Cum Course/Test Transfer Totals	15.000		
		Cum Combined Totals	69.000		

Term Honor: PROVOST'S HONOR ROLL & DEAN'S LIST

Academic Standing Effective 12/20/2016: Good Standing

Spring 2017

Undergraduate Arts & Sciences
Economics Major
Political Science Major
Mathematics Minor

Course	Course Title	Attempted	Earned	Grade	Qty Pts
ECO 303	MACRO ECON THEORY	3.000	0.000	IP	0.000
Instructor:	Stanimir Morfov				
ECO 512	MATH ECON (II)	3.000	0.000	IP	0.000
Instructor:	Ilwoo Hwang				
MTH 310	MULTIVAR CALCULUS	3.000	0.000	IP	0.000
Instructor:	Brian Coomes				
MTH 542	STATIST ANALYSIS	3.000	0.000	IP	0.000
Instructor:	Liliana Draghici				
POL 536	US HLTH CARE CRIS	3.000	0.000	IP	0.000
Instructor:	Donna Shalala				
POL 582	POL ECO DEVELOP	3.000	0.000	IP	0.000
Instructor:	Karoline Mortensen				
	Maria Gomez-Mera				
UM Semester GPA	0.000	UM Semester Totals	Earned Credits 0.000	Graded Credits 0.000	Qty Pts 0.000
UM Cum GPA	3.894	UM Cumulative Totals	54.000	54.000	210.300
		Cum Course/Test Transfer Totals	15.000		
		Cum Combined Totals	69.000		

End of Unofficial transcript UGRD GRAD