Student Academic Transcript

Academic Transcript

Transcript Level	Transcript Type
All Levels	Unofficial

Student Information Degree Awarded: Institution Credit Transcript Totals

This is not an official transcript. Courses which are in progress may also be included on this transcript.

Student Information

Name Birth Date
Lyman Moreno 20-FEB

Curriculum Information

Current Program:

College
Graduate and
Postdoc Studies

Chemical
Engineering,

Chemical and Biological Engin

Degree Awarded:

Awarded Degree Date

Master of Science 01-Jun-2010

Major

Environmental Engineering

Master's Thesis

Laboratory, Semi-Pilot and Room Scale Control of H2S Emission from Swine Barns Using Nitrite and Molybdate

Awarded Degree Date

Doctor of Philosophy 04-Jun-2018

Major

Chemical Engineering

PhD Thesis

Treatment of Organic Wastewaters Using Microbial Fuel Cell Technology

Institution Credit

Term: 2007 Fall Term

College Major

Graduate Studies Environmental and Research Engineering

Subject	Course	Campus	Level	Title	Grade	Credit Hours	2
CE	824	USask - Main Saskatoon Campus	GS	Advanced Physical Chemical Treatment	82	3.000	
CHE	861	USask - Main Saskatoon Campus	GS	Fundamental Biochemical Engineering	85	3.000	

Subject	Course	Campus	Level	Title	Grade	Credit Hours	Ł
ENVE	990	USask - Main Saskatoon Campus	GS	Seminar	IP	0.000	
ENVE	994	USask - Main Saskatoon Campus	GS	Research - Thesis	IP	0.000	

Term Totals (Graduate Studies Level)	Attempt Hours	Passed Hours	Earned Hours
Current Term	6.000	6.000	6.000
Cumulative	6.000	6.000	6.000

Term: 2008 Winter Term

College Major

Graduate Studies Environmental and Research Engineering

Subject	Course	Campus	Level	Title	Grade	Credit Hours	R
ABE	840	USask - Main Saskatoon Campus	GS	Building Science	70	3.000	
ENVE	990	USask - Main Saskatoon Campus	GS	Seminar	IP	0.000	
ENVE	994	USask - Main Saskatoon Campus	GS	Research - Thesis	IP	0.000	
GSR	985	USask - Main Saskatoon Campus	GS	Introduction to Ethics and Integrity	CR	0.000	
SLSC	871	USask - Main Saskatoon Campus	GS	Research Design and Statistical Analysis in Soil Science	82	3.000	

Term Totals (Graduate Studies Level)	Attempt Hours	Passed Hours	Earned Hours
Current Term	6.000	6.000	6.000
Cumulative	12.000	12.000	12.000

Term: 2008 Spring Term

College Major

Graduate Studies Environmental and Research Engineering

Subject Course	Campus	Level	Title	Grade	Credit Hours	R

Subject	Course	Campus	Level	Title	Grade	Credit Hours	R
ENVE	994	USask - Main Saskatoon Campus	GS	Research - Thesis	IP	0.000	

Term Totals (Graduate Studies Level)	Attempt Hours	Passed Hours	Earned Hours
Current Term	0.000	0.000	0.000
Cumulative	12.000	12.000	12.000

Term: 2008 Summer Term

College Major

Graduate Studies Environmental and Research Engineering

Subject	Course	Campus	Level	Title	Grade	Credit Hours	R	
ENVE	994	USask - Main Saskatoon Campus	GS	Research - Thesis	IP	0.000		

Term Totals (Graduate Studies Level)	Attempt Hours	Passed Hours	Earned Hours	
Current Term	0.000	0.000	0.000	
Cumulative	12.000	12.000	12.000	

Term: 2008 Fall Term

College Major

Graduate Studies Environmental and Research Engineering

Subject	Course	Campus	Level	Title	Grade	Credit Hours
CHE	882	USask - Main Saskatoon Campus	GS	Design of Industrial Waste Treatment Systems	72	3.000
ENVE	990	USask - Main Saskatoon Campus	GS	Seminar	IP	0.000
ENVE	994	USask - Main Saskatoon Campus	GS	Research - Thesis	IP	0.000

Term Totals (Graduate Studies Level)	Attempt Hours	Passed Hours	Earned Hours
Current Term	3.000	3.000	3.000

Term Totals (Graduate Studies Level)	Attempt Hours	Passed Hours	Earned Hours
Cumulative	15.000	15.000	15.000

Term: 2009 Winter Term

College Major

Graduate Studies Environmental and Research Engineering

Subject	Course	Campus	Level	Title	Grade	Credit Hours	R
ENVE	990	USask - Main Saskatoon Campus	GS	Seminar	IP	0.000	
ENVE	994	USask - Main Saskatoon Campus	GS	Research - Thesis	IP	0.000	

Term Totals (Graduate Studies Level)	Attempt Hours	Passed Hours	Earned Hours	
Current Term	0.000	0.000	0.000	
Cumulative	15.000	15.000	15.000	

Term: 2009 Spring Term

College Major

Graduate Studies Environmental and Research Engineering

Subject	Course	Campus	Level	Title	Grade	Credit Hours	R
ENVE	994	USask - Main Saskatoon Campus	GS	Research - Thesis	IP	0.000	

Term Totals (Graduate Studies Level)	Attempt Hours	Passed Hours	Earned Hours	
Current Term	0.000	0.000	0.000	
Cumulative	15.000	15.000	15.000	

Term: 2009 Summer Term

Major

Graduate Studies and Research

Environmental Engineering

Subject	Course	Campus	Level	Title	Grade	Credit Hours	R
ENVE	994	USask - Main Saskatoon Campus	GS	Research - Thesis	IP	0.000	

Term Totals (Graduate Studies Level)	Attempt Hours	Passed Hours	Earned Hours	
Current Term	0.000	0.000	0.000	
Cumulative	15.000	15.000	15.000	

Term: 2009 Fall Term

College

Major

Graduate Studies and Research

Environmental Engineering

Subject	Course	Campus	Level	Title	Grade	Credit Hours	R
ENVE	990	USask - Main Saskatoon Campus	GS	Seminar	CR	0.000	
ENVE	994	USask - Main Saskatoon Campus	GS	Research - Thesis	CR	0.000	

Term Totals (Graduate Studies Level)	Attempt Hours	Passed Hours	Earned Hours
Current Term	0.000	0.000	0.000
Cumulative	15.000	15.000	15.000

Term: 2010 Spring Term

College

Major

Graduate Studies and Research

Subject	Course	Campus	Level	Title	Grade	Credit Hours	R
CHE	996	USask - Main Saskatoon Campus	GS	Research - Dissertation	IP	0.000	

Term Totals (Graduate Studies Level)	Attempt Hours	Passed Hours	Earned Hours	
Current Term	0.000	0.000	0.000	
Cumulative	15.000	15.000	15.000	

Term: 2010 Summer Term

CollegeMajorGraduate StudiesChemicaland ResearchEngineering

9	Subject	Course	Campus	Level	Title	Grade	Credit Hours	R
(CHE	996	USask - Main Saskatoon Campus	GS	Research - Dissertation	IP	0.000	

Term Totals (Graduate Studies Level)	Attempt Hours	Passed Hours	Earned Hours
Current Term	0.000	0.000	0.000
Cumulative	15.000	15.000	15.000

Term: 2010 Fall Term

CollegeMajorGraduate StudiesChemicaland ResearchEngineering

Subject	Course	Campus	Level	Title	Grade	Credit Hours	R
CHE	990	USask - Main Saskatoon Campus	GS	Seminar	IP	0.000	
CHE	996	USask - Main Saskatoon Campus	GS	Research - Dissertation	IP	0.000	

Term Totals (Graduate Studies Level)	Attempt Hours	Passed Hours	Earned Hours
Current Term	0.000	0.000	0.000
Cumulative	15.000	15.000	15.000

Term: 2011 Winter Term

Graduate Studies and Research

Major

Chemical Engineering

Subject	Course	Campus	Level	Title	Grade	Credit Hours	R
CE	825	USask - Main Saskatoon Campus	GS	Biological Waste Water Treatment	85	3.000	
CHE	898	USask - Main Saskatoon Campus	GS	Elec Methods for Biol Fuel Cell	90	3.000	
CHE	990	USask - Main Saskatoon Campus	GS	Seminar	IP	0.000	
CHE	996	USask - Main Saskatoon Campus	GS	Research - Dissertation	IP	0.000	

Term Totals (Graduate Studies Level)	Attempt Hours	Passed Hours	Earned Hours
Current Term	6.000	6.000	6.000
Cumulative	21.000	21.000	21.000

Term: 2011 Spring Term

College

Major

Graduate Studies and Research

Chemical Engineering

Subject	Course	Campus	Level	Title	Grade	Credit Hours	R
CHE	996	USask - Main Saskatoon Campus	GS	Research - Dissertation	IP	0.000	

Term Totals (Graduate Studies Level)	Attempt Hours	Passed Hours	Earned Hours
Current Term	0.000	0.000	0.000
Cumulative	21.000	21.000	21.000

Term: 2011 Summer Term

College

Major

Graduate Studies and Research

Subject	Course	Campus	Level	Title	Grade	Credit Hours	R
CHE	996	USask - Main Saskatoon Campus	GS	Research - Dissertation	IP	0.000	

Term Totals (Graduate Studies Level)	Attempt Hours	Passed Hours	Earned Hours
Current Term	0.000	0.000	0.000
Cumulative	21.000	21.000	21.000

Term: 2011 Fall Term

College Major

Graduate Studies Chemical and Research Engineering

Subject	Course	Campus	Level	Title	Grade	Credit Hours	R
CHE	990	USask - Main Saskatoon Campus	GS	Seminar	IP	0.000	
CHE	996	USask - Main Saskatoon Campus	GS	Research - Dissertation	IP	0.000	

Term Totals (Graduate Studies Level)	Attempt Hours	Passed Hours	Earned Hours
Current Term	0.000	0.000	0.000
Cumulative	21.000	21.000	21.000

Term: 2012 Winter Term

College Major

Graduate Studies Chemical and Research Engineering

Subject	Course	Campus	Level	Title	Grade	Credit Hours	R
CHE	990	USask - Main Saskatoon Campus	GS	Seminar	IP	0.000	
CHE	996	USask - Main Saskatoon Campus	GS	Research - Dissertation	IP	0.000	

Term Totals (Graduate Studies Level)	Attempt Hours	Passed Hours	Earned Hours
Current Term	0.000	0.000	0.000
Cumulative	21.000	21.000	21.000

Term: 2012 Spring Term

College Major
Graduate Studies Chemical

and Research Engineering

Subject	Course	Campus	Level	Title	Grade	Credit Hours	R	
CHE	996	USask - Main Saskatoon Campus	GS	Research - Dissertation	IP	0.000		

Term Totals (Graduate Studies Level)	Attempt Hours	Passed Hours	Earned Hours
Current Term	0.000	0.000	0.000
Cumulative	21.000	21.000	21.000

Term: 2012 Summer Term

College Major
Graduate Studies Chemical

and Research Engineering

Subject	Course	Campus	Level	Title	Grade	Credit Hours	R
CHE	996	USask - Main Saskatoon Campus	GS	Research - Dissertation	IP	0.000	

Term Totals (Graduate Studies Level)	Attempt Hours	Passed Hours	Earned Hours	
Current Term	0.000	0.000	0.000	
Cumulative	21.000	21.000	21.000	

Term: 2012 Fall Term

CollegeMajorGraduate StudiesChemical

and Research Engineering

Subject	Course	Campus	Level	Title	Grade	Credit Hours	R
CHE	990	USask - Main Saskatoon Campus	GS	Seminar	IP	0.000	
CHE	996	USask - Main Saskatoon Campus	GS	Research - Dissertation	IP	0.000	
GSR	989	USask - Main Saskatoon Campus	GS	Introduction to University Teaching	Р	0.000	

Term Totals (Graduate Studies Level)	Attempt Hours	Passed Hours	Earned Hours	
Current Term	0.000	0.000	0.000	
Cumulative	21.000	21.000	21.000	

Term: 2013 Winter Term

College Major

Graduate Studies Chemical and Research Engineering

Subject	Course	Campus	Level	Title	Grade	Credit Hours	R
CHE	990	USask - Main Saskatoon Campus	GS	Seminar	IP	0.000	
CHE	996	USask - Main Saskatoon Campus	GS	Research - Dissertation	IP	0.000	
GSR	989	USask - Main Saskatoon Campus	GS	Introduction to University Teaching	Р	0.000	

Term Totals (Graduate Studies Level)	Attempt Hours	Passed Hours	Earned Hours
Current Term	0.000	0.000	0.000
Cumulative	21.000	21.000	21.000

Term: 2013 Spring Term

College Major

Graduate Studies Chemical and Research Engineering

Subject	Course	Campus	Level	Title	Grade	Credit Hours	R
CHE	996	USask - Main Saskatoon Campus	GS	Research - Dissertation	IP	0.000	

Term Totals (Graduate Studies Level)	Attempt Hours	Passed Hours	Earned Hours	
Current Term	0.000	0.000	0.000	
Cumulative	21.000	21.000	21.000	

Term: 2013 Summer Term

College Major

Graduate Studies Chemical and Research Engineering

Subject	Course	Campus	Level	Title	Grade	Credit Hours	R	
CHE	996	USask - Main Saskatoon Campus	GS	Research - Dissertation	IP	0.000		

Term Totals (Graduate Studies Level)	Attempt Hours	Passed Hours	Earned Hours	
Current Term	0.000	0.000	0.000	
Cumulative	21.000	21.000	21.000	

Term: 2013 Fall Term

College Major

Graduate Studies Chemical and Research Engineering

Subject	Course	Campus	Level	Title	Grade	Credit Hours	R
CHE	990	USask - Main Saskatoon Campus	GS	Seminar	IP	0.000	
CHE	996	USask - Main Saskatoon Campus	GS	Research - Dissertation	IP	0.000	

Term Totals (Graduate Studies Level)	Attempt Hours	Passed Hours	Earned Hours	
Current Term	0.000	0.000	0.000	
Cumulative	21.000	21.000	21.000	

Term: 2014 Winter Term

CollegeMajorGraduate StudiesChemicaland ResearchEngineering

Subject	Course	Campus	Level	Title	Grade	Credit Hours	R
CHE	990	USask - Main Saskatoon Campus	GS	Seminar	IP	0.000	
CHE	996	USask - Main Saskatoon Campus	GS	Research - Dissertation	IP	0.000	
GSR	984	USask - Main Saskatoon Campus	GS	Thinking Critically Professional Skills for Global Citizens	CR	0.000	

Term Totals (Graduate Studies Level)	Attempt Hours	Passed Hours	Earned Hours	
Current Term	0.000	0.000	0.000	
Cumulative	21.000	21.000	21.000	

Term: 2014 Spring Term

College Major

Graduate Studies Chemical and Research Engineering

Subject	Course	Campus	Level	Title	Grade	Credit Hours	R
CHE	996	USask - Main Saskatoon Campus	GS	Research - Dissertation	IP	0.000	

Term Totals (Graduate Studies Level)	Attempt Hours	Passed Hours	Earned Hours	
Current Term	0.000	0.000	0.000	
Cumulative	21.000	21.000	21.000	

Term: 2014 Summer Term

Major

Graduate Studies and Research

Chemical Engineering

Subject	Course	Campus	Level	Title	Grade	Credit Hours	R
CHE	996	USask - Main Saskatoon Campus	GS	Research - Dissertation	IP	0.000	

Term Totals (Graduate Studies Level)	Attempt Hours	Passed Hours	Earned Hours
Current Term	0.000	0.000	0.000
Cumulative	21.000	21.000	21.000

Term: 2014 Fall Term

College

Major

Graduate Studies and Research

Chemical Engineering

Subject	Course	Campus	Level	Title	Grade	Credit Hours	R
CHE	990	USask - Main Saskatoon Campus	GS	Seminar	IP	0.000	
CHE	996	USask - Main Saskatoon Campus	GS	Research - Dissertation	IP	0.000	

Term Totals (Graduate Studies Level)	Attempt Hours	Passed Hours	Earned Hours	
Current Term	0.000	0.000	0.000	
Cumulative	21.000	21.000	21.000	

Term: 2015 Winter Term

College

Major

Graduate Studies and Research

Subject	Course	Campus	Level	Title	Grade	Credit Hours	R
CHE	990	USask - Main Saskatoon Campus	GS	Seminar	IP	0.000	
CHE	996	USask - Main Saskatoon Campus	GS	Research - Dissertation	IP	0.000	

Term Totals (Graduate Studies Level)	Attempt Hours	Passed Hours	Earned Hours
Current Term	0.000	0.000	0.000
Cumulative	21.000	21.000	21.000

Term: 2015 Spring Term

CollegeMajorGraduate StudiesChemicaland ResearchEngineering

Subject	Course	Campus	Level	Title	Grade	Credit Hours	R
CHE	996	USask - Main Saskatoon Campus	GS	Research - Dissertation	IP	0.000	

Term Totals (Graduate Studies Level)	Attempt Hours	Passed Hours	Earned Hours	
Current Term	0.000	0.000	0.000	
Cumulative	21.000	21.000	21.000	

Term: 2015 Summer Term

CollegeMajorGraduate StudiesChemicaland ResearchEngineering

Subject	Course	Campus	Level	Title	Grade	Credit Hours	R
CHE	996	USask - Main Saskatoon Campus	GS	Research - Dissertation	IP	0.000	

Term Totals (Graduate Studies Level)	Attempt Hours	Passed Hours	Earned Hours
Current Term	0.000	0.000	0.000
Cumulative	21.000	21.000	21.000

Term: 2015 Fall Term

Major

Graduate Studies and Research

Chemical Engineering

Subject	Course	Campus	Level	Title	Grade	Credit Hours	R
CHE	990	USask - Main Saskatoon Campus	GS	Seminar	IP	0.000	
CHE	996	USask - Main Saskatoon Campus	GS	Research - Dissertation	IP	0.000	

Term Totals (Graduate Studies Level)	Attempt Hours	Passed Hours	Earned Hours
Current Term	0.000	0.000	0.000
Cumulative	21.000	21.000	21.000

Term: 2016 Winter Term

College

Major

Graduate Studies and Research

Chemical Engineering

Subject	Course	Campus	Level	Title	Grade	Credit Hours	R
CHE	990	USask - Main Saskatoon Campus	GS	Seminar	IP	0.000	
CHE	996	USask - Main Saskatoon Campus	GS	Research - Dissertation	IP	0.000	

Term Totals (Graduate Studies Level)	Attempt Hours	Passed Hours	Earned Hours
Current Term	0.000	0.000	0.000
Cumulative	21.000	21.000	21.000

Term: 2016 Spring Term

College

Major

Graduate Studies and Research

Subject	Course	Campus	Level	Title	Grade	Credit Hours	R
CHE	996	USask - Main Saskatoon Campus	GS	Research - Dissertation	IP	0.000	

Term Totals (Graduate Studies Level)	Attempt Hours	Passed Hours	Earned Hours	
Current Term	0.000	0.000	0.000	
Cumulative	21.000	21.000	21.000	

Term: 2016 Summer Term

CollegeMajorGraduate StudiesChemicaland ResearchEngineering

Subject	Course	Campus	Level	Title	Grade	Credit Hours	R
CHE	996	USask - Main Saskatoon Campus	GS	Research - Dissertation	IP	0.000	

Term Totals (Graduate Studies Level)	Attempt Hours	Passed Hours	Earned Hours	
Current Term	0.000	0.000	0.000	
Cumulative	21.000	21.000	21.000	

Term: 2016 Fall Term

CollegeMajorGraduate StudiesChemicaland ResearchEngineering

Subject	Course	Campus	Level	Title	Grade	Credit Hours	R
CHE	990	USask - Main Saskatoon Campus	GS	Seminar	IP	0.000	
CHE	996	USask - Main Saskatoon Campus	GS	Research - Dissertation	IP	0.000	

Term Totals (Graduate Studies Level)	Attempt Hours	Passed Hours	Earned Hours	
Current Term	0.000	0.000	0.000	
Cumulative	21.000	21.000	21.000	

Term: 2017 Winter Term

Major

Graduate Studies and Research

Chemical Engineering

Subject	Course	Campus	Level	Title	Grade	Credit Hours	R
CHE	990	USask - Main Saskatoon Campus	GS	Seminar	IP	0.000	
CHE	996	USask - Main Saskatoon Campus	GS	Research - Dissertation	IP	0.000	

Term Totals (Graduate Studies Level)	Attempt Hours	Passed Hours	Earned Hours	
Current Term	0.000	0.000	0.000	
Cumulative	21.000	21.000	21.000	

Term: 2017 Spring Term

College

Major

Graduate Studies and Research

Chemical Engineering

Subject	Course	Campus	Level	Title	Grade	Credit Hours	R
CHE	996	USask - Main Saskatoon Campus	GS	Research - Dissertation	IP	0.000	

Term Totals (Graduate Studies Level)	Attempt Hours	Passed Hours	Earned Hours	
Current Term	0.000	0.000	0.000	
Cumulative	21.000	21.000	21.000	

Term: 2017 Summer Term

College

Major

Graduate Studies and Research

Subject	Course	Campus	Level	Title	Grade	Credit Hours	R
CHE	996	USask - Main Saskatoon Campus	GS	Research - Dissertation	IP	0.000	

Term Totals (Graduate Studies Level)	Attempt Hours	Passed Hours	Earned Hours	
Current Term	0.000	0.000	0.000	
Cumulative	21.000	21.000	21.000	

Term: 2017 Fall Term

CollegeMajorGraduate andChemicalPostdoc StudiesEngineering

Subject	Course	Campus	Level	Title	Grade	Credit Hours	R
CHE	990	USask - Main Saskatoon Campus	GS	Seminar	IP	0.000	
CHE	996	USask - Main Saskatoon Campus	GS	Research - Dissertation	IP	0.000	

Term Totals (Graduate Studies Level)	Attempt Hours	Passed Hours	Earned Hours	
Current Term	0.000	0.000	0.000	
Cumulative	21.000	21.000	21.000	

Term: 2018 Winter Term

CollegeMajorGraduate andChemicalPostdoc StudiesEngineering

Subject	Course	Campus	Level	Title	Grade	Credit Hours	R
CHE	990	USask - Main Saskatoon Campus	GS	Seminar	CR	0.000	
CHE	996	USask - Main Saskatoon Campus	GS	Research - Dissertation	CR	0.000	

Term Totals (Graduate Studies Level)	Attempt Hours	Passed Hours	Earned Hours
Current Term	0.000	0.000	0.000
Cumulative	21.000	21.000	21.000

Transcript Totals

Transcript Totals - (Graduate Studies Level)	Attempt Hours	Passed Hours	Earned Hours
Total Institution	21.000	21.000	21.000