



BỘ GIÁO DỤC VÀ ĐÀO TẠO
TRƯỜNG ĐẠI HỌC MỎ - ĐỊA CHẤT
HANOI UNIVERSITY OF MINING AND GEOLOGY

BẢNG ĐIỂM TỐT NGHIỆP ĐẠI HỌC
ACADEMIC TRANSCRIPT

**Hanoi University of Mining and Geology in Academic Partnership
with**

University of California at Davis, USA

ACADEMIC TRANSCRIPT

Student name: **Nguyen Van A** DOB: _____
Student code: _____
Program: **Advanced Program in Chemical Engineering**
Language of Program: **English**
Major: **Oil Refining and Petrochemistry**
Academic years: _____ Training form: **Full Time**
Class: **CTTT K.....**

Year 1 Results (2015-2016)

Code	Unit Title	Credits Awarded	Grade		
			10-scale	4-scale	Letter
HIS 4	Ho Chi Minh's Ideology	2			
CHE 2A	Chemistry 1	5			
MAT 21B	Calculus 2	4			
ECH 80	Chemical Engineering Profession	1			
ECM 5	Analysis in Chemical Engineering	2			
HIS 3	Revolutionary way of Vietnam Communist Party	3			
HIS 2	Principles of Marxism - Leninism 2	3			
CHE 2B	Chemistry 2	5			
HIS 1	Basic Principles of Marxism - Leninism I	2			
MAT 21A	Calculus 1	4			
ENL 1	English 1	4			

Year 2 Results (2016-2017)

Code	Unit Title	Credits Awarded	Grade		
			10-scale	4-scale	Letter
ENL 2	English 2	2			
PHY 9B	Classical Physics 2	5			
PHY 9A	Classical Physics 1	5			
ECM 6	Computers for Chemical and Materials Engineers	4			
ENG 45	Properties of Materials	4			
MAT 21D	Vector Analysis	4			
CHE 129A	Organic Chemistry Laboratory	2			
ECH 51	Material Balance	4			
CHE 2C	Chemistry 3	5			
MAT 21C	Calculus 3	4			
CHE 128A	Organic Chemistry 1	3			
CHE 128B	Organic Chemistry 2	3			
MAT 22A	Linear Algebra	3			

Year 3 Results (2017-2018)

Code	Unit Title	Credits Awarded	Grade		
			10-scale	4-scale	Letter
ECH 152B	Chemical Engineering Thermodynamics 2	4			
ECH 141	Transport Phenomena (Fluids)	4			
ECH 152A	Chemical Engineering Thermodynamics 1	3			
MAT 22B	Differential Equations	3			
ECH 166	Catalysis	3			
ECH 142	Transport Phenomena (Heat)	4			
CHE 110A	Physical Chemistry 1	4			
CHE 115	Instrumental Analysis	4			
PHY 9C	Classical Physics 3	5			
CHE 110B	Physical Chemistry 2	4			
BIS 102	Biomolecules	3			
HIS 5	General Law	2			
ECH 140	Mathematical Methods in Biochemical and Chemical	4			

Year 4 Results (2018-2019)

Code	Unit Title	Credits Awarded	Grade		
			10-scale	4-scale	Letter
ECH 155B	Chemical Engineering Laboratory 2	4			
ECH 146	Kinetics	5			
ECH 158B	Design 2	4			
ADECH 02	Oil Refining Technology	4			
EMS 147	Principles of Polymer Materials Science	3			
EMS 180	Materials in Engineering Design	4			
ECH 155A	Chemical Engineering Laboratory 1	4			
ECH 157	Process Control	4			
ECH 143	Transport Phenomena (Mass)	4			
ECH 158A	Design 1	4			
ADECH 01	Chemistry of Petroleum	4			
ECH 160	Fundamental of Biomanufacturing	3			

Year 5 Results (2019-2020)

Code	Unit Title	Credits Awarded	Grade		
			10-scale	4-scale	Letter
ECH 158C	Design 3	4			
THESIS	Thesis Research and Writing	6			
ADECH 03	Gas Conditioning and Processing	4			
ADECH 04	Petrochemical Technology	4			

Total of Credits Awarded: 195/195

GPA, 10-scale:	
GPA, 4-scale:	

Hanoi, 19 May 2021

Authorized by the Rector
Head of Advanced Program Office