



## ANAHUAC UNIVERSITY

CERTIFIES THAT:\*\*\***LOPEZ REYES VANESSA**\*\*\*\*\*UID N°**00240604** STUDIED AND PASSED THE STUDY PROGRAM OF THE:\*\*\*\*\***BACHELOR DEGREE IN BIOTECHNOLOGY**\*\*\*\* WITH AN OFFICIAL ACCREDITATION OF STUDIES BY THE PUBLIC EDUCATION SECRETARY BY MEANS OF AN EXECUTIVE ORDER PUBLISHED IN THE FEDERAL OFFICIAL GAZETTE ON NOVEMBER 26, 1982 AND REGISTRATION CODE \*\***2016**\*\*

**FILE N37069**

### FULL CERTIFICATE OF STUDIES

No.	CODE	SUBJECT	TERM	GRADE	COMM.
<b>ANAHUAC BLOCK</b>					
1	HUM1302	PERSON AND SENSE OF LIFE	E	9.8	EQUIV.
2	HUM1303	UNIVERSITY STUDENT	E	9.9	EQUIV.
3	HUM2301	ETHICS	E	9.4	EQUIV.
4	HUM2302	PERSON AND TRANSCENDENCE	182	9.6	ORD.
5	HUM3301	CLASSIC AND CONTEMPORARY HUMANISM	E	9.0	EQUIV.
6	LDR3301	LEADERSHIP	182	8.5	EQUIV.
<b>PROFESSIONAL BLOCK</b>					
7	ADM1318	THE BEGINNING OF HEALTHCARE BUSINESS	181	8.1	ORD.
8	ADM2302	ENTREPRENEURSHIP AND INNOVATION	192	8.1	ORD.
9	BIO3301	BIOINFORMATICS	181	9.1	ORD.
10	BIO3303	BIOMATERIALS	192	8.7	ORD.
11	BIOT1301	PLANT ANATOMY AND PHYSIOLOGY	171	8.6	ORD.
12	BIOT1302	APPLIED BIOPHYSICS	E	8.9	EQUIV.
13	BIOT1303	GENERAL BIOLOGY	E	9.3	EQUIV.
14	BIOT1304	CALCULUS FOR HEALTH SCIENCES	E	6.2	EQUIV.
15	BIOT1305	HUMAN PHYSIOLOGY	E	8.3	EQUIV.
16	BIOT1306	ORGANIC CHEMISTRY FOR THE STUDY OF BIOLOGICAL SYSTEMS	E	9.3	EQUIV.
17	BIOT1310	APPLIED BIostatISTICS	E	8.7	EQUIV.
18	BIOT1311	INTRODUCTION TO BIOTECHNOLOGY	E	9.2	EQUIV.
19	BIOT2301	GENETICAL ENGINEERING PRINCIPLES	171	9.0	ORD.
20	BIOT2303	APPLIED PHYSICAL CHEMISTRY	E	8.7	EQUIV.
21	BIOT2304	CELLULAR PHYSIOLOGY AND BIOLOGY	172	8.0	ORD.
22	BIOT2305	RESEARCH METHODOLOGY IN BIOTECHNOLOGY	171	7.8	ORD.
23	BIOT2306	GENERAL MICROBIOLOGY	171	8.3	ORD.
24	BIOT2307	INDUSTRIAL MICROBIOLOGY	172	8.6	ORD.
25	BIOT3301	BIOCATALYSIS AND BIOREACTORS	181	8.3	ORD.
26	BIOT3302	MEDICAL BIOTECHNOLOGY	182	8.2	ORD.
27	BIOT3303	ANALYTICAL METHODS	172	8.2	ORD.
28	BIOT3304	MEDICAL MICROBIOLOGY	181	7.9	ORD.
29	BIOT3305	SANITARY MICROBIOLOGY	181	8.3	ORD.
30	BIOT3306	EXPERIMENTAL MODELS	172	8.1	ORD.
31	BIOT4301	AGRO-FOOD BIOTECHNOLOGY	181	8.5	ORD.
32	BIOT4302	PHARMACEUTICAL BIOTECHNOLOGY	182	9.3	ORD.
33	BIOT4303	QUALITY CONTROL IN BIOLOGICAL PRODUCTA AND LABS	191	9.0	ORD.
34	BIOT4304	METABOLOMICS	192	8.6	ORD.
35	BIOT4305	SCIENTIFIC WRITING	E	9.6	EQUIV.
36	BIOT4306	VIROLOGY APPLIED TO BIOTECHNOLOGY	191	8.3	ORD.
37	BIOT4307	BIOREMEDIATION	182	9.3	ORD.
38	BIOT4308	BIOTECHNOLOGY OF ANIMAL SPECIES	191	9.2	ORD.
39	BIOT4309	PHARMACOLOGY AND TOXICOLOGY	181	7.7	ORD.
40	CON1305	ACCOUNTING APPLIED TO HEALTH	172	7.2	ORD.
41	CON1306	ACCOUNTING FOR HEALTH CARE	192	9.3	ORD.
42	DEN2301	PHYSIOLOGY AND PATHOLOGY	171	8.0	ORD.
43	ING4301	TECHNOLOGICAL INNOVATION	191	8.0	ORD.
44	INT3326	PRACTICUM I: FOOD DEVELOPMENT	181	9.7	ORD.
45	INT3327	PRACTICUM II: PHARMACEUTICAL DEVELOPMENT	182	8.5	ORD.
46	INT4362	PRACTICUM III: RESEARCH	191	9.1	ORD.
47	INV4311	RESEARCH AND DEVELOPMENT LABORATORY	191	9.6	ORD.

#### Campus Norte

Av. Universidad Anáhuac núm. 46, col. Lomas Anáhuac,  
Huixquilucan, Estado de México, C.P. 52786  
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#### Campus Sur

Av. De las Torres núm. 131, col. Olivar de los Padres,  
deleg. Álvaro Obregón, Ciudad de México, C.P. 01780  
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48	INV4312	RESEARCH AND DEVELOPMENT PROJECT	192	9.1	ORD.
49	MAT1307	ADVANCED MATHEMATICS	E	7.3	EQUIV.
50	MED4301	EXPERIMENTS DESIGN	182	7.9	ORD.
51	QUI1303	ANALYTICAL CHEMISTRY	E	6.5	EQUIV.
52	QUI1304	GENERAL CHEMISTRY	E	8.7	EQUIV.
53	SLD1301	ANATOMY	E	8.7	EQUIV.
54	SLD2301	GENERAL BIOCHEMISTRY	E	8.0	EQUIV.
55	SLD2302	INTEGRAL ECOLOGY	172	8.7	ORD.
56	SLD2303	BIOSAFETY	E	8.2	EQUIV.
57	SLD3302	BASIC IMMUNOLOGY	181	7.2	ORD.
58	SLD3304	OMIC SCIENCES: GENOMICS AND PROTEOMICS	182	8.7	ORD.
59	SOC2305	SOCIAL RESPONSIBILITY AND SUSTAINABILITY	191	7.8	ORD.

**ELECTIVE BLOCK**

60	BIOT3308	PHARMACEUTICAL GENOMICS	191	7.6	ORD.
61	ECUG0349	EDUCATIONAL WORKSHOP OR ACTIVITY A	192	9.6	ORD.
62	ECUG0350	EDUCATIONAL WORKSHOP OR ACTIVITY B	192	9.7	ORD.
63	ECUG0351	EDUCATIONAL WORKSHOP OR ACTIVITY C	191	9.4	ORD.
64	EIDI0301	GERMAN ELECTIVE I	E	8.5	EQUIV.
65	EIDI0302	GERMAN ELECTIVE II	171	8.7	ORD.
66	ELDR0327	COMMUNICATION SKILLS	E	9.7	EQUIV.
67	INV3305	INTEGRATED RESEARCH IN HEALTH SCIENCES	E	8.4	EQUIV.
68	INV3306	HANDLING OF LAB ANIMALS	E	9.1	EQUIV.
69	MED2303	PHARMACEUTICAL ECONOMICS	172	9.6	ORD.
70	NUT2302	TOXICOLOGY	191	8.8	ORD.
71	NUT3301	FUNCTIONAL FOODS	192	8.5	ORD.

EQUIVALENCE FILE NO. DGAIR/DIR/1286/2016 DATED DECEMBER 8<sup>TH</sup> 2016

NOTHING IS VALID UNDER THIS LINE

GENERAL AVERAGE: 8.61

THIS FULL CERTIFICATE HOLDS 71 SUBJECTS. THE GRADING SCALE RUNS FROM 5 TO 10, MINIMUM PASSING GRADE IS SIX (6). HUIXQUILUCAN, MEXICO ON OCTOBER 09<sup>TH</sup>, 2020.

DRA. SONIA BARNETCHE FRIAS  
ACADEMIC VICERECTOR

LIC. TERESITA HERRERA GONZALEZ  
OFFICE OF THE REGISTRAR

NOTE: THIS DOCUMENT IS A TRUE COPY OF THE OFFICIAL ONE MADE IN SPANISH BY THE ANAHUAC UNIVERSITY.

LIC. JOSÉ LUIS TADEO RIVAS MARTÍNEZ  
DIRECTOR OF SCHOOL ADMINISTRATION





HACE CONSTAR QUE \*\*\*\*\* LOPEZ REYES VANESSA \*\*\*\*\* CON MATRÍCULA \*\*\*\* 00240604 \*\*\*\* CURSO Y ACREDITÓ EL PLAN DE ESTUDIOS DE LICENCIATURA EN BIOTECNOLOGÍA \*\*\*\*\* CON RECONOCIMIENTO DE VALIDEZ OFICIAL DE LA SECRETARÍA DE EDUCACIÓN PÚBLICA CONFORME AL DECRETO PRESIDENCIAL PUBLICADO EN EL D.O.F. DEL VEINTISÉIS DE NOVIEMBRE DE 1982 Y CLAVE DE REGISTRO \*\*\*\*\* 2016 \*\*\*\*\*

FOLIO

N37069

CERTIFICADO DE ESTUDIOS TOTALES

Table with columns: #, Clave, Nombre de las Asignaturas, Per., Cal., Observaciones. It lists various subjects like 'PERSONA Y SENTIDO DE VIDA', 'MATEMÁTICAS SUPERIORES', 'DISEÑO EXPERIMENTAL', etc., with their respective grades and observations.

PROMEDIO GENERAL: 8.61 EL PRESENTE CERTIFICADO TOTAL AMPARA 71 ASIGNATURAS. LA ESCALA DE CALIFICACIÓN ES DE 5 A 10 Y LA MÍNIMA APROBATORIA ES 6.0. HUIXQUILUCAN, MÉXICO, A 09 DE OCTUBRE DE 2020.



Dra. Sonia Barnette Frias VICERRECTORÍA ACADÉMICA

Lic. Teresita Herrera González SERVICIOS ESCOLARES