



**UNIVERSIDAD  
LIBRE**



## Exchange Agreement between Universidad Libre Colombia and Northwestern State University (EEUU)

In recognition of their common interests in developing bilateral relations and being convinced that cooperation between institutes of higher learning contributes to cultural enrichment, scientific progress, and the consolidation of friendship between Universidad Libre, (hereafter “UNILIBRE”), from Colombia, and Northwestern State University, (hereafter “NSU”), located in Natchitoches, the United States of America, agree to establish the following exchange agreement of Academic Cooperation.

### I. General

- Article 1.-** The institutions agree to exchange experiences and information on questions of pedagogy, methodology, organizations, the contents of instruction and the training of faculty and students, as appropriate.
- Article 2.-** The institutions agree to exchange research papers, teaching materials, syllabi, curricula, as well as exhibitions and other materials, as appropriate, illustrating the activity and achievements of both institutions.
- Article 3.-** The institutions agree to exchange faculty members, professional administrators, and students (Undergraduate and Graduate).
- Article 4.-** The institutions agree to help the professors of both parties to carry out joint research projects.
- Article 5.-** The institutions agree to collaborate in educational and cultural programs, including publishing activities of mutual interest and shared access to information networks.

### II. Exchange of Faculty Members

- Article 6.-** Both institutions may exchange faculty members as needed and according to their possibilities.
- Article 7.-** The exchange faculty member shall participate in teaching, delivering lectures or giving special programs such as workshops for people of the receiving country.
- Article 8.-** The host institution will be responsible for transportation from the nearest airport approved by the host institution to the institution's home campus and back. Proper accommodation and payment will be negotiated at each event.

### III. Exchange of Students

- Article 9.-** Both institutions can exchange students: with a maximum of 2 students per academic year, the equivalent of two semesters of exemption from tuition and fees for two semesters per academic year. Room, meal plan, books, and insurance will be the responsibility of the visiting student. The number of exchange students may increase per semester upon prior





**UNIVERSIDAD  
LIBRE**



## Exchange Agreement between Universidad Libre Colombia and Northwestern State University (EEUU)

agreement from both institutions. Both Parties agree as an objective to have a reciprocal balance in the exchange for the duration of the agreement.

**Article 10.-** The exchange of students shall be for (1) study in degree programs (undergraduate and graduate) and (2) participation in research programs, cultural activities, language learning, etc.

**Article 11.-** Exchange students are subject to the Student Code of Conduct, regulations and academic policies of the host university. Any appeal of violations of such policies must follow the procedures of the host university.

**Article 12.-** While participating in the exchange program at the host institution, the exchange student will be responsible for the cost of travel expenses to and from the host country, accommodation in the host country, all books, equipment, consumables, hospitalization, health insurance, and other incidental expenses. The host institution bears no responsibility for providing funds to an exchange student for any purpose.

**Article 13.-** Admission and graduation of exchange students shall be made in accordance with the charter and policies of the host institution.

**Article 14.-** The two universities agree to additionally offer a double degree program governed by the approvals of each program according to annexes.

### IV. Joint Research and Others

**Article 15.-** The institutions agree to carry out joint research on current problems of mutual interest, as appropriate.

**Article 16.-** Both institutions agree to discuss further other proposals relating to future collaboration and exchange, including the possibility of brief exchange visits, joint publications of research, joint patenting and other similar steps, as appropriate.

**Article 17.-** The host institution shall not bear any financial responsibility for visiting staff, except as may be arranged and explicitly documented for specific cases.

### V. Terms of Agreement

**Article 18.-** This Agreement is established for a period of five years, effective on the date of its last signing, but may be terminated early by an institution upon written notice to the other institution as least six months prior to termination. The Agreement will be reviewed in its final year by representatives from both institutions and may be extended by mutual written approval of both institutions. In the event of termination, the institutions shall endeavor to minimize the disruption to students then participating in any programs or activities developed under the auspices of this agreement.

**Article 19.-** Institutions undertake to refrain from using any name, emblem, logo, trademark or other sign associated with the other institution without having previously obtained the written





**UNIVERSIDAD  
LIBRE**



**Exchange Agreement between  
Universidad Libre Colombia and Northwestern State University (EEUU)**

authorization of the other to do so. In addition, this agreement does not grant either party the right to use other trademarks, trade names or service marks of the other.

**Article 20.-** If as a result of the collaborative activities defined under the terms of this agreement, results are produced that have the potential to become INTELLECTUAL PROPERTY, both institutions must immediately notify the other institution of the results and bring together the designated representatives in order to establish an equitable and reasonable distribution of property rights and other interests that may arise from it. Such discussions should at all times endeavor to preserve and continue a harmonious relationship between the two parties. All publications resulting from the collaboration between the two institutions must give due recognition to the other institution for their contributions. In addition, the relationship between the two institutions should be mentioned in all courses and formal presentations resulting from collaboration under the terms set forth in this agreement.

**Article 21.-** Each institution should designate a liaison to oversee and facilitate the implementation of this cooperation agreement. "NSU" appoints the Provost and "UNILIBRE" designate to Chief Executive Officer International and Institutional Relations.


**Article 22.-** Each institution may propose individual amendments to the proposed agreement, subject to its financial viability.

**Article 23.-** Issues not stipulated in this contract will be decided by mutual agreement, which must be in writing. Details of these issues may be included in the appendix to this agreement.

**Article 24.-** Nothing in the agreement shall be executed if the institutions do not have identifiable funds to support the activities.

SIGNED BY

  
Dr. Jorge Alarcón Mño  
President, Universidad Libre

  
Dr. Fernando Dejanón Rodríguez  
Rector, Universidad Libre

Date: \_\_\_\_\_

\_\_\_\_\_  
Dr. Marcus D. Jones  
President, Northwestern State University

Date: \_\_\_\_\_





**UNIVERSIDAD  
LIBRE**



**Exchange Agreement between  
Universidad Libre Colombia and Northwestern State University (EEUU)**

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**ADDENDUM 1  
INTERNATIONAL DUAL DEGREE PROGRAM**

Both universities will agree to provide a dual degree program: Students can transfer from one university to another and meet the graduation requirements for undergraduate, master's and doctoral degrees from the host universities. The host university will award their undergraduate degree to eligible students from the other university upon successful completion of the program. In the first two years of study, students from each university will study at their home university with their faculty, and in the last two years of study, students will come to the destination university campus to fulfill the bachelor's requirements for host universities.

Students will be required to meet the host university's minimum credit hour standard to maintain full-time student status. Libre students will be charged the state tuition fee and NSU students will be charged ordinary tuition. Students must complete all the requirements of the destination university such as prerequisites, general education, and core requirements to receive the degree from the destination university. For the student to meet the requirements, the duration of the program may even exceed 2 years. Each program must submit to the annex established for approvals.

Annex 2 includes class transfer tables between the Business Administration and Economics programs of UNILIBRE in all its sections and Northwestern State Business Administration program, as well as the class transfer table between the public accounting program of UNILIBRE in all its sections and the accounting program at Northwestern State University. Annex 3 includes the class transfer table between the Financial Engineering program and the Business Administration program of Northwestern state University of Louisiana





**UNIVERSIDAD  
LIBRE**



**Exchange Agreement between  
Universidad Libre Colombia and Northwestern State University (EEUU)**

**ADDENDUM 2  
CLASS TRANSFER TABLES FOR DUAL DEGREE PROGRAMS**

**1. FOR THE BUSINESS ADMINISTRATION PROGRAM, IT IS ESTABLISHED:**

Class transfer

Students of the Business Administration program who have taken and passed the subjects from first to fifth semester may continue their studies at Northwestern State University to obtain the degree of Business Administrator from that institution.

Table No. 1. Classes taken and approved UNILIBRE - Business Administration Program

<b>Class Code</b>	<b>Course name</b>	<b>Credits</b>	<b>IH</b>
CEAC20024	Fundamentos de economía	2	2
CEAC20002	Fundamentos de matemáticas	4	4
CEAC20101	Taller de matemáticas	2	2
CEAC20100	Fundamentos de administración	4	4
CEAC20001	Cátedra unilibrista	1	1
CEAC20003	Principios de derecho y constitución	2	2
CEAC20004	Expresión verbal y escrita	2	2
CEAC20005	Cálculo	4	4
CEAC20025	Economía de empresa	2	2
CEAC20011	Emprendimiento e innovación	2	2
CEAC20102	Procesos administrativos	3	3
CEAC20006	Epistemología y metodología de la investigación	2	2
CEAC20027	Derecho comercial	2	2
CEAC20007	Estadística descriptiva	3	3
CEAC20022	Contabilidad financiera	3	3
CEAC20023	Sistemas de costeo	3	3
CEAC20034	Sociología de las organizaciones	2	2
CEAC20103	Dirección y liderazgo	4	4
CEAC20012	Electiva I	2	2
CEAC20018	Derecho laboral y de seguridad social	2	2
CEAC20008	Matemáticas financieras	3	3
CEAC20009	Estadística inferencial	3	3
CEAC20026	Coyuntura económica nacional	2	2
CEAC20032	Fundamentos de mercadeo	3	3
CEAC20104	Gestión del talento humano	4	4
CEAC20105	Organizaciones para la competitividad	2	2
CEAC20016	Modelos de investigación	2	2





**UNIVERSIDAD  
LIBRE**



**Exchange Agreement between  
Universidad Libre Colombia and Northwestern State University (EEUU)**

CEAC20020	Investigación de mercados	3	3
CEAC20028	Presupuestos empresariales	3	3
CEAC20017	Investigación de operaciones	3	3
CEAC20019	Desarrollo e innovación de las organizaciones	3	3
CEAC20029	Comercio y negocios globales	2	2
CEAC20106	Ética profesional	2	2
CEAC20151	Optativa de énfasis I	3	3
<b>TOTAL</b>		<b>89</b>	<b>89</b>

In accordance with the above, Northwestern State University will transfer the following subjects in the Business Administration program with a Management concentration:

Table No. 2. Subjects approved by Northwestern State University

<b>CODE NSU</b>	<b>COURSE UNIVERSIDAD LIBRE</b>
<b>BUAD 1800 (3)</b>	Fundamentos de administración (4)
<b>FA 1010 (3)</b>	Expresión Verbal y escrita (2), ELECTIVA I (2)
<b>ENGL 1020 (3)</b>	ELECTIVA I (2), Epistemología y metodología de la investigación (2);
<b>ENGL 2110 (3)</b>	Modelos de investigación (2), Emprendimiento e Innovación (2)
<b>HISTORY 1010 (3)</b>	Desarrollo e Innovación de las Organizaciones (3)
<b>MATH 1020 (3)</b>	Calculo (4)
<b>MATH 1060 (3)</b>	Fundamentos de matemáticas (4)
<b>UNIV 1000 (1)</b>	Catedra Unilibrista (1)
<b>ACCT 2000 (3)</b>	Contabilidad Financiera (3)
<b>ACCT 2010 (3)</b>	Matemáticas Financieras (3)
<b>BUAD 2200 (3)</b>	Gestión del talento humano (4)
<b>BUAD 2120 (3)</b>	Estadística Inferencial (3)
<b>ECON 2000 (3)</b>	Fundamentos de economía (2) Coyuntura Económica Nacional (1 de 2)
<b>ECON 2010 (3)</b>	Economía de Empresa (2) Coyuntura económica Nacional (1 de 2)
<b>SCI 2010 (3)</b>	Estadística Descriptiva (3)
<b>Academic Elective 1 (3)</b>	Optativa de énfasis I (3)
<b>Academic Elective 2 (3)</b>	Dirección y Liderazgo (3)
<b>BUAD 3250 (3)</b>	Principios de Derecho y constitución (2) Derecho Laboral y seguridad social (2)
<b>CIS 3100 (3)</b>	Procesos administrativos (3)
<b>Marketing 3230 (3)</b>	Fundamentos de mercadeo
<b>Psychology 1010 (3)</b>	Sociología de las organizaciones (2) Ética profesional (2)
<b>Business Elective (3)</b>	Investigación de mercados (3)
<b>Advanced Business Elective (3)</b>	Presupuestos empresariales (3)





**UNIVERSIDAD  
LIBRE**



**Exchange Agreement between  
Universidad Libre Colombia and Northwestern State University (EEUU)**

<b>Advanced Business Elective (3)</b>	Investigación de Operaciones (3)
<b>FIN 2150 (3)</b>	Sistemas de costeo (3)

The student must take the following subjects at Northwestern State University:

Table No. 3. Subjects to take Northwestern State University and approved by unilibre

NSU	Concentrations - Management	HOUR (IH)	Management (110J): (23 semester hours) Business Administration 4900; Management 3220, 4500, 4320, 12 hours of advanced management electives.
NSU	MGT 3220	3	Organization And Management. (3-3-0).
NSU	MGT 3580	3	Operations Management. (3-3-0).
NSU	MGT 4300	3	Strategic Management And Policy. (3-3-0).
NSU	MGT 4320	3	Advanced Management. (3-3-0).
NSU	MGT 4350	3	International Comparative Management. (3-3-0).
NSU	MGT 4500	3	Leadership, Motivation And Power. (3-3-0).
NSU	MGT 4700	3	Management Of Electronic Business. (3-3-0)
NSU	BUAD 3270	3	International Business. (3-3-0).
NSU	BUAD 4900	2	Senior Seminar. (2-2-0).
NSU	CIS 2000	3	Spreadsheet Applications. (3-3-0)
NSU	FIN 3090	3	Business Finance. (3-3-0).
NSU	FIN 4020	3	Financial Markets And Institutions (3-3-0)
NSU	FIN 4200	3	Financial Policies And Practices. (3-3-0).
NSU	SCI 1010	3	Basic Concepts Of Physical Science (3-3-0)
NSU	SCI 1020	3	Basic Concepts Of Biological Science (3-3-0)
NSU	ENGL 1010	3	Composition And Rhetoric I. (3-3-0)
<b>NSU</b>	<b>TOTAL CREDITS TO BE TAKEN AT NSU - UNILIBRE APPROVAL</b>	<b>47</b>	<b>47 HOURS PROGRAM AT NORTHWESTERN STATE UNIVERSITY</b>

Completed and passed the above subjects (table 3) at Northwestern State University and with the official certifications of the respective grades; the classes of the Business Administration study plan will be transferred at UNILIBRE as follows:



Table No. 4. Approved subjects at UNILIBRE Business Administration program.

Código Asignatura	Nombre de la asignatura	Créditos	Hora	Grade	ASIGNATURA	Hour
CEAC20013	Electiva II	2	2	NSU	Science; 1010	3
CEAC20015	Administración financiera	3	3	NSU	Finance 3090	3
CEAC20036	Gerencia de ventas	3	3	NSU	International Comparative	3



**UNIVERSIDAD  
LIBRE**



**Exchange Agreement between  
Universidad Libre Colombia and Northwestern State University (EEUU)**

					Management. 4350	
CEAC20037	Administración de la cadena de suministros	3	3	NSU	Management 3580	3
CEAC20107	Gerencia estratégica	4	4	NSU	Management 4300	3
CEAC20152	Optativa de énfasis II	4	4	NSU	Management 4500	3
CEAC20010	Formulación y gestión de proyectos	3	3	NSU	Management 4320	3
CEAC20021	Seminario de negociación y concertación	2	2	NSU	Management 4500	3
CEAC20030	Finanzas corporativas	3	3	NSU	Finance 4200	3
CEAC20108	Gestión de la productividad y la tecnología	3	3	NSU	Management 3580	3
CEAC20109	Prospectiva y planeación de contingencias	2	2	NSU	Management 4320	3
CEAC20110	Sistemas de control gerencial	2	2	NSU	Buad 3270	3
CEAC20153	Optativa de énfasis iii	3	3	NSU	Management 4500	3
CEAC20031	Finanzas internacionales	3	3	NSU	Finance 4020	3
CEAC20035	Gestión ambiental y responsabilidad social	3	3	NSU	Management 3220	3
CEAC20033	International marketing	2	2	NSU	Management of Electronic Business. (3-3-0) 4700	3
CEAC20111	Simulación gerencial	3	3	NSU	Computer Information Systems 2000	3
CEAC20154	Optativa de énfasis IV	4	4	NSU	Business Administration 4900 (Gran Semester)	2
CEAC20014	Electiva III	2	2	NSU	Science; 1020	3
<b>TOTAL</b>		<b>54</b>	<b>54</b>			



**2. FOR THE ECONOMY PROGRAM, IT IS ESTABLISHED:**

Class Transfer

Students of the Economics program, who have taken and passed the classes from first to fifth semester, will be able to continue their studies at Northwestern State University in order to obtain a Business Administration degree with a concentration in International Business at that institution.

Table No. 5. Subjects studied and approved UNILIBRE - Economics Program





**UNIVERSIDAD  
LIBRE**



**Exchange Agreement between  
Universidad Libre Colombia and Northwestern State University (EEUU)**

<b>COURSE CODE</b>	<b>COURSE NAME</b>	<b>Credits</b>	<b>E</b>
CEAC20002	Fundamentos de Matemáticas	4	4
CEAC20038	Fundamentos de Administración	3	3
CEAC20400	Introducción a la Economía	4	4
CEAC20001	Cátedra Unilibrista	1	1
CEAC20004	Expresión Verbal y Escrita	2	2
CEAC20003	Principios de Derecho y Constitución	2	2
CEAC20012	Electiva I	2	2
CEAC20005	Cálculo I	4	4
CEAC20022	Contabilidad Financiera	3	3
CEAC20403	Microeconomía I	4	4
CEAC20401	Historia Económica General	3	3
CEAC20408	Ética y Economía	2	2
CEAC20013	Electiva II	2	2
CEAC20405	Cálculo II	4	4
CEAC20007	Estadística Descriptiva	3	3
CEAC20404	Microeconomía II	4	4
CEAC20406	Macroeconomía I	4	4
CEAC20402	Historia Económica de Colombia	2	2
CEAC20006	Epistemología y Metodología de la Investigación	2	2
CEAC20009	Estadística Inferencial	3	3
CEAC20017	Investigación de Operaciones	3	3
CEAC20008	Matemáticas Financieras	3	3
CEAC20023	Sistemas de Costeo	3	3
CEAC20407	Macroeconomía II	4	4
CEAC20409	Teoría de Juegos	2	2
CEAC20011	Emprendimiento e Innovación	2	2
CEAC20015	Administración Financiera	3	3
CEAC20411	Pensamiento Económico	4	4
CEAC20412	Técnicas de Medición Económica	2	3
CEAC20410	Economía Internacional	4	4
CEAC20016	Modelos de Investigación	2	2
<b>TOTAL</b>		<b>90</b>	<b>91</b>





**UNIVERSIDAD  
LIBRE**



### Exchange Agreement between Universidad Libre Colombia and Northwestern State University (EEUU)

In accordance with the above, Northwestern State University will transfer the following subjects in the International Business Administration program:

Table No. 6. Subjects approved by Northwestern State University

NSU CODE	UNILIBRE COURSE
BUAD 1800 (3)	Introducción a la economía (4)
FA (3)	Expresión Verbal y escrita (2) Electiva I (2)
ENGL 1020 (3)	Electiva I (2) Epistemología y metodología de la investigación (2);
ENGL 2110 (3)	Modelos de investigación (2). Emprendimiento e Innovación (2)
HISTORY 1010 (3)	Historia Económica General (3)
MATH 1020 (3)	Calculo I (4)
MATH 1060 (3)	Fundamentos de matemáticas (4)
UNIV 1000 (1)	Catedra Unilibrista (1)
ACCT 2000 (3)	Contabilidad Financiera (3)
ECON 2000 (3)	Microeconomía I (3)
ECON 2010 (3)	Macroeconomía I (3)
SCI 2010 (3)	Estadística Inferencial (3)
BUAD 2200 (3)	Pensamiento económico (4)
BUAD 3250 (3)	Principios de Derecho y constitución (2) Historia Económica de Colombia (2)
MGT 3220 (3)	Ética y economía (2) Electiva II (2)
Marketing 3230 (3)	Economía Internacional (4)
Psychology 1010 (3)	Fundamentos de administración (3)
Business Elective (3)	Estadística descriptiva (3)
MGT 4300 (3)	Técnicas de medición económica (2) Teoría de Juegos (2)
ACCT 2010 (3)	Sistemas de Costeo (3)
FIN 2150 (3)	Matemáticas Financieras (3)
Academic Elective 1 (3)	Microeconomía II (4)
Academic Elective 2 (3)	Macroeconomía II (4)
MGT 3580 (3)	Administración Financiera (3)
CIS 2000 (3)	Investigación de Operaciones (3)



The student must take the following courses at Northwestern State University:

Table No. 7. Subjects to take at Northwestern State University and approved by UNILIBRE

NSU	Concentrations - Management	HOUR (IH)	International Business (110L): (23 semester hours) Business Administration 3270, 4000, 4160, 4900, 6 hours of a foreign language, Management 4350, 4700.
NSU	BUAD 2120	3	Basic Business Statistics. (3-3-0).



**UNIVERSIDAD  
LIBRE**



**Exchange Agreement between  
Universidad Libre Colombia and Northwestern State University (EEUU)**

NSU	BUAD 3270	3	International Business. (3-3-0).
NSU	BUAD 4000	3	Reading And Discussion. (3-3-0).
NSU	BUAD 4160	3	U.S. And Foreign Business Centers. (1 To 6-0-0).
NSU	BUAD 4900	2	Senior Seminar. (2-2-0).
NSU	MGT 4320	3	Advanced Management. (3-3-0).
NSU	MGT 4350	3	International Comparative Management. (3-3-0).
NSU	MGT 4700	3	Management Of Electronic Business. (3-3-0).
NSU	FIN 3090	3	Business Finance. (3-3-0).
NSU	FIN 3100	3	3100. Money And Banking. (3-3-0).
NSU	FIN 4200	3	Financial Policies And Practices. (3-3-0).
NSU	CIS 3100	3	Information Systems and Technology in Business. (3-3-0).
NSU	BUAD 3120	3	Buad 3120 – Intermediate Business Statistics. (3-3-0).
NSU	SCI 1010	3	Basic Concepts Of Physical Science (3-3-0)
NSU	SCI 1020	3	Basic Concepts Of Biological Science (3-3-0)
NSU	ENGL 1010	3	Composition And Rhetoric I. (3-3-0)
<b>NSU</b>	<b>TOTAL CREDITS TO BE TAKEN AT NSU - UNILIBRE APPROVAL</b>	<b>47</b>	<b>47 HOURS PROGRAM NORTHWESTERN STATE UNIVERSITY</b>

Note: Students of the Economics program, who access the International Business concentration, must take a second language exam (Spanish) to homologate six (6) credits of the concentration (SPAN 1010/1020/2010)

Word Languages	NSU Credit	HRS Awarded
Spanish with Writing, Level 1	SPAN 1010/1020	6 HRS
Spanish with Writing, Level 2	SPAN 1010/1020/2010	9 HRS

Completed and passed the above subjects at Northwestern State University and with the official transcript; the following subjects of the study plan of the Economics program will be homologated at UNILIBRE as follows:

Table No. 8. Approved subjects in the UNILIBRE Economics program.

COURSE CODE	COURSE NAME	Credits	hrs	Grade	CLASS	Hour
CEAC20010	Formulación y Gestión de Proyectos	3	3	NSU	Management 4320	3
CEAC20030	Finanzas Corporativas	3	3	NSU	Finance 3090	3
CEAC20415	Teoría y Política Monetaria	4	4	NSU	Finance 3100	3
CEAC20413	Econometría I	4	4	NSU	BUAD 2120	3





**UNIVERSIDAD  
LIBRE**



**Exchange Agreement between  
Universidad Libre Colombia and Northwestern State University (EEUU)**

CEAC20451	Optativa I	3	3	NSU	Science: 1010	3
CEAC20416	Crecimiento y Desarrollo Económico	4	4	NSU	Business Administration 3270	3
CEAC20414	Econometría II	4	4	NSU	BUAD 3120	3
CEAC20418	Entorno Económico Internacional	2	3	NSU	Business Administration 3270	3
CEAC20417	Legislación Aduanera y Arancelaria	3	3	NSU	INTERNATIONAL COMPARATIVE MANAGEMENT. 4350	3
CEAC20452	Optativa II	3	3	NSU	Management, 4700	3
CEAC20014	Electiva III	2	2	NSU	Science: 1020	3
CEAC20039	Simulador Gerencial	2	2	NSU	CIS 3100	3
CEAC20421	Economía y Finanzas Públicas	4	4	NSU	Finance 4200	3
CEAC20419	Estructura y Coyuntura Económica	4	4	NSU	Business Administration 4000,	3
CEAC20044	Mercado de Capitales	2	2	NSU	Finance 4200	3
CEAC20420	Importaciones / Exportaciones	4	4	NSU	Business Administration 4160	3
CEAC20453	Optativa III	3	3	NSU	Business Administration 4900 (Grad Semester)	2
<b>TOTAL</b>		<b>54</b>	<b>55</b>			

**3. FOR THE PUBLIC ACCOUNTING PROGRAM, IT IS ESTABLISHED:**

Class Transfer

Students of the Public Accounting program, who have taken and passed the subjects from first to fifth semester, will be able to continue their studies at Northwestern State University in order to obtain the Accounting degree from said institution.

Table No. 9. Subjects taken and approved at UNILIBRE - Public Accounting Program

Course code	Course name	Credits	IH
CEAC20024	Fundamentos de Economía	2	2
CEAC20002	Fundamentos de Matemáticas	4	4
CEAC20003	Principios de Derecho y Constitución	2	2
CEAC20004	Expresión Verbal y Escrita	2	2
CEAC20001	Cátedra Unilibrista	1	1
CEAC20012	Electiva I	2	2
CEAC20300	Ciclo Básico Contable	4	4





**UNIVERSIDAD  
LIBRE**



**Exchange Agreement between  
Universidad Libre Colombia and Northwestern State University (EEUU)**

CEAC20005	Cálculo	4	4
CEAC20025	Economía de Empresa	2	2
CEAC20038	Fundamentos de Administración	3	3
CEAC20027	Derecho Comercial	2	2
CEAC20006	Epistemología y Metodología de la Investigación	2	2
CEAC20301	Ciclo de Ingresos	4	4
CEAC20007	Estadística Descriptiva	3	3
CEAC20026	Coyuntura Económica Nacional	2	2
CEAC20011	Emprendimiento e Innovación	2	2
CEAC20018	Derecho Laboral y de Seguridad Social	2	2
CEAC20008	Matemáticas Financieras	3	3
CEAC20302	Ciclo de Egresos y Administración de Inventarios	4	4
CEAC20305	Teorías Contables	2	2
CEAC20016	Modelos de Investigación	2	2
CEAC20308	Sistemas de Costeo	4	5
CEAC20303	Ciclo de Inversiones y Financiación	4	4
CEAC20306	Contabilidad Ambiental	2	2
CEAC20009	Estadística Inferencial	3	3
CEAC20310	Fundamentos de Mercadeo	1	2
CEAC20319	Gerencia Estratégica Organizacional	2	2
CEAC20013	Electiva II	2	2
CEAC20017	Investigación de Operaciones	3	3
CEAC20304	Ciclo de Estados Financieros	4	5
CEAC20309	Costos Gerenciales	4	4
CEAC20311	Fundamentos y Normatividad Tributaria	3	3
CEAC20315	Aseguramiento y Fundamentos de Control	3	3
<b>TOTAL</b>		<b>89</b>	<b>92</b>

In accordance with the above, Northwestern State University will transfer the following subjects in the ACCOUNTING program:

Table No. 10. Subjects approved by Northwestern State University

NSU CODE	UNIVERSIDAD LIBRE COURSE
BUAD 1800 (3)	Aseguramiento y fundamentos de control (3)
FA 1010 (3)	Expresión Verbal y escrita (2) Electiva I (1 of 2)
ENGL 1020 (3)	Electiva i (1 of 2), Epistemología y metodología de la investigación (2)
ENGL 2110 (3)	Modelos de investigación (2),





**UNIVERSIDAD  
LIBRE**



**Exchange Agreement between  
Universidad Libre Colombia and Northwestern State University (EEUU)**

	Emprendimiento e Innovación (2)
MATH 1020 (3)	Fundamentos de matemáticas (4)
MATH 1060 (3)	Calculo (4)
UNIV 1000 (1)	Catedra Unilibrista (1)
ACCT 1040 (3)	Ciclo básico Contable (4)
ACCT 2000 (3)	Matemáticas Financiera (3) Ciclo de Ingresos (1 of 4)
ACCT 2010 (3)	Ciclo de egresos y administración de inventarios (4)
ECON 2000 (3)	Economía de Empresa (2) Coyuntura económica Nacional (1 of 2)
HISTORY (3)	Principios de Derecho y Constitución (2) Teorías Contables (2)
SCI 2010 (3)	Estadística Inferencial (3)
ECON 2010 (3)	Fundamentos de economía (2) Coyuntura económica Nacional (1 of 2)
BUAD 2120 (3)	Estadística Descriptiva (3)
Psychology 1010 (3)	Fundamentos de administración (3)
BUAD 2200 (3)	Costos Gerenciales (3 of 4)
MGT 3220 (3)	Gerencia Estratégica Organizacional (2) Costos Gerenciales (1 of 4)
Marketing 3230 (3)	Fundamentos de Mercadeo (2) Electiva II (2)
BUAD 3250 (3)	Derecho Laboral y de Seguridad Social (2) Derecho Comercial (2)
MGT 3580 (3)	Sistemas de costeo (4)
Upper Division Accounting Elective (3)	Ciclo de inversiones y financiación (4)
Upper Division Accounting Elective (3)	Ciclo de estados financieros (5)
BUAD 3260 (3)	Derecho Comercial (2) Ciclo de Ingresos (1 of 4)
BUAD 3270 (3)	Fundamentos y normatividad tributaria (3)
Academic Elective (3) A class that is not in Accounting, Administration, Computer Information Systems, Finance, Management, Marketing.	Investigación de operaciones (3)

The student must take the following subjects at Northwestern State University:

Table No. 11. Courses to take Northwestern State University and approved by UNILIBRE

NSU	Accounting	Hour (IH)	Accounting
NSU	ACCT 3060	3	Income Taxes. (3-3-0).
NSU	ACCT 3080	3	Cost Accounting. (3-3-0).
NSU	ACCT 3180	3	Intermediate Accounting I. (3-3-0).
NSU	ACCT 3190	3	Intermediate Accounting II. (3-3-0).





**UNIVERSIDAD  
LIBRE**



**Exchange Agreement between  
Universidad Libre Colombia and Northwestern State University (EEUU)**

NSU	ACCT 3200	3	Intermediate Accounting III. (3-3-0).
NSU	ACCT 4020	3	Advanced Accounting. (3-3-0).
NSU	ACCT 4080	3	Auditing. (3-3-0).
NSU	ACCT 4300	3	Senior Seminar In Accounting. (3-3-0)
NSU	FIN 3090	3	Business Finance. (3-3-0)
NSU	FIN 4200	3	Financial Policies And Practices. (3-3-0).
NSU	MGT 4300	3	Strategic Management And Policy
NSU	CIS 2000	3	Information Systems and Technology in Business. (3-3-0)
NSU	CIS 3100	3	Information Systems and Technology in Business. (3-3-0).
NSU	SCI 1010	3	Basic Concepts Of Physical Science (3-3-0)
NSU	SCI 1020	3	Basic Concepts Of Biological Science (3-3-0)
NSU	ENGL 1010	3	Composition And Rhetoric I. (3-3-0)
	<b>TOTAL CREDITS TO BE TAKEN AT NSU - UNILIBRE APPROVAL</b>	<b>48</b>	<b>48 HOURS PROGRAM NORTHWESTERN STATE UNIVERSITY</b>

Completed and passed the above subjects at Northwestern State University and with the official transcript; the following subjects from the study plan of the Public Accounting program will be transferred at UNILIBRE as follows:

Table No. 12. Approved subjects in UNILIBRE Public Accounting program.

Code	Course name	Credits	hour	Grade	COURSE	Hour
CEAC20015	Administración Financiera	3	3	NSU	Finance 4200	3
CEAC20028	Presupuestos Empresariales	3	3	NSU	Accounting 3080	3
CEAC20316	Auditoría Aplicada	4	4	NSU	Accounting 4080	3
CEAC20312	Impuesto Sobre la Renta y Complementarios	3	3	NSU	Accounting 3180	3
CEAC20029	Comercio y Negocios Globales	2	2	NSU	Management 4300	3
CEAC20351	Optativa I	3	4	NSU	Science; 1010	3
CEAC20010	Formulación Y Gestión De Proyectos	3	3	NSU	Management 4300	3
CEAC20030	Finanzas Corporativas	3	3	NSU	Finance 3090	3
CEAC20307	Contabilidad Y Finanzas Públicas	3	4	NSU	Accounting 4020	3
CEAC20313	Impuesto a las Ventas y Retención en la Fuente	3	3	NSU	Accounting 3060	3
CEAC20317	Revisoría Fiscal	3	3	NSU	Computer Information Systems 3100	3
CEAC20352	Optativa II	4	4	NSU	Accounting 3190	3





**UNIVERSIDAD  
LIBRE**



**Exchange Agreement between  
Universidad Libre Colombia and Northwestern State University (EEUU)**

CEAC20014	Electiva III	2	2	NSU	Science; 1020	3
CEAC20039	Simulación Gerencial	2	2	NSU	Computer Information Systems 2000	3
CEAC20314	Impuestos Territoriales y Procedimiento Tributario	3	3	NSU	Accounting 3060	3
CEAC20318	Auditoría de Sistemas	3	3	NSU	Senior Seminar in Accounting (3-3-0)	3
CEAC20320	Ética Profesional	2	2	NSU	Finance 4200	3
CEAC20353	Optativa III	4	4	NSU	Accounting 3200	3
		<b>53</b>	<b>55</b>			







**UNIVERSIDAD  
LIBRE**



**Exchange Agreement between  
Universidad Libre Colombia and Northwestern State University (EEUU)**

**ANEXO 3  
TABLAS DE HOMOLOGACIONES PARA DOBLE TITULACIÓN DE INGENIERÍA  
FINANCIERA**

Transfer of classes:

Students of the Financial Engineering program, who have taken and passed the subjects from first to eighth semester, will be able to continue their studies at Northwestern State University in order to obtain a Business Administration degree from said institution

Table No. 13. Subjects studied and passed at UNILIBRE- Financial Engineering Program

Course code	Course name	Credits	IH
02031	Algebra y Trigonometría	3	4
30325	Química General y Laboratorio	3	4
02294	Introducción a la Ingeniería	2	2
02001	Lenguaje y Comunicación	2	2
02011	Inglés I	1	3
05000	Cátedra Unilibrista	1	1
03003	Fundamentos de Economía	3	3
02302	Cálculo Diferencial	3	4
02311	Física Mecánica y Laboratorio	3	4
30078	Dibujo Asistido	2	2
02002	Aprendizaje Autónomo	2	2
02012	Inglés II	1	3
02377	Microeconomía	3	4
02006	Instituciones Colombianas	1	2
04225	Cálculo Integral	3	4
30042	Contabilidad General	4	4
30743	Electricidad y Magnetismo y Laboratorio	3	4
03021	Inglés III	1	3
02210	Fundamentos de Informática	3	3
30029	Cálculo Multivariado	3	4
02314	Física Óptica y Ondulatoria	3	4
03024	Estadística Descriptiva	3	3
03027	inglés IV	1	3
03033	inglés V	1	3
30202	Introducción a la Investigación	2	2
03078	Metodología de la Investigación	2	2
30110	Electiva 1 (formación integral)	2	2
04238	Ecuaciones Diferenciales	3	4
03030	Estadística Inferencial	3	3
30114	Electiva 2 (formación integral)	2	2
30118	Electiva 3 (formación integral)	2	2





**UNIVERSIDAD  
LIBRE**



**Exchange Agreement between  
Universidad Libre Colombia and Northwestern State University (EEUU)**

30009	Admón del medio ambiente	2	3
30134	Finanzas Básicas	4	4
03082	Investigación de Operaciones	3	4
30208	Investigación aplicada 1	1	3
30209	Investigación aplicada 2	1	3
30210	Investigación aplicada 3	1	3
30638	Legislación Financiera	2	4
02051	Ingeniería Económica	4	4
03042	Finanzas Públicas	3	4
30748	Electiva 1 (informática)	3	3
30094	Econometría	4	4
30026	Banca de Inversión	4	4
30107	Electiva 1 (aplicación profesional)	4	4
30749	Electiva 2 (informática)	3	3
05024	Ética	1	2
02052	Formulación y Evaluación de Proyectos	3	4
30095	Econometría Financiera	4	4
30257	Mercado de Futuros y Opciones	4	4
30111	Electiva 2 (aplicación profesional)	4	4
<b>TOTAL</b>		<b>126</b>	<b>160</b>

In accordance with the above, Northwestern State University will transfer the following subjects in the BUSINESS ADMINISTRATION program:

Table No. 14. Subjects approved by Northwestern State University

<b>MATERIAS UNILIBRE</b>	<b>MATERIAS NSU</b>
Fundamentos de informática	Business Administration 1800
Ingles I + Lenguaje y comunicación.	English 1010
Introducción a la ingeniería + Instituciones Colombianas	History 1010
Aprendizaje autónomo + Investigación aplicada I	Psychology
Algebra y trigonometría	Math 1020
Catedra Unilibrista	Univ 1000
Contabilidad general	Accounting 2000
Econometría	Business Administration 2120
Fundamentos de economía	Economics 2000
Ingles II + Ingles III + Ingles IV	English 2110





**UNIVERSIDAD  
LIBRE**



**Exchange Agreement between  
Universidad Libre Colombia and Northwestern State University (EEUU)**

Física mecánica y laboratorio	Science 2010 or 2020
Electiva I (Formación integral) + Administración general del medio ambiente.	Academic Elective
Legislación Financiera + Electiva I (Informática)	Business Administration 3250
Finanzas Básicas	Management 3220
Electiva II (Formación integral) + Estadística descriptiva.	Advanced Business Electives 1
Electiva III (Formación integral) + Ingeniería económica	Advanced Business Electives 2
Electiva I (Aplicación profesional)	Advanced Business Electives 3
Electiva II (Aplicación profesional)	Advanced Business Electives 4
Banca de Inversión	Business Elective (Any Level)
Ingles V + Metodología de la investigación.	English 1020
Cálculo multivariado	Math 1060
Microeconomía	Economics 2010
Finanzas Públicas	Finance 2150
Electiva II (Informática)	Academic Electives
Mercado de futuros y opciones financieras	Business Administration 3270

The student must take the following subjects at Northwestern State University:

Table No. 15 Subjects to take at Northwestern State University and approved by UNILIBRE

NSU	Concentrations - Management	HOUR	The first number in parentheses following the title of each course indicates the value of the course credit hours; the second figure indicates the number of 50-minute conference periods the class meets per week in a regular semester; the third indicates the laboratory hours per week
		(IH)	
NSU	SCI 1020	3	BASIC CONCEPTS OF BIOLOGICAL SCIENCE I. (3-3-0)
NSU	SCI 1010	3	BASIC CONCEPTS OF PHYSICAL SCIENCE I. (3-3-0)
NSU	MKTG 3230	3	PRINCIPLES OF MARKETING. (3-3-0)
NSU	MGT 3580	3	OPERATIONS MANAGEMENT. (3-3-0)





**UNIVERSIDAD  
LIBRE**



**Exchange Agreement between  
Universidad Libre Colombia and Northwestern State University (EEUU)**

NSU	CIS 3100	3	INFORMATION SYSTEMS AND TECHNOLOGY IN BUSINESS. (3-3-0).
NSU	CIS 2000	3	SPREADSHEET APPLICATIONS. (3-3-0).
NSU	MGT 4300	3	STRATEGIC MANAGEMENT AND POLICY. (3-3-0)
NSU	MGT 4320	3	ADVANCED MANAGEMENT. (3-3-0).
NSU	FIN 3090	3	FINANCIAL POLICIES AND PRACTICES. (3-3-0)
NSU	ACCT 2010	3	MANAGERIAL ACCOUNTING. (3-3-0).
NSU	BUAD 2200	3	BUSINESS REPORTS AND COMMUNICATION. (3-3-0).
NSU	FIN 4200	3	FINANCIAL POLICIES AND PRACTICES. (3-3-0)
NSU	BUAD 4900	2	SENIOR SEMINAR. (2-2-0).
NSU	ABE - 1, 2. (6 credits)	6	ADVANCED BUSINESS ELECTIVES - 1, 2. (6 CREDITS)
NSU	FA 1040	3	EXPLORING THE ARTS. (3-3-0).
<b>NSU</b>	<b>TOTAL CREDITS TO BE TAKEN AT NSU - UNILIBRE APPROVAL</b>	<b>44</b>	<b>44 HOURS PROGRAM AT NORTHWESTERN STATE UNIVERSITY</b>

**Primero Semestre**

SCI 1010  
ACCT 2010  
CIS 2000  
MGT 3580  
BUAD 2200

**Segundo Semestre**

SCI 1020  
FA 1040  
CIS 3100  
FIN 3090  
MKTG 3230  
ABE

**Tercer Trimestre**

FIN 4200  
BUAD 4900  
MGT 4300 (A term)  
MGT 4320 (B term)  
ABE

Completed and passed the previous subjects (table No. 15) at Northwestern State University and with the official transcripts; The courses of the Business Administration study plan will be transferred at UNILIBRE as follows:

The student must take the following subjects at Northwestern State University:

Table No. 16. Subjects to take Northwestern State University and approved by UNILIBRE

Code	Course name	Credits	Hr	Grade	Course	Hr
30300	Práctica Empresarial	3	4	NSU	Science 1020	3
				NSU	Science 1010	3
				NSU	Marketing 3230	3
				NSU	Management 3580	3
02056	Gestión Tecnológica	2	3	NSU	Computer Information Systems	3






**UNIVERSIDAD  
LIBRE**




**Exchange Agreement between  
Universidad Libre Colombia and Northwestern State University (EEUU)**

					3100	
30346	Series de Tiempo	3	4	NSU	Computer Information Systems 2000	3
30297	Portafolio y Planeación financiera	4	4	NSU	Management 4300	3
30197	Ingeniería financiera avanzada	4	4	NSU	Management 4320	3
30116	Electiva III (Aplicación Profesional)	4	4	NSU	Finance 3090	3
30119	Electiva IV (Aplicación Profesional)	4	4	NSU	Accounting 2010	3
30211	Investigación Aplicada IV	1	3	NSU	Business Administration 2200	3
30393	Valoración de derivados financieros	3	4	NSU	Finance 4200	3
30212	Investigación aplicada V	1	3	NSU	Business Administration 4900	3
30143	Finanzas Internacionales	4	4	NSU	Advanced Business Electives - ABE - 1. 2. (6 credits)	2
30317	Proyección Social	1	3	NSU	Fine Arts 1040	3
<b>TOTAL</b>		<b>34</b>	<b>44</b>			

SIGNED BY:

  
Dr. Jorge Alarcón Niño  
Presidente, Universidad Libre

  
Dr. Marcus D. Jones  
Presidente, Northwestern State University

  
Dr. Fernando Dejanón Rodríguez  
Rector, Universidad Libre

Date: 18/02/22

Date: 2/23/2022

