

The NDU Gazette

A publication covering decisions taken at the BOD and UC meetings

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Issue Number Four, June-July-August 2008

Decisions Taken at BOD in June-July 2008

1. Cooperation between NDU & SLU: Doctor of Education Program

The BOD approved the proposal of: Doctor of Education Program between NDU and Saint Louis University. See Appendix I (July 9).

2.1 FAAD: GER (Architecture + Design & Music)

The BOD approved the FAAD GER. See Appendix II (July 9).

2.2. FBA&E: GER

The BOD approved the FBA&E GER. See Appendix III (July 9).

2.3. FE: GER

The BOD approved the GER proposal. See Appendix IV (June 5).

2.4. FH: GER

The BOD approved the FH GER. See Appendix V (July 9).

2.5. FNAS: GER

The BOD approved the FNAS GER. See Appendix VI (July 9).

2.6. FPSPAD: GER

The BOD approved the FPSPAD GER. See Appendix VII (July 9).

3.1. FAAD: Minors and New Courses

(June 25)

The BOD approved the proposal for a Minor in Studio Arts. See Appendix VIII.

The BOD approved the proposal for a Minor in Graphic Design. See Appendix IX.

The BOD approved the proposal for a Minor in Photography. See Appendix X.

3.2. FBA&E: Minors

The BOD approved the proposal to offer 9 minors in the FBA&E. See Appendix XI (June 18).

3.3. FH: Minor in Translation

The BOD approved the proposal of a Minor in Translation. See Appendix XII (June 11).

3.4. FH Minors in Arabic and English

The BOD approved the proposal to offer a Minor in Arabic and English. See Appendix XIII (June 20).

3.5. FNAS: Minors in GIS and Physics

The BOD approved the proposal to offer a Minor in GIS (June 11) and the proposal of a Minor in Physics. See Appendix XIV (June 25).

3.6. FPSPAD: Minors in Middle Eastern Studies and Peace and Conflict

The BOD approved the proposal of a Minor in Middle Eastern Studies (June 11) and the proposal to offer the 18 credit Minor in Peace and Conflict. See Appendix XV (June 20).

4. Sponsored Research Policy

The BOD approved the proposal of the Sponsored Research Policy and will enter into effect October 1st, 2008. See Appendix XVI.

**SAINT LOUIS UNIVERSITY, USA
NOTRE DAME LOUAIZE, LEBANON
Doctor of Education Program - Summer 2008**

Introduction

This collaborative Doctor of Education Program between the Department of Educational Leadership and Notre Dame University of Louaize was developed pursuant to a meeting between Father Lawrence Biondi, President of Saint Louis University and Father W. Moussa, President of Notre Dame University - Louaize, Lebanon on July 12, 2006. A Memorandum of Understanding specifically called for the development of a joint doctoral program in Education.

Rationale

Lebanese secondary school educators are more and more aware of the necessity to be up to date with best practice worldwide. In light of this conscious decision, the Catholic School Board requested that NDU develop an M.A. in Educational Leadership program which would be both intensive yet flexible in its time frame so as to suit mature, adult learners. It is thus logical that the Faculty of Humanities continue in this vision and offer the opportunity for experienced, adult administrators to work towards a Professional Doctorate of Education.

The MOU signed with SLU in July 2006 clearly stipulated that efforts were to be made towards a joint Doctorate level program in Education. This proposal represents the results of those negotiations and discussions.

Program Development

Over this past year, the program was developed through meetings, emails and telephone conversations between William T. Rebore, Chair of the Department of Educational Leadership and Higher Education at Saint Louis University and Dr. Carol Goff-Kfour, Dean of the Faculty of Humanities at Notre Dame. The program structure corresponds to the current Doctor of Education Program offered by the Department on the SLU Campus, and in conformance with the current policies of the Graduate School with only one exception. The following is a brief review of the program with an anticipated schedule.

1. Admission. – The current standards for admission to the Graduate School and the Department of Educational Leadership apply to this proposed program. Students will be required to submit all documents currently required for graduate admission to the doctoral program (Application, References, Transcripts, GRE Scores, Resume and Biographical Sketch). These documents will be reviewed by the Department's admission committee and a recommendation for admission will be made to the Graduate School. Notre Dame University will coordinate the collection of all admission documents and forward them to the Graduate School for processing.
2. Pre-requisites. – Pursuant to current Department requirements, students will be allowed to complete the six credit hour research prerequisites at Notre Dame University. This is consistent with current Department requirements allowing students to complete research prerequisites at another accredited university.
3. Delivery of the Coursework. – Students will take the same coursework currently required of all current Doctor of Education Students. The coursework will be completed in the following manner:

Courses To Be Offered at Notre Dame:

Student will be allowed to transfer nine credit hours taken at Notre Dame into the program. Currently six credit hours may be transferred from another University. **The additional three hours of transfer credit will require a variance to present Graduate School policy.** The students will take following courses:

School Law	3 Credit Hours
Politics of Education	2 Credit Hours
Internship-Superintendent	4 Credit Hours

School Law and Politics were selected to be taught at Notre Dame due to the cultural, political and legal difference between Education in Lebanon and the United States. Likewise, the field- based Internship would most appropriately be completed in a school in Lebanon.

Courses To Be Offered Through Saint Louis University:

The remaining twenty-nine hours will be taken through Saint Louis University using three different modalities: On-Line Courses, a Summer Session in Cyprus, and two Summer Sessions on the Saint Louis University Campus.

On-Line Courses

School and Community Relations	3 Credit Hours
Ethics of School Leadership	3 Credit Hours
Staff Development and Evaluation	3 Credit Hours
Project Guidance	1 Credit Hour (Spring second year)
Project Guidance	1 Credit Hour (Spring third year)

Cyprus

Six credit hours will be taught in Cyprus during the Summer 2009 Semester.

1st Summer Session (3 Weeks Cyprus)

Research: Topics in Educational Leadership	3 Credit Hours
School District Administration	3 Credit Hours

At the conclusion of this Summer Session, students will be grouped into project teams for the purpose of completing the doctoral project. Their advisor will also be appointed at that time.

Saint Louis University Campus

Students will be in full time residence during two Summer Semesters in St. Louis (Second and Third Summer Semesters). While in residence, they will take the following courses

Second Summer Semester (4 Weeks Saint Louis)

Human Resources Administration	3 Credit Hours
Managing the District Curriculum	3 Credit Hours
Doctoral Residency	0 Credit Hours

Third Summer Semester (5 Weeks Saint Louis)

Planning and Maintaining School Facilities	3 Credit Hours
Gateway Leadership Conference	2 Credit Hours
Project Guidance	1 Credit Hour
Doctoral Residency	0 Credit Hours

Comprehensive Examinations

The written preliminary examination will be administered by Notre Dame University during the Spring semester of the third year. The examination will be written and assessed by the faculty at SLU. The final oral examination will be conducted during the Summer Semester of the third year by Department Faculty.

Proposed Schedule

Prerequisites

To Be Taken At Notre Dame Fall 2008

	<u>Hours</u>	<u>Location</u>
RM-G410 Introduction to Inferential Statistics	3	NDU
RM-G520 General Research Methods	3	
OR		
EDR-A540 Qualitative Research	3	NDU
EDR-A593 Advanced Qualitative Research	3	

*Denotes Program for Students with Ed.S. Degree (28 Hours)

Spring 09

EDL-630 School Law	2	NDU
EDL-520 School/Community Relations	3	SLU(On-Line)

Summer 09

EDL-697 Research: Topics in Educational Adm.	3	SLU (Cyprus)
EDL-611 School District Administration/Leadership	3	SLU (Cyprus)

Selection of Project Protocol
Selection of Project Team
Appointment of Advisor and Committee

Fall 09

EDL-614 Politics of Education	3	NDU
EDL-620 Ethics of School Leadership	3	SLU (On Line)

Spring 2010

EDL-696 Project Guidance	1	SLU
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Summer 2010 (St. Louis Campus)

EDL-640 Human Resources Administration	3	SLU
EDL-645 Managing the District Curriculum	3	SLU
EDL-601 Doctoral Residency	0	

Fall 2010

EDL-584 Internship-Superintendent	4	NDU
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Spring 2011

EDL-696 Project Guidance	1	SLU
EDL-573 Staff Development and Evaluation	3	SLU

Final Draft of Doctoral Project Submitted to Committee
Written Comprehensive Examination
(Administered by Notre Dame University)

Summer 2011 (St. Louis Campus)

EDL-639 Gateway Leadership Conference	2	SLU
EDL-647 Planning School Facilities	3	SLU
EDL-696 Project Guidance	1	SLU

Oral Examination
Conferral of Degree

Faculty Members Suggested to Teach Courses

Research Methodology Courses

Dr. Kamal Abou Chedid

Dr. Paul Jahshan

School Law: Father Richard Bou Moussa, PhD

Politics of Education: Dr. C. Kfour

Internship: Drs. A. Malek, C. Sabieh,

Proposed Fees

NDU will charge \$333 per credit.

SLU will charge \$845 per credit.

Appendix II

Faculty of Architecture, Art and Design

Approved by the BOD on 8th July 2008

General Education Requirements - Design and Music (30 credits)

(to be reviewed at the end of the 2008-2009 academic year)

The following list shows the General Education Requirements (GER) for all students in the Faculty of Architecture, Art & Design entering Fall 2008 and thereafter. These requirements are in line with the NDU GER policy and are designed to meet the requirements of the accreditation bodies.

A. Communication Skills in English and Arabic

9 cr.

English (6 cr.)

ENL 213: Sophomore English Rhetoric

and

ENL 223: Communication Arts

or

ENL 230: English in the Workplace

Arabic (3 cr.)

ARB 211: Appreciation for Arabic Literature

ARB 212: Advanced Arabic Grammar

ARB 224: Arabic Literature and Human Thought

ARB 231: Technical Arabic

ARB 317: Themes of Modern Arabic Literature in Lebanon (20th century)

B. Philosophy and Religion

6 cr.

Religion (3cr.)

REG 213: Catholicism

REG 212: Religion and Social Issues

REG 314: Marriage and Family in the Catholic Church

REG 313: The Maronites: Faith and Cultural Heritage

Philosophy + Ethics (3cr.)

PHL 211: Logic and the Scientific Method

PHL 311: Ethics and the Modern World

POS 345: Ethics and Leadership

ENS 205: Environment, Society and Ethics

C. Cultural Studies and Social Sciences

6 cr.

HUT 305: Human Thought to 1500

HUT 306: Human Thought from 1500 to the Present

MUS 210: Music Appreciation

FAP 215: Art and Culture

ARP 215: Cultural Themes in Lebanese Ach.

COA 359: Media and Society

COA 315: World Cinema Survey

NTR 215: Foods and Nutrition of World Cultures
PSL 201: *Introduction to Psychology*
SOL 201: *Introduction to Sociology*
SOL 301: *Introduction to Anthropology*
BAD 201: *Fundamentals of Management*
ECN 200: *Survey of Economics*
ECN 211: *Principles of Micro Economics*
ECN 212: *Principles of Macro Economics*

D. Citizenship

3 cr.

HIT 211: History of Lebanon and the Middle East
POS 201: Introduction to Political Science
POS 210: Government and Institutions in Lebanon
POS 240: Law and Society
POS 319: Democracy and Human Rights
POS 337: Dialogue of Civilizations
IAF 301: Modern Political Ideologies

E. Science and Technology

6 cr.

CSC 201: Computer and Their Use
MAT 201: Fundamentals of Mathematics
MAT 202: Mathematics for Arts
MAT 204: Mathematics for Business & Eco. I
MAT 211: Discreet mathematics
STA 202: Statistics for Humanities
STA 210: Statistics for Business & Eco.
PHS 211: Principles of Physics
PHS 207: Development of Science and Technology
AST 201: Discovering Astronomy
CHM 211: Principles of Chemistry
ENS 201: Introduction to Environmental Science
ENS 202: Environment and Sustainable Development
ENS 206: Ecotourism
BIO 202: Mystery of Life
BIO 203: Discover Biology
HEA 201: Health Awareness
NTR 201: Basic Human Nutrition

F. Study and Learning Skills

0 cr.

FAAD - General Education Requirements - Architecture (27 credits)

(to be reviewed at the end of the 2008-2009 academic year)

The following list shows the General Education Requirements (GER) for all students in the Faculty of Architecture, Art & Design entering Fall 2008 and thereafter. These requirements are in line with the NDU GER policy and are designed to meet the requirements of the accreditation bodies.

A. Communication Skills in English and Arabic **9 cr.**

English (6 cr.)

ENL 213: Sophomore English Rhetoric

and

ENL 223: Communication Arts

or

ENL 230: English in the Workplace

Arabic (3 cr.)

ARB 211: Appreciation for Arabic Literature

ARB 212: Advanced Arabic Grammar

ARB 224: Arabic Literature and Human Thought

ARB 231: Technical Arabic

ARB 317: Themes of Modern Arabic Literature in Lebanon (20th century)

B. Philosophy and Religion **6 cr.**

Religion (3cr.)

REG 213: Catholicism

REG 212: Religion and Social Issues

REG 314: Marriage and Family in the Catholic Church

REG 313: The Maronites: Faith and Cultural Heritage

Philosophy + Ethics (3cr.)

PHL 211: Logic and the Scientific Method

PHL 311: Ethics and the Modern World

POS 345: Ethics and Leadership

ENS 205: Environment, Society and Ethics

C. Cultural Studies and Social Sciences **6 cr.**

HUT 305: Human Thought to 1500

HUT 306: Human Thought from 1500 to the Present

MUS 210: Music Appreciation

FAP 215: Art and Culture

ARP 215: Cultural Themes in Lebanese Arch.

COA 359: Media and Society

COA 315: World Cinema Survey

NTR 215: Foods and Nutrition of World Cultures

PSL 201: *Introduction to Psychology*

SOL 201: *Introduction to Sociology*

SOL 301: *Introduction to Anthropology*

BAD 201: Fundamentals of Management
ECN 200: Survey of Economics
ECN 211: Principles of Micro Economics
ECN 212: Principles of Macro Economics

D. Citizenship

3 cr.

HIT 211: History of Lebanon and the Middle East
POS 201: Introduction to Political Science
POS 210: Government and Institutions in Lebanon
POS 240: Law and Society
POS 319: Democracy and Human Rights
POS 337: Dialogue of Civilizations
IAF 301: Modern Political Ideologies

E. Science and Technology

3 cr.

CSC 201: Computer and Their Use
MAT 201: Fundamentals of Mathematics
MAT 202: Mathematics for Arts
MAT 204: Mathematics for Business & Eco. I
MAT 211: Discreet mathematics
STA 202: Statistics for Humanities
STA 210: Statistics for Business & Eco.
PHS 211: Principles of Physics
PHS 207: Development of Science and Technology
AST 201: Discovering Astronomy
CHM 211: Principles of Chemistry
ENS 201: Introduction to Environmental Science
ENS 202: Environment and Sustainable Development
ENS 206: Ecotourism
BIO 202: Mystery of Life
BIO 203: Discover Biology
HEA 201: Health Awareness
NTR 201: Basic Human Nutrition

F. Study and Learning Skills

0 cr.

P.S: Students of Architecture major cannot take the following courses as GER: CSC 201, MAT 201 and MAT 202.

Faculty of Business Administration and Economics

General Education Requirements (30 credits)

The following list shows the General Education Requirements (GER) for all students in the Faculty of Business Administration and Economics entering Fall 2008 and thereafter.

- I. Communications Skills 9 cr.**
- English (6 cr)**
ENL 213: Sophomore English Rhetoric
And
ENL 223: Communication Arts
Or
ENL 230: English in the workspace
- Arabic (3 cr)**
ARB 211: Appreciation for Arabic Literature
ARB 212: Advanced Arabic Grammar
ARB 224 Arabic Literature and Human Thought
ARB 231: Technical Arabic
ARB 317 Themes of Modern Arabic Literature in Lebanon (20th century)
- II. Philosophy and Religion 6 cr.**
- Religion (3 cr)**
REG 212: Religion and Social Issues
REG 213: Catholicism
REG 313: The Maronites: Faith and Cultural Heritage
REG 314: Marriage and Family in the Catholic Church
- Philosophy + Ethics (3 cr)**
ENS 205: Environment, Society and Ethics
PHL 211: Logic and the Scientific Method
PHL 311: Ethics and the Modern World
POS 345: Ethics and Leadership
- III. Cultural Studies and Social Sciences 6 cr.**
- A- Cultural Studies (3 cr)**
HUT 305: Human Thought to 1500
HUT 306: Human Thought from 1500 to the present
MUS 201: Music Appreciation
FAP 215: Art and Culture
COA 359: Media and Society
COA 315: World Cinema Survey
NTR 215: Foods and Nutrition of World Cultures

ARP 215: Cultural Themes in Lebanese Architectural

B- Social Sciences (3 cr)

PSL 201: Intro to Psychology

SOL 201: Intro to Sociology

SOL 301: Introduction to Anthropology

BAD 201: Fundamentals of Management

ECN 200: Survey of Economics

ECN 211: Principles of Microeconomics

ECN 212: Principles of Macroeconomics

IV. Citizenship 3 cr.

Choose one course (3 cr) of the following:

HIT 211: History of Lebanon & the Middle East

POS 201: Introduction to Political Science

POS 210: Government and Politics in Lebanon

POS 240: Law and Society

IAF 301: Modern Political Ideologies

COA 350: Current Issues

POS 319: Democracy and Human Rights

POS 337: Dialogue of Civilizations

V. Science and Technology 6 cr.

Choose one course of the following

Mathematics/Statistics/Computer Science (3 cr)

CSC 201: Computer and their Use

MAT 201: Fundamentals of Mathematics

MAT 204: Mathematics for Business and Economics I

Natural Sciences (3 cr)

PHS 211: Principles of Physics

PHS 207: Development of Science and Technology

AST 201: Discovering Astronomy

CHM 211: Principles of Chemistry

ENS 201: Introduction to Environmental Science

ENS 202: Environment and Sustainable Development

ENS 206: Ecotourism

GEO 202: Geology for Architects

GEO 203: Introduction to Geology

BIO 202: Mystery of Life

BIO 203: Discover Biology

HEA 201: Health Awareness

NTR 201: Basic Human Nutrition

Appendix IV

Faculty of Engineering - General Education Requirements (27 credits)

The following list shows the General Education Requirements (GER) for all students in the Faculty of Engineering entering in Spring 2009 and thereafter.

I. Communication Skills: 9 cr.

A: English (6cr.)

ENL 213: *Sophomore English Rhetoric*

and

ENL 223: *Communication Arts*

or

ENL 230: *English in the Workplace*

B: Arabic (3 cr.)

One course from:

ARB 211: *Appreciation of Arabic Literature*

ARB 212: *Advanced Arabic Grammar*

ARB 224: *Philosophy and Literature*

ARB 231: *Technical Arabic*

ARB 317: *Modern Arabic Literature in Lebanon*

II. Philosophy and Religion 6 cr

A: Religion (3cr.)

REG 212: *Religion and Social Issues*

REG 213: *Catholicism*

REG 313: *The Maronites, Faith and Cultural Heritage*

REG 314: *Marriage and Family in the Catholic Church*

B: Philosophy¹ (3cr.)

One course from:

ENG 310: *Ethics in Engineering*

ENS 205: *Environment, Society and Ethics*

PHL 311: *Ethics and the Modern World*

POS 345: *Ethics and Leadership*

III. Cultural Studies and Social Sciences 6 cr.

One course from:

ARP 215: *Cultural Themes in Lebanese Architecture*

COA 359: *Media and Society*

COA 315: *World Cinema Survey*

FAP 215: *Art & Culture*

HUT 305: *Human Thought to 1500*

HUT 306: *Human Thought from 1500 to the Present*

LIR 214: *Introduction to Literary Genres*

MUS 201: *Music Appreciation*

NTR 215: *Foods and Nutrition of World Cultures*

PSL 201: *Introduction to Psychology*
SOL 201: *Introduction to Sociology*
SOL 301: *Introduction to Anthropology*

One course from³:

BAD 201: *Fundamentals of Management*
ECN 200: *Survey of Economics*
or ECN 211: *Principles of Microeconomics*
or ECN 212: *Principles of Macroeconomics*
ENG 210: *Introduction to Engineering Economy*

IV. Citizenship:

3 cr.

One course from:

HIT 211: *History of Lebanon and the Middle East*
POS 201: *Introduction to Political Science*
POS 210: *Government and Institutions of Lebanon*
POS 240: *Law and Society*
POS 319: *Democracy and Human Rights*
POS 337: *Dialogue of Civilizations*
IAF 301: *Modern Political Ideologies*

V. Science and Technology:

3 cr.

One course from:

AST 201: *Discovering Astronomy*
BIO 202: *Mystery of life*
BIO 203: *Discover Biology*
HEA 201: *Health Awareness*
ENS 201: *Introduction to Environmental Science*
ENS 202: *The Environment and Sustainable Development*
ENS 206: *Ecotourism*
NTR 201: *Basic Human Nutrition*
PHS 207: *Development of Science and Technology*

Or a total of 3 credits from:

HEA 203: *Health Assessment (2 cr.)*
CHM 271: *Principles of Chemistry Laboratory (1 cr.)*
CSC 270: *Computer-Aided Engineering Design (1 cr.)*
PHS 271: *Electricity and Magnetism Laboratory (1 cr.)*
PHS 272: *Modern Physics Laboratory (1 cr.)*

VI. Study and Learning Skills

0 cr.

1. Engineering students can satisfy the Philosophy requirement by taking ENG 310: Ethics in Engineering
2. Engineering Students who take ENG 210: Introduction to Engineering Economy can substitute it for one of the economics courses.

Note:

Old students with ID numbers 2007 or earlier have to take 24 credits in GER courses.

These students can take any course listed above (if not already taken) as part of their two GER free electives on condition of not taking more than one Arabic course.

Faculty of Humanities
General Education Requirements (33 credits)

I. Communication Skills: 9 cr.

English (6 cr.)

ENL 213: *Sophomore English Rhetoric*

and

ENL 223: *Communication Arts*

or

ENL 230: *English in the Workplace*

Arabic (3 cr.) One course from:

ARB 211: *Appreciation for Arabic Literature*

ARB 212: *Advanced Arabic Grammar*

ARB 224: *Arabic Literature and Human Thought*

ARB 231: *Technical Arabic*

ARB 317: *Themes of Modern Arabic Literature in Lebanon (20th century)*

II. Philosophy and Religion 6 cr.

A. Religion (3cr.)

REG 213: *Catholicism*

REG 212: *Religion and Social Issues*

REG 314: *Marriage and Family in the Catholic Church*

REG 313: *The Maronites: Faith and Cultural Heritage*

B. Philosophy and Ethics (3cr.)

PHL 211: *Logic and the Scientific Method*

PHL 311: *Ethics and the Modern World*

POS 345: *Ethics and Leadership*

ENS 205: *Environment, Society and Ethics*

COA 360: *Media Ethics*

III. Cultural Studies and Social Sciences 6 cr.

Choose two courses from the following:

HUT 305: *Human Thought to 1500*

HUT 306: *Human Thought from 1500 to the Present*

LIR 214: *Introduction to Literary Genres*

MUS 201: *Music Appreciation*

FAP 215: *Art and Culture*

ARP 215: *Cultural Themes in Lebanese Ach.*

COA 359: *Media and Society*

COA 315: *World Cinema Survey*
NTR 215: *Foods and Nutrition of World Cultures*

PSL 201: *Introduction to Psychology*
SOL 201: *Introduction to Sociology*
SOL 301: *Introduction to Anthropology*
BAD 201: *Fundamentals of Management*
ECN 200: *Survey of Economics*
ECN 211: *Principles of Micro Economics*
ECN 212: *Principles of Macro Economics*

V. Citizenship

6 cr.

Two courses from the following pool:

POS 201: *Introduction to Political Science*
HIT 211: *History of Lebanon and the Middle East*
POS 210: *Government and Politics in Lebanon*
POS 212: *Political History of the Near East until WWI*
POS 240: *Law and Society*
IAF 301: *Modern Political Ideologies*
COA 350: *Current Issues*

V. Science and Technology

6 cr.

Mathematics/Statistics/Computer Science (3 cr.):

CSC 201: *Computer and Their Use*
CSC 202: *Computers for Visual Arts*
CSC 203: *Introduction to Programming*
MAT 201: *Fundamentals of Mathematics*
MAT 202: *Mathematics for Arts*
MAT 204: *Mathematics for Business and Economics I*
MAT 211: *Discrete Mathematics*
STA 202: *Statistics for Humanities*
STA 206: *Applied Statistics for Business and Economics I*

Natural Sciences (3cr.):

PHS 211: *Principles of Physics*
PHS 207: *Development of Science and Technology*
AST 201: *Discovering Astronomy*
AST 210: *Introduction to Astronomy and Astrophysics*
CHM 211: *Principles of Chemistry*
ENS 201: *Introduction to Environmental Science*
ENS 202: *Environment and Sustainable Development*
ENS 205: *Environment, Society and Ethics*
ENS 206: *Ecotourism*
GEO 202: *Geology for Architects*
GEO 203: *Introduction to Geology*

BIO 202: *Mystery of Life*
BIO 203: *Discover Biology*
HEA 201: *Health Awareness*
NTR 201: *Basic Human Nutrition*
NTR 210: *Foods and Nutrition of World Cultures*

VI. Study and Learning Skills

0 cr.

Notes:

1. Students majoring in Psychology (degree requirements 90 credits as per government decree/ NDU program requirements: 97 will take 30 credits of GERs as per BOD decision 2008.
Psychology students will be required to take 3 credits from the Cultural and Social Sciences category. Psychology students may satisfy their Cultural and Social Science requirement with any course other than PSL 201.
Psychology students must take STA 202 as 3 credits of the GER Science and Technology requirements
2. Mass Communication students may satisfy their Philosophy requirement by taking COA 360 Media Ethics.
3. Mass Communication students may satisfy 3 credits of their Citizenship requirements by taking COA 350: Current Issues.
4. COA courses listed in the Cultural Studies and Social Sciences category do not satisfy GER requirements for Mass Communication degree students. These courses must only be taken as core or major courses.
5. Mass Communication students must take STA 202 as 3 credits of the GER Science and Technology requirements.
6. Education students must take STA 202 as 3 credits of the GER Science and Technology requirements.
7. ARB 212 does not count as a GER Arabic course where it is a part of the major requirements.
8. Students majoring in English may not take LIR 214 to satisfy a GER requirement.

Faculty of Natural and Applied Sciences

General Education Requirements

(Approved by the BOD on July 21, 2008)

I – Total Number of Required GER credits for FNAS Majors as of October 1st, 2008

Department of Computer Science

- BS in Business Computing (91 credits) **30 cr.**
- BS in Computer Science (104 credits) 33 cr.
- BS in Computer Science (concentration: Computer Information Systems) (102 credits)
- BS in Computer Science (concentration: Computer Graphics & Animation) (108 credits)
- BS in Geographical Information Systems (90 credits) **30 cr.**

Department of Mathematics and Statistics

- BS in Actuarial Science and Insurance (112 credits) **30 cr.**
- BS in Applied Statistics (90 credits) **30 cr.**
- BS in Mathematics (concentration: Pure Mathematics) (103 credits) 33 cr.
- BS in Mathematics (concentration: Mathematics Education) (103 credits)
- BS in Mathematics (concentration: Computational Mathematics) (103 credits)

Department of Sciences

- BS in Biology (102 credits) 33 cr.
- BS in Biology (concentration: Biotechnology) (102 credits)
- BS in Biology (concentration: Environmental Biology) (102 credits)
- BS in Chemistry (98 credits) **30 cr.**
- BS in Chemistry (concentration: Industrial Chemistry) (98 credits)
- BS in Chemistry (concentration: Environmental Chemistry) (98 credits)
- BS in Chemistry (concentration: Pharmaceutical Chemistry) (98 credits)
- BS in Physics (95 credits) **30 cr.**
- BS in Environmental Science (104 credits) 33 cr.
- BS in Medical Laboratory Technology (103 credits) **30 cr.**
- BS in Nutrition and Dietetics (94 credits) **30 cr.**

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II – Distribution of GER courses among the categories for FNAS Majors as of October 1st, 2008

II.A) Computer Science, Mathematics, Biology, Environmental Science: (33 credits)

Students majoring in Computer Science are not allowed to count CSC courses within the pool of required GER courses.

Students majoring in Mathematics are not allowed to count MAT courses within the pool of required GER courses.

Students majoring in Biology are not allowed to count BIO courses within the pool of required GER courses.

Students majoring in Environmental Science are not allowed to count ENS courses within the pool of required GER courses.

A – Communication Skills in English and Arabic

- Two courses from the subcategory *English (6 cr.)* along the lines set in the GER policy adopted on July 7, 2007.
- One course from the subcategory *Arabic (3cr.)*.

B – Philosophy and Religion

- One course from the subcategory *Religion (3cr.)*
- One course from the subcategory *Philosophy (3cr.)*

C – Cultural Studies

- One course from the category *Cultural Studies (6 cr.)*

D – Citizenship

- Two courses from the category *Citizenship (6 cr.)*

E – Science and Technology

- One course from the subcategory *Mathematics/Statistics/Computer Science (3 cr.)*
- One course from the subcategory *Natural Sciences (3 cr.)*

II.B) Business Computing, Geographic Information Systems, Applied Statistics: (30 credits)

Students majoring in Business Computing are not allowed to count CSC courses within the pool of required GER courses.

Students majoring in Geographic Information Systems are not allowed to count GIS courses within the pool of required GER courses.

Students majoring in Applied Statistics are not allowed to count STA courses within the pool of required GER courses.

A – Communication Skills in English and Arabic

- Two courses from the subcategory *English (6 cr.)* along the lines set in the GER policy adopted on July 7, 2007.
- One course from the subcategory *Arabic (3cr.)*.

B – Philosophy and Religion

- One course from the subcategory *Religion (3cr.)*
- One course from the subcategory *Philosophy (3cr.)*

C – Cultural Studies

- Two courses from the category *Cultural Studies (6 cr.)*

D – Citizenship

- Two courses from the category *Citizenship (6 cr.)*

E – Science and Technology

- One course from the subcategory *Natural Sciences (3 cr.)*

II.C) Physics, Chemistry: (30 credits)

Students majoring in Physics are not allowed to count PHS courses within the pool of required GER courses.

Students majoring in Chemistry are not allowed to count CHM courses within the pool of required GER courses.

A – Communication Skills in English and Arabic

- Two courses from the subcategory *English (6 cr.)* along the lines set in the GER policy adopted on July 7, 2007.
- One course from the subcategory *Arabic (3cr.)*.

B – Philosophy and Religion

- One course from the subcategory *Religion (3cr.)*
- One course from the subcategory *Philosophy (3cr.)*

C – Cultural Studies

- Two courses from the category *Cultural Studies (6 cr.)*

D – Citizenship

- Two courses from the category *Citizenship* (6 cr.)

E – Science and Technology

- One course from the subcategory Mathematics/Statistics/Computer Science (3 cr.)

II.D) Actuarial Science and Insurance: (30 credits)

Students majoring in Actuarial Science and Insurance are not allowed to count ACS courses within the pool of required GER courses.

A – Communication Skills in English and Arabic

- Two courses from the subcategory *English* (6 cr.) along the lines set in the GER policy adopted on July 7, 2007.
- One course from the subcategory *Arabic* (3cr.).

B – Philosophy and Religion

- One course from the subcategory *Religion* (3cr.)
- One course from the subcategory *Philosophy* (3cr.)

C – Cultural Studies

- Two courses from the category *Cultural Studies* (6 cr.)

D – Citizenship

- Two courses from the category *Citizenship* (6 cr.)

E – Science and Technology

- One course from the subcategory *Mathematics/Statistics/Computer Science* (3 cr.)

II.E) Nutrition and Dietetics, Medical Lab Technology: (30 credits)

Students majoring in Nutrition and Dietetics are not allowed to count HEA and NTR courses within the pool of required GER courses.

Students majoring in Medical Lab Technology are not allowed to count MLT courses within the pool of required GER courses.

A – Communication Skills in English and Arabic

- Two courses from the subcategory *English* (6 cr.) along the lines set in the GER policy adopted on July 7, 2007.
- One course from the subcategory *Arabic* (3cr.).

B – Philosophy and Religion

- One course from the subcategory *Religion* (3cr.)
- One course from the subcategory *Philosophy* (3cr.)

C – Cultural Studies

- Two courses from the category *Cultural Studies* (6 cr.)

D – Citizenship

- Two courses from the category *Citizenship* (6 cr.)

E – Science and Technology

- One course from the subcategory *Natural Sciences* (3 cr.)

III – GER Courses to be offered by the FNAS in the GER categories and subcategories for the academic year 2008-2009¹

A) Category: **Science and Technology**

- Subcategory: **Mathematics/Statistics/Computer Science**
CSC 201 (*Computers and Their Use*)

¹ All courses offered are 3-cr. courses.

CSC 202 (*Computers for Visual Arts*).
MAT 201 (*Fundamentals of Mathematics*)
MAT 202 (*Mathematics for Arts*)
MAT 204 (*Mathematics for Business and Economics I*).
MAT 211 (*Discrete Mathematics*)
STA 202 (*Statistics for Humanities*)
STA 210 (*Statistics for Business and Economics*)

- Subcategory: **Natural Sciences**

PHS 211 (*Principles of Physics*),
PHS 207 (*Development of Science and Technology*)
AST 201 (*Discovering Astronomy*)
CHM 211 (*Principles of Chemistry*)
ENS 201 (*Introduction to Environmental Science*)
ENS 202 (*Environment and Sustainable Development*)
ENS 206 (*Ecotourism*)
BIO 202 (*Mystery of Life*)
BIO 203 (*Discover Biology*)
HEA 201 (*Health Awareness*)
NTR 201 (*Basic Human Nutrition*)

Faculty of Political Science, Public Administration & Diplomacy

General Education Requirements (33 credits)

The following list shows the General Education Requirements (GER) for all students in the Faculty of Political Science, Public Administration & Diplomacy entering Fall 2008 and thereafter.

A. Communication Skills in English and Arabic 9 cr.

English (6 cr.)

ENL 213: *Sophomore English Rhetoric*
and

ENL 223: *Communication Arts*

or

ENL 230: *English in the Workplace*

Arabic (3 cr.) One course from:

ARB 211: *Appreciation for Arabic Literature*

ARB 212: *Advanced Arabic Grammar*

ARB 224: *Arabic Literature and Human Thought*

ARB 231: *Technical Arabic*

ARB 317: *Themes of Modern Arabic Literature in Lebanon (20th century)*

B. Philosophy and Religion 6 cr.

Religion (3cr.) at least. Student may choose to take 6 credits in Religion

REG 213: *Catholicism*

REG 212: *Religion and Social Issues*

REG 314: *Marriage and Family in the Catholic Church*

REG 313: *The Maronites: Faith and Cultural Heritage*

B. Philosophy + Ethics² (addition of the term ethics for the 2008-2009 academic year)

PHL 211: *Logic and the Scientific Method*

PHL 311: *Ethics and the Modern World*

POS 345: *Ethics and Leadership*

ENS 205: *Environment, Society and Ethics*

C. Cultural Studies and Social Sciences 6 cr.

HUT 305: *Human Thought to 1500*

HUT 306: *Human Thought from 1500 to the Present*

PSL 201: *Introduction to Psychology*

SOL 201: *Introduction to Sociology*

² The student may choose up to 6 credits in Philosophy within Both categories B (religion and Philosophy) and C (Cultural Studies.)

SOL 301: *Introduction to Anthropology*
LIR 214: *Introduction to Literary Genres*

MUS 201: *Music Appreciation*
FAP 215: *Art and Culture*
ARP 215: *Cultural Themes in Lebanese Ach.*

BAD 201: *Fundamentals of Management*
ECN 200: *Survey of Economics*
ECN 211: *Principles of Micro Economics*
ECN 212: *Principles of Macro Economics*

COA 359: *Media and Society*
COA 315: *World Cinema Survey*
NTR 215: *Foods and Nutrition of World Cultures*

D. Citizenship **6 cr.**

Two courses from the following pool:
HIT 211: *History of Lebanon and the Middle East*
POS 201: *Introduction to Political Science*
POS 210: *Government and Institutions in Lebanon*
POS 240: *Law and Society*
POS 319: *Democracy and Human Rights*
POS 337: *Dialogue of Civilizations*
IAF 301: *Modern Political Ideologies*

E. Science and Technology **6 cr.**

Mathematics/Statistics/Computer Science (3 cr.):

CSC 201: *Computer and Their Use*
MAT 201: *Fundamentals of Mathematics*
MAT 202: *Mathematics for Arts*
STA 202: *Statistics for Humanities*

Natural Sciences (3cr.):

PHS 211: *Principles of Physics*
PHS 207: *Development of Science and Technology*
AST 201: *Discovering Astronomy*
CHM 211: *Principles of Chemistry*
ENS 201: *Introduction to Environmental Science*
ENS 202: *Environment and Sustainable Development*
ENS 206: *Ecotourism*
BIO 202: *Mystery of Life*
BIO 203: *Discover Biology*
HEA 201: *Health Awareness*
NTR 201: *Basic Human Nutrition*

F. Study and Learning Skills **0 cr.**

Total number of GER 33 credits

FAAD - Minor in Studio Art - 15 credits

Rationale:

The Studio Arts Minor is meant for students from various majors who intend to acquire artistic skills, enrich self creativity and expand their knowledge of contemporary aesthetic issues.

This program also helps in developing, a proactive rather than reactive mentality, and this, due to enhanced creativity.

The faculty of Architecture, Art and Design offers a flexible minor that allows students to concentrate either on a single artistic discipline such as painting, sculpture, digital media and photography covering a wide range of disciplines mainly meant as a general incentive towards artistic culture.

Option A: General Minor in Studio Art (15cr)

Introductory courses:

FAP 211	Drawing I	3cr
GDP 212	Design Principles I	3cr

Upper level courses:

To choose three courses from the following:

FAP 311	Painting I	3cr
FAP 313	Sculpture I	3cr
FAP 224	Digital Art I	3cr
PDP 216	Introductory Photography	3cr
FAP 315	Printmaking I	3cr

Option B: Emphasis in Painting (15 cr)

Introductory courses:

FAP 211	Drawing I	3cr
GDP 212	Design Principles I	3cr

Upper level courses:

FAP 311	Painting I	3cr
FAP 321	Painting II	3cr
FAP 413	Independent Painting Studio I	3cr

Option C: Emphasis in Sculpture (15 cr)

Introductory courses:

FAP 211	Drawing I	3cr
GDP 212	Design Principles I	3cr

Upper level courses:

FAP 313	Sculpture I	3cr
FAP 323	Sculpture II	3cr
FAP 414	Independent Sculpture Studio I	3cr

Option D: Emphasis in Digital Art (15 cr)

Introductory courses:

FAP 211	Drawing I	3cr
GDP 212	Design Principles I	3cr

Upper level courses:

FAP 224	Digital Art I	3cr
FAP 314	Digital Art II	3cr
FAP 411	Multimedia & Image Development I	3cr

Option E: Emphasis in Photography (15cr)

Introductory courses:

FAP 211	Drawing I	3cr
GDP 212	Design Principles I	3cr
PDP 216	Introductory Photography	3cr

Upper level courses:

PDP 325	Photography in the Arts	3cr
PDP 416	Photography and Printing Techniques	3cr

Course Description:

FAP 211 Drawing I (3cr)

Eye and hand coordination are developed through the use of different drawing techniques

This course is an introductory course in which students acquire the basic elements of drawings such as proportions, value, perspective, composition etc.

GDP 212 Design Principles I (3cr)

The course explores the elements and principles of two-dimensional design. The emphasis is on the understanding of various organizational possibilities through the use of the basic elements of line, shape, form, value, color and texture.

PDP 216 Introductory Photography (3cr)

Students will develop a strong basis for the creation of the image while exploring digital and analog techniques that will enable them to express their own ideas visually. They will explore several photographic topics and represent them through various concepts and techniques

FAP 224 Digital Art I (3cr)

An introductory course offering technical instruction in operating different software's on computers such as Photoshop, illustrator and In-design. The emphasis is on exploring conceptual and technical approaches specific to digital media arts.

FAP 311 Painting I (3cr)

This is a beginning course dealing with different painting techniques, including acrylic and oil painting. The focus is on the development of personal expression in various media.

FAP 313 Sculpture I (3cr)

The course is designed to introduce the three dimensions form as well as expose the various sculptural techniques of modeling, carving, casting and mold making. Emphasis will be on clay modeling and plaster. Traditional and conceptual approach to sculpture will be addressed.

FAP 314 Digital Art II (3cr)

This course builds on the fundamental skills acquired during the previous course. Students will also learn the basics of audio/visual production techniques. The focus is on the visual and conceptual problem solving while developing a personal vision and style. Prerequisite: FAP 224

FAP 315 Printmaking I (3cr)

General introduction in printmaking techniques such as intaglio, etching, relief, etc...Emphasis will be on the development of personal vision as well as technical process
Traditional and contemporary techniques will be implemented.

FAP 321 Painting II (3cr)

This is an advanced course in painting techniques using modern and contemporary approaches. An investigation of new material techniques using different painting surfaces. Prerequisite: FAP 311

FAP 323 Sculpture II (3cr)

This course is a continuation of sculpture I with more advanced projects. New materials and techniques will be introduced and more individual freedom in choosing the media will be given, which will enhance personal vision and develop individual expression.
Prerequisite: FAP 313

PDP 325 Photography in the Arts (3cr)

This course examines problems in digital, black & white and color photography. It includes the examination of materials and techniques of image manipulation with the emphasis on personal vision and interpretation. Prerequisite: PDP 216

FAP 411 Multimedia & Image Development I (3cr)

This is the course where students can choose to work with different techniques from video and computer art including the integration of digital arts with traditional media. This multimedia approach is geared towards the development of a personal vocabulary as well as acquiring of the needed skills. Prerequisites: FAP 224 & FAP 314

PDP 416 Photo and printing techniques (3cr)

This course combines darkroom and digital techniques. Aesthetic and conceptual problems will be addressed through assignments and critiques. Emphasis is on individual directions and approaches. It includes image combination, processing and printing techniques. Prerequisites: **PDP 325**

FAP 413 Independent Painting Studio I

In this Independent Painting studio, students will have access to a small but permanent and private space, where they would spend at least 3 hours per week developing their research and work. A faculty member will meet privately with each student to discuss and critique the development work. Independent studio work is where the student gets a preview of what it feels to work independently in a studio, not guided by a classroom project or a teacher. This is the place to acquire self- motivation while guided for one year by an encouraging faculty member. Prerequisites: FAP 311& FAP 321

FAP 414 Independent Sculpture Studio I

Independent studio in sculpture allows the students to pursue their interests in a specific medium. It provides an opportunity for students to focus on particular issues in sculpture and develop their research and work. A specialized faculty member will meet privately with each student to discuss and critique the development work. Independent studio work is where the student gets a preview of what it feels to work independently in a studio, not guided by a classroom project or a teacher. This is the place to acquire self- motivation while guided for one year by an encouraging faculty member. Prerequisites: FAP 313 &FAP 323.

FAAD - Minor in Graphic Design - 18 credits

Rationale

The focus is on Typographic Design in Graphic Design. Students will develop a critical eye, and demonstrate proficiency in applying type to express clear and legible communication for different media. Students are qualified to manage a design project, and prepare and supervise for final production.

The Graphic Design Minor is requested by the Dept. of Mass Communication, Dr. Joe Ajami, chairperson and Dr. Kamal Darouny. Students from Advertising and Marketing major will be accredited by the AIA. (Graphic Design students taking the Minor in Advertising and Marketing will equally be accredited by the AIA.)

The Minor can be taken by all except Graphic Design students; only prerequisite is prior knowledge of Photoshop.

This Minor will enable the students to have additional work possibilities.

The courses are carefully chosen from the major to order for the students to arrive at a sufficient level of skills that enable them to actually produce design projects in print; therefore there are no electives.

In order to challenge the students, two courses with strong conceptual and creative process' are included: GDP 321 Visual Communication and GDP 415 Branding for Graphic Design.

Career opportunities for Student with Minor in Graphic Design.

Students can work in the field Advertising Agencies, Design Studios, and Production Houses, as Visual Communicators

Minor in Graphic Design: 6 courses - 18 credits

Suggested Program:

Semester 1 (Prerequisite: GDP 217 or FDP 214 or knowledge of Photoshop)

GDP 227 Digital media for Graphic Design I (2,2); 3 cr.

GDP 223 Fundamentals of Typography (2.2); 3 cr.

Semester 2 (Prerequisite: GDP 223 & GDP 227)

GDP 321 Visual Communication (2.2); 3 cr.

GDP 322 Applied Typographic Design (2.2); 3 cr.

Semester 3 (Prerequisite: GDP 321 & GDP 322)

GDP 413 Print Management and Production (2.2); 3 cr.

GDP 415 Branding for Design (2.2); 3 cr.

Course Description

GDP 223 Fundamentals of Typography (2.2); 3 cr. Students will learn how to classify type according to its history and development, type measurements, series of exercises exploring: space, hierarchy, order, kerning, tracking, type size and weight. Furthermore, the students will explore the use of type and space together with the development of grids through the application of design to a variety of formats.

Prerequisite: GDP 217 or FDP 214 or (knowledge of Photoshop)

GDP 227 Digital media for Graphic Design I (2,2); 3 cr. This course is designed to help graphic designers master professional studio techniques including photo-montage, photo retouching and special photographic effects. It also covers the fundamental software tools and techniques to produce publication and prepare the end product for printing process. *Prerequisite: GDP 217 or FDP 214 or (knowledge of Photoshop)*

GDP 321 Visual Communication (2.2); 3 cr. Students will learn how to approach conceptual problem solving through the use of visual rhetoric and the science of semiotics. The course will also focus on signs and symbols, ideograms, sequential design, publications, and information design whilst taking into consideration the potential audience. *Prerequisite: GDP 223, GDP 227*

GDP 322 Applied Typographic Design (2.2); 3 cr. Students will explore projects of greater complexity; learn how to analyze substantial data, appreciate the design functions of relating ideas and develop logical structural systems to organize information for legible and clear communication. Students will be able to transform manuscripts into printed publications i.e. book design, newspaper, magazine, and instruction manual. They will have to follow a design process to assess typographical text application, expression, hierarchy, sequential design, layout and page systems including production. *Prerequisite: GDP 223, GDP 227*

GDP 413 Print Management and Production (2.2); 3 cr. Covers print methods and print techniques including color separation, film preparation, plate processing and the actual production process. It will also include the choice of papers, printing onto various surfaces, paper engineering and management and finishing processes and binding. *Prerequisite: GDP 321, GDP 322*

GDP 415 Branding for Design (2.2); 3 cr. Students will create the visual corporate identities of products, build the brand marketing strategy, analyze and define the unique selling proposal, and communicate its value. The students will learn how to make professional presentations including documentation of the process. *Prerequisite: GDP 321, GDP 322*

Appendix X

FAAD - Minor in Photography - 18 credits

Rationale

This minor is ideal for students who believe in the alchemy of the still image and its creative and inspiring process. Out of all the visual communication mediums, photography stands out for its power in freezing time and capturing the essence of the real. Used in every discipline, it manages to travel through the eye to reach the mind and engrave its codes in the heart. New digital technologies and traditional techniques are merged here to offer pioneering creative methods in this challenging field.

Students who choose this minor will acquire solid analytical, intellectual and technical skills necessary for the development of a consistent photographic body of work.

It is the hope that such a Minor can enrich the lives of the students by introducing a creative medium and sufficient skill to produce work.

Career opportunities for Student with Minor in Photography.

Students can work as freelancers responding to the creative and artistic needs of the market such as advertising, editorial, fashion, and documentary.

Suggested Program:

Semester 1

PDP 201 Basic Photography (2.2); 3cr.

Semester 2 (Prerequisite: PDP 201 or PDP 216)

PDP 227 Grain to Pixel (2.2); 3cr.

Semester 3 (Prerequisite: PDP 227)

PDP 311 Branding in Photography (2.2); 3cr.

PDP 312 Glamour and Fashion (2.2); 3cr.

Semester 3 (Prerequisite: PDP 312)

PDP 321 Photojournalism and Documentary (2.2); 3cr.

PDP 323 Time and Space (2.2); 3cr.

Course Description

PDP 201 Basic Photography (2.2); 3cr.

An introduction to the camera, dark room, film and processing. Students will learn about basic techniques of exposure, lighting and laboratory.

PDP 227 Grain to Pixel (2.2); 3cr.

Students will learn how to handle and manipulate digital images for diverse outcomes. They will be introduced to professional software for image retouching, montages, collage and special effects.

Prerequisite: PDP 216 or PDP 201

PDP 311 Branding in Photography (2.2); 3cr.

Students learn to analyze a brand and target a given audience. They will be exposed to the process of how to deconstruct the commercial image, through the development of a brief; research, concept to image creation. Through photography students will learn to communicate successfully the image identity of a brand. *Prerequisite: PDP 227 or GDP 222*

PDP 312 Glamour and Fashion (2.2); 3cr.

Creativity and originality in the production of the fashion image and the ability to transmit the stylistic concept is an integrated part of this course. Students will learn to manage the team necessary for glamour shooting, whether in the studio, outdoors or during catwalk. *Prerequisite: PDP 227*

PDP 321 Photojournalism and Documentary (2.2); 3cr.

Students will be aware of the responsibility and integrity of the photographer in capturing the moment and producing striking photographs. They will analyze the photograph in relation to various media while addressing ethical and social issues objectively and grasp a deeper insight of the ambiguity of the message.

Prerequisite: PDP 312

PDP 323 Time and Space (2.2); 3cr.

Students will analyze the cultural meaning of a certain space or place and the signs held within its image. The architectural elements and methods for visual investigation will be explored through the quality and quantity of light in conveying different moods.

Prerequisite: PDP 312

Faculty of Business Administration and Economics Undergraduate Minors

A) Rationale

The Objective of establishing undergraduate academic minors, hereinafter called minors, at NDU is to offer a wide, versatile, and creative spectrum of basic knowledge for students in areas other their major programs of study, an objective that is in line with the American liberal arts model of higher education.

The goal of a Minor is to provide a secondary area of expertise for all students. By combining one of the majors with a Minor, the student is prepared for a greater number of career opportunities and gain more flexibility. In addition, it gives the student the ability to differentiate himself/herself from other students.

Non –Business Students who may in the future enter a Masters of Business Administration program could satisfy part of the foundation requirements with Business courses included in the Minor.

The establishment of undergraduate academic minors is a matter that is totally internal to the university and is outside the scope of governmental licensing and recognition.

The following rules and regulations do not allow students to enroll in the university for the sole purpose of pursuing minor studies.

B) General Rules and Regulations for Minors at NDU

1) Number of Credits for minors

A minor shall consist of 15cr to 18cr. A minor may not include more than two courses (6 credits) which are counted in the student's "Major Requirements" category.

2) Eligibility for Minors

Only enrolled students at NDU and in junior standing and above can declare minors.

3) Declaring Minors

A student wishing to declare a minor should do so through an appropriate request form submitted to the concerned department or Faculty offering the minor. Approval by the latter is required prior to registration.

4) Contract Sheets and Advisors for Minors

Each minor shall have a separate contract sheet specified and supplied by the department or Faculty offering the minor. Students declaring a minor have to follow the corresponding contract sheet with the assistance of an academic advisor, preferably the same person advising the student in his/her major. The student and his advisor are recommended to closely liaise with an advisor from the chosen minor. All academic advisors in the university should be aware of the different minors offered across the university so that they can assist their advisees towards a specific minor.

5) Pursuing More than One Minor

Students are allowed to satisfy the requirements for a maximum of two minors, provided that they do not pursue more than one minor at a time. Accordingly, declaring an additional minor is conditional to either the successful satisfaction of the requirements of an already declared minor or to the official withdrawal from a current minor.

6) Withdrawing from Minors

A student is allowed to officially withdraw from a declared minor no more than twice.

7) Students on Probation

Students on probation cannot declare minors.

8) Passing Grades and GPA's for Minors

The passing grade for a minor shall be specified by the department or Faculty offering the minor, provided that the acceptable overall GPA for any successfully completed minor is not below 2.

9) Overall GPA

A student, with or without a declared minor, shall have one and only one overall GPA including every course taken. A separately calculated GPA for the minor shall be considered by the registrar for the sole aim of judging the successful fulfillment of the requirements for that minor.

10) Minor Courses and Graduate Studies

If any, a student applying for graduate studies is allowed to use earned minor credits as remedial credits upon the approval of the concerned faculty.

11) Graduation and Minors

A registered student pursuing a minor degree with a declared minor is allowed to graduate when the requirements of the major degree are satisfied, even if the requirements of the minor are not. In this case, the minor can be independently completed and acknowledged after graduation.

12) Recognition of Minors by the University

The university shall recognize only a *completed* minor, and solely by a specific acknowledgement of the completion of a minor on the student's transcript of records and, upon though student's request, by an official statement from the registrar. The university does not issue any diploma or certificate recognizing the completion of a minor.

13) Additional Requirements

Within the previously mentioned rules that give the general guidelines for all minors, departments and faculties have the right to state additional requirements for their minors as they deem necessary.

Minor tracks, in principle, are designed to offer knowledge in a certain field of study and to build capacities that will increase the candidates' value vis-à-vis employment and/or promotion opportunities. Based on this we suggest the following:

- **In the Department of Management and Marketing**

I. Minor in Management - 15 credits

In response to great demand from our student body, the Department of Management and Marketing has designed a minor in **Management**. This minor is intended to enhance our students' area of expertise, through acquiring knowledge of management theory and its application, which will allow them to be successful members in the global environment. The world we live in is marked by rapid change. To cope with this rapid geometrically increasing flux, both managers and employees need to handle change as well as manage the day-to-day functions in the market-driven economy.

For those students who come from a business background, this minor will enhance their scope and depth in the managerial area. For those who come from another background, a minor in **Management** will expose them to the key managerial functions of planning, organizing, leading, and controlling, and, in doing so, will increase their level of efficiency and effectiveness in the work context.

Learning Outcomes:

Having obtained a minor in Management, the student will now:

- Use analytic-thinking skills in evaluating management methods and practices, current literature in the management field, and contemporary management models and theories.
- Make effective use of planning, decision-making, and strategic skills in the context of efficient companies.
- Have a working knowledge of traditional organizations and the management practices to run them.
- Understand the importance of the contemporary organization structure, of leading, and of controlling in management.
- Become aware of the practical and intellectual benefits and drawbacks of using team-based management
- Apply basic management concepts in the case study method.

Students are required to use the following table:

Course#	Description	Credits	Prerequisite
BAD 201	Fundamentals of Management	3	None
BAD 317	Organizational Behavior	3	BAD 201

BAD 429	Operations Management	3	Senior Standing
	CHOOSE TWO OF THE FOLLOWING		
BAD 321	Managing a small Business	3	None
BAD 421	International Business Management	3	Senior Standing
BAD 423	Business Research	3	Senior Standing
BAD 433	Business Policy & Strategic Management	3	Senior Standing
BAD 453	e-Business	3	Senior Standing
MGT 202	Business Negotiations	3	MGT 201
MGT 411	Leadership, Quality, and Performance	3	Senior Standing
Total		15	

Suggested Program

First semester: BAD 201

Second semester: BAD 317, and any elective course from the pool

Third semester: BAD 429. and any elective course from the pool

II. Minor in Human Resources Management - 15 credits

Human Resources play a key role in private and public-sector organizations. The minor in Human Resources Management is designed to provide students with the opportunity to broaden their capabilities to enter their chosen fields and/or enhance their career paths at some later time.

Students who graduate with a minor in Human Resources Management will be able to:

- Conduct effective human resource planning for technological innovation in a global environment.
- Describe the importance of internal and external organizational and the impact of their interrelationships on human resource function.
- Explain the processes of job analysis, staffing and compensation, career training, and development.
- Identify various performance appraisal systems and critically evaluate their pros and cons.
- Demonstrate cohesive team-management skills in decision making, communications, motivation, and interpersonal behavior the history of union/management relations and associated major federal, state, and local legislation; executive orders; and court decisions.
- Understand the processes and tools for bargaining, negotiating, and resolving disputes.
- Demonstrate information literacy through the use of commonly accepted quantitative and qualitative analytical research methods to evaluate human resource initiatives and to solve problems.
- Develop effective written and oral communication consistent with the business and professional environment.

Students are required to use the following table:

Course No.	Description	Credits	Prerequisite
MGT 201	Principles of Human Resources Management	3	None
MGT 210	Organizational Staffing	3	MGT 201
MGT 325	Compensation and Reward Systems	3	MGT 210
	CHOOSE TWO OF THE FOLLOWING		
MGT 202	Business Negotiations	3	MGT 201
MGT 312	Training and Career Development	3	MGT 210
MGT 337	Recruitment and Selection	3	MGT 210
MGT 411	Leadership, Quality and Performance	3	Senior Standing
BAD 317	Organizational Behavior	3	BAD 201
BAD 427	Human Resources Management	3	BAD 317
Total		15	

Suggested Program

First semester: MGT 201

Second semester: MGT 210, and any elective course from the pool

Third semester: MGT 325. and any elective course from the pool

III. Minor in Marketing Management - 15 credits

The Marketing Management minor was developed to allow students to broaden their intellectual base and increase their employment opportunities. Many university graduates obtain entry-level jobs which not only allow them to apply the knowledge obtained in their major field, but also require an understanding of marketing principles and practices as a prerequisite for success.

Students will be able to successfully confront problems in areas of marketing management, marketing research, purchasing management, market analysis, product management, retailing sales promotions and international marketing.

Students are required to use the following table:

Course #	Description	Credits	Prerequisite
MRK 201	Fundamentals of Marketing	3	None
MRK 311	Consumer Behavior	3	MRK 201
MRK423	International Marketing	3	MRK 201
	<i>CHOOSE TWO OF THE FOLLOWING</i>		
MRK 205	Principles of Channel Management	3	MRK 201
MRK 313	Salesmanship	3	MRK 311
MRK 321	Promotional Strategy	3	MRK 311
MRK 325	Services Marketing	3	MRK 311
MRK421	Sales Management	3	Senior Standing
MRK 431	Marketing Research	3	MRK 201, STA 207
ECN 212	Principles of Macroeconomics	3	None
MRK 425	Business to Business Marketing	3	MRK 423
Total		15	

Suggested Program

First semester: MRK 201

Second semester: MRK 311, MRK 423

Third semester: Any two courses from the pool

IV. Minor in Distribution & Logistics Management - 15 credits

The following minor is designed to offer knowledge in a certain field of study and to build capacities that will increase the candidates' value vis-à-vis employment and/or promotion opportunities.

Upon completion of minor requirements candidates will be able to:

- Find the best way to distribute a product to customers.
- Manage both product and information flows.
- Handle transportation warehousing, packaging, inventory control, supply scheduling, and order processing.

Distribution management activities are carried out by manufacturers, wholesalers, retailers, public warehouse firms, freight forwarders, and public and private transportation firms. Careers in distribution management provide an individual with the potential for rapid advancement within a firm.

Positions available to students are:

- in transportation,
- purchasing and logistics include physical distribution manager,
- inventory control manager,
- traffic manager,
- distribution center manager,
- distribution planning analyst,
- warehousing/operations manager, and customer service manager.

As such, students will be required to take the three required courses along with another two from a pool of courses available to them as follows:

Students are required to use the following table:

Course #	Description	Credits	Prerequisite
MRK 201	Fundamentals of Marketing	3	
MRK 205	Principles of Channel Distribution	3	MRK 201
MRK 335	Materials & Warehouse Management	3	MRK 205
	<i>CHOOSE TWO OF THE FOLLOWING</i>		
MRK 215	Fundamentals of Purchasing	3	MRK 201
MRK 315	Import-Export Management	3	BAD 315 , MRK 311
MRK 323	Retail Management	3	MRK 205 , MRK 311
MRK 422	Packaging, Warehousing & Inventory Control	3	MRK 335
MRK 345	Logistics & Supply Chain Management	3	MRK 205
MRK 404	Transportation Management	3	MRK 345
MRK 425	Business to Business Marketing	3	MRK 423
Total		15	

Suggested program:

First Semester: MRK 201

Second Semester: MRK 205, MRK 215

Third Semester: MRK 335, MRK 345

- **In the Department of Accounting and Economics.**

I. Minor in Accounting - 15 credits

A Minor in Accounting will provide students with a broad understanding of the examination, organization, management, design and communication, accurate recording and reporting procedures of Financial and Business transactions. The student who graduate with a Minor in Accounting will be able to:

- Demonstrate a basic comprehension of Accounting principles, concepts and technical skills.
- Demonstrate through the evaluation and communication of financial information, the skills to provide information to internal and external users for decision making.
- Show ability to analyze, compare, and evaluate information to provide analysis for short and long term planning.

- Demonstrate knowledge of professional standards of ethics necessary for decision making.
- Use computers and financial software for financial analysis and presentation.

Students are required to use the following table:

Course #	Description	Credits	Prerequisite
ACO 201	Principles of Accounting I	3	---
ACO 202	Principles of Accounting II	3	ACO 201
<i>CHOOSE THREE OF THE FOLLOWING</i>			
ACO 311	Managerial Accounting	3	ACO 202
ACO 313	Intermediate Accounting I	3	ACO 202
ACO 314	Intermediate Accounting II	3	ACO 313
ACO 321	Cost Accounting	3	ACO 311
ACO 323	Accounting Information Systems	3	ACO 202,CSC 201
ACO 350	Corporate Financial Reporting	3	BAF 311
ACO 411	Taxation	3	Senior standing
ACO413	Auditing I	3	ACO 202
ACO 421	Advanced Accounting	3	Senior standing
Total		15	

Suggested Program:

First semester

ACO 201 Principles of Accounting I

Second semester

ACO 202 Principles of Accounting II

Third semester

Two minor electives

Fourth semester

One minor elective

II. Minor in Finance - 15 credits

A Minor in Finance will provide students with a broad understanding of the principles and practices needed to make financial decisions in corporations. The student who graduates with a minor in Finance will be able to:

- Master the current methods for analyzing, interpreting, and reporting financial information.
- Estimate short-and-long terms financing needs.
- Prepare and analyze capital budgeting projects.
- Describe the different dimensions of international finance and trade.
- Think critically, analyze information, and solve problems related to complex financial crises.
- Use computers and financial software for financial analysis and presentation.

Students are required to use the following table:

Course #	Description	Credits	Prerequisite
ACO 201	Principles of Accounting I	3	-----
BAF 311	Principles of Financial Management I	3	ACO 202,STA 206

BAF 312	Principles of Financial Management II	3	BAF 311
	CHOOSE TWO OF THE FOLLOWING		---
BAF 321	Fundamentals of Investments	3	BAF 312, STA 207
BAF 315	Financial Institutions & Markets	3	BAF 311
BAF 352	Commercial & Investment Banking	3	BAF 312, BAF 315
BAF 421	Advanced Investment Finance	3	BAF 321
BAF 433	International Business Finance	3	BAF 311, ECN 212
BAF 438	Credit Analysis & Commercial Lending	3	BAF 312
BAF 450	Futures & Options	3	BAF 321
BAF 452	Financial Modeling	3	BAD 323, BAF 321
BAF 485	Advanced Corporate Finance	3	Senior standing
Total		15	

Suggested Program:

First semester

ACO 201 Principles of Accounting I

Second semester

BAF 311 Principles of Financial Management I

Third semester

BAF 312 Principles of Financial Management II

Fourth semester

Two minor elective courses

III. Minor in Economics - 15 credits

A Minor in Economics is to provide students with the analytical tools which will enable them to apply economic reasoning to problem solving in business, economic and political issues.

A Minor in Economics is an excellent choice for business, political science, public administration and diplomacy majors.

A student who graduates with a minor in economics should be able to:

- Understand the decision making mechanisms of households and firms.
- Understand and analyze economic data
- Use computers and statistical packages to manipulate, read and interpret data
- Evaluate the role of the government in the economy.

Students are required to use the following table:

Course #	Description	Credits	Prerequisite
ECN 211	Principles of Microeconomics	3	-----
ECN 212	Principles of Macroeconomics	3	-----
ECN 431	International Economics	3	ECN 211, 212
	CHOOSE TWO OF THE FOLLOWING		
ECN 321	Intermediate Microeconomic Analysis	3	ECN 211, ECN 212
ECN 323	Intermediate Macroeconomic Analysis	3	ECN 211, ECN 212
ECN 313	Introduction to Econometrics	3	ECN 211, 212
ECN 325	Labor Economics	3	ECN 211, 212
ECN 327	History of Economic Thought	3	ECN 211, 212
ECN 333	Managerial Economics	3	ECN 211, STA 207
ECN 432	Urban Economics	3	Senior standing
ECN 434	Environmental natural Resource Economics	3	ECN 321
ECN 435	Monetary Theory and Policy	3	ECN 211, ECN 212

ECN 436	Public Finance and Fiscal Policy	3	ECN 321, ECN 323
ECN 437	Contemporary Economic Systems	3	ECN 211, ECN 212
ECN 439	Economics of Developing Co	3	ECN 211, ECN 212
Total		15	

Suggested Program:

First semester

ECN 211 Principles of Microeconomics

ECN 212 Principles of Macroeconomics

Second semester

Two minor elective courses

Third semester

One minor elective course

• **In the Department of Hospitality and Tourism Management**

In line with the concentrations offered at the HTM Department, three different minors are presently offered:

I. Minor in Food & Beverage Management - 17 credits

This minor is designated to students who intend to be involved in the food & beverage, restaurant or catering business. The scope of this minor is to give a broad professional understanding to students to the world of restaurants, pubs, catering companies, and the like.

After the completion of this minor the student should:

- Have learned principles, concepts and practices of the F&B industry
- Have the ability to understand the functioning of the main F&B institutions
- Have a basic skills to conduct the basic operations in the F&B institutions

Students are required to use the following table:

Course #	Description	Credits	Pre/Co-requisite
FBM 313	Food Production	3	----
FBM 315	Food Production Lab	1	FBM 313
FBM 324	Restaurant Operations & Floor Management	3	-----
FBM 351	Food, Beverage & Labor Cost Control	3	FBM 313
FBM 381	Internship II: Food & Beverage Operations	1	FBM 324
	<i>CHOOSE TWO OF THE FOLLOWING</i>		
FBM 332	Catering, Functions & Banqueting Management	3	FBM 313
FBM 335	Institutional & Contract Foodservice Management	3	FBM 324
FBM 343	Purchasing for Hospitality Operations	3	FBM 313
FBM 349	International Cuisine	3	FBM 313
FBM 413	Advanced Food Production	3	FBM 313
FBM 424	Restaurant Development & Management	3	FBM 324
FBM 444	Alcoholic Beverages Appreciation	3	
FBM 446	Bartending & Beverage Operations Management	3	Senior Standing
FBM 464	Special Topics in Food & Beverages	3	
HSM 449	Meetings, Conventions, Exhibitions & Events Mgt.	3	
Total		17	

Suggested Program:

First semester

FBM 313 Food Production

FBM 315 Food Production Lab

Second semester

FBM 324 Restaurant Operations & Floor Management

FBM 351 Food, Beverage & Labor cost control

Third semester

Choice of two minor electives

Summer

FBM 381 Internship II: Food & Beverage Operations

II. Minor in Hospitality Services Management - 17 credits

This minor introduces the student to the hospitality branch of the tourism industry, i.e., the world of hotels, clubs, casinos, service institutions, and all other accommodation facilities. After the completion of this minor the student should:

- Have learned the basic principles, concepts and skills required in the hospitality field
- Have a general understanding of the practical functioning of the hospitality institutions
- Have a basic comprehension of the operations of the relative main stakeholders

Students are required to use the following table:

Course #	Description	Credits	Pre/ Co- requisite
TTM 201	Introduction to Tourism & Hospitality Management	3	
HSM 224	Front Office Operations & Management	3	TTM 201
HSM 226	Housekeeping Operations & Management	1	HSM 224
HSM 319	Information Technology in the Hospitality Industry	3	HSM 224
HSM 281	Internship I: Rooms Division Operations	1	HSM 224
	<i>CHOOSE TWO OF THE FOLLOWING</i>		
HSM 205	Principles of Hospitality Financial Accounting	3	TTM 201
HSM 211	Hospitality & Tourism Law	3	TTM 201
HSM 311	Hospitality Managerial Accounting	3	HSM 205
HSM 314	Human Resources Mgt in the Hospitality Industry	3	TTM 201
HSM 334	Resort & Receptions Management	3	
HSM 411	Hospitality Managerial Finance	3	HSM 311
HSM 432	Hospitality Property Management	3	
TTM 237	Hospitality and Tourism Marketing	3	TTM 237
HSM 437	Hospitality Sales & Promotional Techniques	3	TTM 237
HSM 447	Advanced Hospitality & Tourism Marketing	3	
HSM 449	Meetings, Conventions, Exhibitions & Events Mgt	3	
HSM 450	Hospitality Project Planning & Facilities Design	3	
HSM 451	Hospitality Management	3	
HSM 459	Hospitality & Tourism Strategic Management	3	HSM 314
Total		17	

Suggested Program

First semester

TTM 201 Introduction to Tourism & Hospitality Management

HSM 224 Front Office Operations & Management

Second semester

HSM 226 Housekeeping Operations & Management

HSM 319 Information Technology in the Hospitality Industry

One minor elective

Third semester

HSM 281 Internship I: Rooms Division Operations

One minor elective

III. Minor in Travel and Tourism - 16 credits

This minor is intended to introduce the student to the world of Travel & Tourism through travel agencies, airports, tour operators, tourism destinations, and among others sustainable tourism. After the completion of this minor the student should:

- Have a general understanding of the functioning of the tourism industry
- Have a basic comprehension of the operations of the main stakeholders in the industry
- Have learned the basic principles, concepts and skills pertaining to this particular branch in the tourism industry.

Students are required to use the following table:

Course #	Description	Credits	Pre/Co requisite
TTM 201	Introduction to Tourism & Hospitality Management	3	--
TTM 326	Domestic Travel & Tourism Development	3	Junior standing
TTM 342	Travel Agency & Tour Management	3	Junior standing
TTM 382	Internship III: Travel Agency & Tour Operations	1	TTM 342
	CHOOSE TWO OF THE FOLLOWING		
TTM 204	Economics of Tourism	3	--
TTM 237	Hospitality & Tourism Marketing	3	TTM 201
TTM 341	International Air Law	3	--
TTM 344	International Travel & Tourism	3	--
TTM 345	Airline Passenger Services	3	Junior standing
TTM 346	Automated Travel System	3	TTM 342
TTM 440	Tourism & Multicultural Management	3	--
TTM 445	Sustainable Tourism	3	--
TTM 454	Strategic Airline Business Operations	3	--
TTM 462	Special Topics in Travel & Tourism	3	--
Total		16	

Suggested Program:

First semester

TTM 201 Introduction to Tourism & Hospitality Management

Second semester

TTM 326 Domestic Travel & Tourism Development

TTM 342 Travel Agency & Tour Management

Third semester

Choice of two minor electives

Fourth semester

TTM 382 Internship III: Travel Agency & Tour Operations

Faculty of Humanities - Minor in Translation - 16 credits

Rationale for a Minor in Translation

Students who graduate with a degree in Advertising/Marketing, Political Science, Radio/TV, International business, Engineering, among other majors, are often called upon to read, analyze and translate documents that are not written in their mother tongue. Not all young graduates working in an entry level position have access to translation departments, or translators to do this work in their place. It is thus beneficial for students who plan on working in foreign countries or in multinational companies to have notions of translation theory and to have had practical experience before reaching the working world. It is certain that the knowledge of foreign languages is a plus to a young university graduate who wishes to compete with graduates from around the world

Proposal

The NDU minor in Translation would be comprised of 16 credits.

The 16 credits required in the minor will ensure that students have covered the major domains of Translation: theory, judicial, business and mechanical. Literary translation requires a particular background in literature; it is not included in the minor.

Its official title would be:

Minor in Translation Studies

Students in this minor would choose between two language options: Arabic/French **OR** Arabic/ English

Arabic/English Track

Required Courses (16 credits)

TRA 201	Translation Theory and Methodology	3 cr.
TRA 211	Translation of English Contemporary Texts	3 cr.
TRA 301	Translation of English Documents	4 cr.
TRA 331	Mechanical Translation	3 cr.
TRA 401	Translation of English Business Texts	3 cr.

Arabic/French Track

Required Courses (16 credits):

TRA 201	Translation Theory and Methodology	3 cr.
TRA 212	Translation of French Contemporary Texts	3 cr.
TRA 302	Translation of French Documents	4 cr.
TRA 331	Mechanical Translation	3 cr.
TRA 402	Translation of French Business Texts	3 cr.

Students wishing to take a Minor in Translation would sit for an Assessment Exam of each of the languages: Arabic, French. A B grade in English would be required in ENL 213.

Translation Minor Courses

Course Descriptions

TRA 201 Translation Theory and Methodology (3.0); 3 cr. Provides students with a firm foundation of both translation and methodology.

TRA 211 Translation of English Contemporary Texts (3.0); 3 cr. Familiarizes students with different genres and contemporary literature English/Arabic. *Corequisites:* TRA 201, ENL 213.

TRA 212 Translation of French Contemporary Texts (3.0); 3 cr. Familiarizes students with different genres and features of contemporary literature. French/Arabic. *Corequisite:* TRA 201.

TRA 301 Translation of English Documents (3.2); 4 cr. Develops competence in translating official, legal, and judicial English/Arabic texts. *Corequisite:* TRA 212.

TRA 302 Translation of French Documents (3.2); 4 cr. Trains students in translating official, legal, and judicial French/Arabic texts. *Prerequisite:* TRA 212.

TRA 331 Mechanical Translation and Interpretation (3.0); 3 cr. Use of modern equipment in the field of translation and interpretation. *Prerequisites:* TRA 301 or TRA 302.

TRA 401 Translation of English Business Texts (3.0); 3 cr. Aims to train students in interpreting and translating English and Arabic texts which cover diverse areas of business. *Prerequisite:* TRA 301

TRA 402 Translation of French Business Texts (3.0); 3 cr. Trains students in interpreting and translating French and Arabic texts which cover diverse areas of business. *Prerequisite:* TRA 302.

FH - Minor in Arabic - 15 credits

In order to ensure that the course titles in Arabic do indeed correspond to the course description and the course content, The Faculty of Humanities requests the following changes be made in the following 2 course titles:

ARB 317 Modern Arabic Literature in Lebanon would become:

ARB 317 Themes of Modern Arabic Literature in Lebanon (20th Century) (3.0); 3 cr.

Cultural effects and literary evolution are studied through selected texts.

And

ARB 333 Poetry in the Abbasid Era would become:

ARB 333 Modernism in Abbasid Poetry (3.0); 3 cr.

A study of the evolution of poetry in the Abbasid era through selected texts. The renovation trend and its reflection on literature are also addressed. The Sho'ubian movement, Sufism, and their effect on philosophical thought and translations are highlighted.

Rationale for a Minor in Arabic

Students at NDU are in general native speakers of Arabic. They have opted to do their university educations in English at an American style university. They should pay special attention to their mother tongue as it is one of the most valuable tools they possess as they look for career opportunities.

In a globalized world, students need to take advantage of all their gifts in order to compete efficiently. A minor in Arabic would be an added value for students who are planning to work in the Arab world. A minor in Arabic would also benefit students who are planning to work in any creative field. With the information they learn, they will be able to make allusion to history, bring historical characters to life, etc.

The Arabic courses given in the Faculty of Humanities have two purposes: improve the students' general culture through the vehicle of the Arabic language and to improve their ability to write and to express themselves fluently in one of the most sought after languages worldwide.

The minor in Arabic would be of particular benefit to students in the following majors:

Translation and Interpreting
Advertising and Marketing
Journalism
Business
Radio/TV
Political Science and Diplomacy
Engineering

The NDU minor in Arabic would be comprised of 15 credits.
Its official title would be: **Minor in Arabic Language and Literature**

The student would be obliged to take

The two following courses:

ARB 212 Applied Arabic Grammar

ARB 231 Technical Arabic

Two of the following courses

ARB 211 Appreciation of Arabic Literature

ARB 224 Arabic Literature & Human Thought

ARB 317 Themes of Modern Arabic Literature in Lebanon (20th Century)

ARB 333 Modernism in Abbasid Poetry

One of the following courses:

ARB 423 The Evolution of the Critical Movement in Lebanon

ARB 415 The Arabic Modernization Movement

Total number of credits = 15 credits.

Arabic Minor Courses

Course Descriptions

ARB 211 Appreciation of Arabic Literature (3.0); 3 cr. Addresses essential characteristics of literature as well as literature themes, schools, and genres. *Prerequisite:* Sophomore Standing.

ARB 212 Applied Arabic Grammar (3.0); 3 cr. Designed to improve students command of Arabic grammatical structures and their application in discourse. *Prerequisite:* Sophomore Standing.

ARB 224 Arabic Literature and Human Thought (3.0); 3 cr. A study of Arab human thought and its impact on literature.

ARB 231 Technical Arabic (3.0); 3 cr. Designed to train students in using proper Arabic linguistic tools pertaining to various technical, scientific, and professional settings. *Prerequisite:* Sophomore Standing.

ARB 317 Themes of Modern Arabic Literature in Lebanon (3.0); 3 cr. Cultural effects and literary evolution are studied through selected texts.

ARB 333 Modernism in Abbasid Poetry (3.0); 3 cr. A study of the evolution of poetry in the Abbasid era through selected texts. The renovation trend and its reflection on literature are also addressed. The Sho'ubian movement, Sufism, and their effect on philosophical thought and translations are highlighted.

ARB 423 The Evolution of the Critical Movement in Lebanon (3.0); 3 cr. A study of the Lebanese contribution to Arabic criticism, trends of criticism in Lebanon in relation to Arabic criticism in the Modern Age, and the role of journalism in literary criticism.

FH - Minor in English - 18 credits

Rationale

Regardless of a student's major, possessing strong communication skills is essential in today's global economy. The minor in English would help students continue mastering their writing, reading, and oral communication skills through their choice of coursework in Linguistics and/or Literature.

Description

- The NDU minor in English would be comprised of **18 credits**.
- Its official title would be: **Minor in English**
- Students must have passed ENL 213 with a B to be eligible to minor in English.
- Students will choose between the language or the literature option.
- Please note that all **ENL courses at the 200 level** are English communication courses.
- Students must fulfill any prerequisites indicated in the course description.

Requirements

Language Option Requirements

ENL 301 Introduction to the study of Language 3cr.
in addition to:
9 credits at the 300-level
and
6 credits at the 400 level

Literature Option Requirements

LIR 214 Introduction to Literary Genres 3cr.
in addition to:
3 credits at the 200 level.
and
12 credits at the 300 and 400 levels

Course Descriptions

ENL 301 Introduction to the Study of Language (3.0); 3 cr. An introduction to the study of language; its nature, structure, and development. *Prerequisite:* ENL 213

ENL 311 Phonetics (3.0); 3 cr. Study of articulatory phonetics with emphasis on English sound systems. Practice in phonetic transcription. *Corequisite:* ENL 301

ENL 312 Morphology (3.0); 3 cr. Word formation and the attempts to formulate a theory of word structure. *Prerequisite:* ENL 301

ENL 313 Syntax (3.0); 3 cr. Analysis of phrase and sentence structure in English along with their immediate constituents and types. *Prerequisite:* ENL 301

ENL 314 : English Vocabulary (3.0); 3 cr. A detailed study of meaning relationships, with a study of borrowings from other languages. *Prerequisite* ENL 301

ENL 315 Transformational Grammar (3.0); 3 cr. Involves students in solving exercises in a transformational generative syntax of English. Chomsky's grammar models are included. *Prerequisite:* ENL 313

ENL 316 Fundamentals of Discourse Analysis (3.0); 3 cr. Aims at introducing students to the different structural and communicative levels of discourse: textual organization (reference, cohesion, coherence etc.), shared beliefs (presupposition, implicature, given-new information structure, etc.) and conversational analysis (turn-taking, interruptions, etc.). *Prerequisite:* ENL 301

ENL 317 Language Acquisition Theories (3.0); 3 cr. Studies the process by which language develops in humans. Theories concerning first language acquisition as well as second language acquisition are discussed.

ENL 321 Semiotics (3.0); 3 cr. A study of the various patterns of bodily activities, and/or gestures which different English speaking communities systematically use in order to communicate.

ENL 322 Language and Culture (3.0); 3 cr. A study of the cultural matter i.e. customs, traditions, way of thinking; Taboo etc. which influence ‘meaning’ in language use.

ENL 324 Creative Writing (3.0); 3 cr. A course in creative writing through practical experiment, discussion and stylistic study of models. Students will practice both poetry and prose writing.
Corequisite: ENL 213

ENL 411 History of the English Language (3.0); 3 cr. A study of the major phonological, syntactic and lexical developments since Alfred the Great.

ENL 412 Phonology (3.0); 3 cr. Studies phonological theory development. Emphasizes generative phonology of English.

ENL 413 Advanced English Grammar (3.0); 3 cr. Study of English grammar as dealt with by the traditional grammarians. *Prerequisite:* ENL 313

ENL 414 : Sociolinguistics I (3.0); 3 cr. Treats language as a social phenomenon. Linguistic variations, social and contextual factors are studied. *Prerequisite:* ENL 301

ENL 415 Applied Linguistics (3.0); 3 cr. Studies the application of modern linguistics to teaching. Includes contrastive analysis between English and Arabic and error analysis.

ENL 416 Language Theories (3.0); 3 cr. Studies the historical development of linguistic theory with a critical analysis of the competing theories of language.

ENL 417 Introduction to Critical Linguistics (3.0); 3 cr. Looks at language from a functional systemic perspective. It utilizes linguistic techniques (tense, reference, deixis, transitivity, voice, theta roles, modality etc.) in order to uncover implicit ideologies inherent in texts. Texts covered include scientific, religious, literary, political and advertising texts. *Prerequisite:* ENL 301

ENL 421 Varieties of English (3.0); 3 cr. A systematic analysis of the major features/characteristics of the different ‘styles’ of English i.e. commercial, scientific, legal, etc.

ENL 430 Special Topics in Linguistics (3.0); 3 cr. Investigation of special topics of current interest in Linguistics. May be repeated for credit with change of topic. *Prerequisite:* ENL 301

LIR 214 Introduction to Literary Genres (3.0); 3 cr. Studies the essential features of poetry, fiction, and drama. Selections include representative texts by British, Irish, and American literary figures.
Corequisite: ENL 213

LIR 215 Introduction to Literary Criticism (3.0); 3 cr. Presents the basic principles of literary criticism from its beginnings with Plato to the end of the 19th century. *Corequisite:* ENL 213

LIR 216 English Literature to the End of the 19th Century (3.0); 3 cr. Surveys the literary currents and movements of poetry and prose, excluding fiction and drama, from the Anglo-Saxon period to the end of the 19th century.

LIR 217 American Literature to the End of the 19th Century (3.0); 3 cr. Studies major American authors and movements from the Colonial period to the end of the 19th century.

LIR 305 Novel to the End of the 19th Century (3.0); 3 cr. Studies the major developments of the novel from its beginning to the end of the 19th century.

LIR 306 Drama to the End of the 19th Century (3.0); 3 cr. Studies the development of drama from its origins to the end of the 19th century.

LIR 323 Orientalism and Post-Colonial Studies (3.0); 3 cr. Defines Orientalism and Post-Colonialism, and traces their germination and development.

LIR 324 Modern and Contemporary Poetry (3.0); 3 cr. Presents the major works of British and American poets of the 20th century. Contemporary authors are emphasized.

LIR 315 Modern and Contemporary Novel (3.0); 3 cr. Presents the major works of British and American novelists of the 20th century. Contemporary authors are emphasized.

LIR 316 Lebanese Writers (3.0); 3 cr. Studies the major Lebanese-American writers, mainly, Ameen Rihani and Khalil Gibran, better known as Lebanese-immigrant writers, and their impact on both the East and the West.

LIR 325 Science Fiction (3.0); 3cr. Envisioning the advances of science through the exercise of creative imagination, this course on science fiction traces the evolution of its dominant themes, metaphors, and

techniques, and its cultural significance. Subjects raised may include utopia, dystopia, problems of identity(-ies), the flesh and the machine, robotics, cybernetics, cyberpunk, cybertheory, and others. Material covered includes written text, film, and digital representations.

LIR 411 Shakespeare (3.0); 3 cr. Studies the major dramatic works of Shakespeare and his contemporaries.

LIR 412 Modern and Contemporary Drama (3.0); 3 cr. Presents the major works of British and American playwrights of the 20th century. Contemporary authors are emphasized.

LIR 421 Modern and Contemporary Critical Theory (3.0); 3 cr. Presents the major developments of modern and contemporary critical theory from its beginnings with Formalism, passing by New Criticism and Structuralism, to the latest developments in Post-Structuralist theory. Latest trends are stressed. *Prerequisites:* LIR 214 and LIR 215

LIR 422 Urban Studies [“The City as Literary Artefact”] (3.0); 3 cr. Studies the representation of the city as literary artefact based on literary and critical theory paradigms. *Prerequisites:* LIR 214 and LIR 215, *Corequisite* LIR 421

LIR 423 Film and Media Studies (3.0); 3 cr. Presents the juncture between literary theory and the latest developments in film and media studies.

LIR 424 Gender Studies (3.0); 3 cr. Traces themes of gender in literature through the prism of a critical theory that addresses the feminine and masculine.

LIR 425 Women Writers (3.0); 3 cr. Studies the ways female writers have contributed to, challenged, and reshaped the literary tradition. Traces women writers’ choice of themes and genres, the relationship between expectations for women writers and readers and what women wrote, and the changing social role of the woman author writing for herself and for others across several centuries of cultural change.

LIR 426 World Literature (3.0); 3 cr. This course is a critical study of world masterpieces in translation. *Corequisite:* LIR 421

LIR 427 Marketing Literature: The Best-Seller (3.0); 3 cr. Literature as marketed through various institutions such as book prizes, media advertising, reviews, and the role of critical assessment in the formation of canons and counter-canons are explored in connection with the phenomenon of the best-seller. Questions such as how and why best sellers are produced, and how they influence and shape the existing narrative discourse are raised.

LIR 428 Travel Literature (3.0); 3 cr. This course explores the germination and development of travel writing and its influence on cross-cultural awareness; representations of discourse, landscape, and ethnicity; and movements across cultural landscapes through narratives embodied in novels, explorer journals, travelogues, and others.

LIR 430 Special Topics in Literature (3.0); 3 cr. Explores particular authors, topics, themes in depth. May be repeated for credit with change of topic. *Prerequisites:* LIR 214 and LIR 215

FNAS - Minor in Geographic Information Science (GIS) - 15 credits

The main goal behind starting a minor in Geographic Information Science is to provide students from different backgrounds with the capacity to apply GIS in their area of knowledge and to enhance their skills in a rapidly expanding market of computer-based technology.

Geographic Information Science has been growing at an extraordinary rate. In fact, computer cartography has revolutionized traditional cartography to vastly improve map making and visualization of geographic information in a multimedia environment.

Geographic Information Science includes Geographic Information Systems, Global Positioning Systems and Remote Sensing:

- A Geographic Information System (GIS) is a computer-based tool for mapping and analyzing things that exist, and events that happen on earth. GIS technology is a special case of information systems where database consists of features, activities, or events that are definable in space as points, lines, or areas.
- Global Positioning System (GPS) is a satellite system that allows users to collect precise geographic data for use in mapping.
- Remote sensing refers to any technique whereby information about objects and the environment is obtained from a distance with the aid of aircrafts and satellites.

There is a strong demand for people who are trained in Geographic Information Science and this minor will assist the students in finding a large variety of jobs in this rapidly growing field.

Students declaring this minor will receive extensive training in processing vector and raster data, making spatial analysis, GIS modeling, and displaying the information products in a professional cartographic way. Thus, the GIS minor will not only provide the fundamentals of GIS to students without any previous knowledge of GIS, but will prepare them for careers in virtually all areas of the public or private sector where GIS is increasingly in use.

As a summary:

- GIS is very useful for efficient management, thorough policy analysis and cost-effective decision making.
- GIS is a powerful planning and maintenance tool for any business or engineering project.
- GIS mapping, editing and geo-processing is widely deployed in the defense industry and in many social, political and environmental studies.

Admission to the GIS Minor

In addition to the general rules established by the university, there are no special requirements for the GIS Minor. In fact, the multidisciplinary nature of the geographic information science allows students from any field of study, i.e. whose majors include engineering, natural and applied sciences, business, management, marketing, public administration, social sciences, political science, architecture, education and others— to declare this minor.

Course Requirements

Students declaring a minor in GIS are required to take the following 15 credit hours courses as explained in the following schedule:

Suggested Schedule (15 Credits)

First Semester (6 Credits)

CSC	318	Geographic Information Systems	3 cr.
GIS	352	Theories of remote sensing	3 cr.

Second Semester (6 Credits)

GIS	311	Desktop GIS	3 cr.
GIS	441	Cartography, geodesy and GPS	3 cr.

Third Semester (3 Credits)

GIS ³	xxx	GIS Elective	3 cr.
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Course Description

CSC 318 Geographic Information Systems; 3 cr. An introduction to Geographical Information System, data structure and information, topology, attributes and database organization, map basics and cartographic representations, and Remote Sensing &GPS.

GIS 311 - Desktop GIS (3.0); 3 cr. Topics include spatial data entry, data format and structure, maps and raster image registration and rectification, data base design and management, spatial data analysis, and handling all types of geographical data. *Prerequisite:* CSC 318.

GIS 321 - Spatial analysis and Modeling (3.0); 3 cr. Introduction to spatial analysis, vector spatial analysis, network analysis, raster spatial data development, raster analysis, surface modeling, 3-D analysis. *Prerequisite:* GIS 311.

GIS 352 -Theories of Remote Sensing (3.0); 3 cr. Concepts of Remote Sensing, physics of Remote Sensing, introduction to air photo interpretation, photogrammetry, Remote Sensing sensors and platforms, digital image processing, and overview of applications of remote Sensing.

GIS 441 - Cartography, Geodesy and GPS (3.0); 3 cr. This course introduces the nature of cartography, basic geodesy, map projections, scaling, referencing and coordinate systems, cartographic perception and design. It also describes Global Positioning System (GPS), map data collection and design.

GIS 452 Advanced Remote Sensing (3.0); 3 cr. This course focuses on hands on applications of Remote Sensing data collection, data preparation and processing, image distortion, radiometric and geometric corrections, image enhancement and classification, image mosaicking, space triangulation, and digital representation of relief stereoscopy. *Prerequisite:* GIS 352.

³ Choose one of the following courses: GIS 321, GIS 452

FNAS - Minor in Physics - 16 credits

Rationale and Academic Goal

The minor aims at giving students who are literate in mathematics, a basic background to be able to approach any applied or advanced topic in physics. It makes them eligible for graduate work in physics without the need for remedial courses or a disadvantage vis-a-vis physics majors. More specifically, the Minor in Physics will:

- 1- Prepares the students for work on advanced topics in Physics.
- 2- Gives a math major an edge when pursuing a teaching career in sciences and mathematics.
- 4- Gives the engineer more problem-solving techniques, crucial for his/her career.

Public

The Minor proposed is aimed at scientifically minded students who already possess the necessary Maths skills to tackle advanced physics courses. It will be most attractive to engineering and math students.

Courses

The minor in physics consists of the following 5 mandatory courses (16 credits).

PHS 213 Modern Physics	3 cr.
PHS 303 Analytical Mechanics	3 cr.
PHS 415 Thermal & Statistical Physics	3 cr.
PHS 417 Electrodynamics ⁴	3 cr.
PHS 435 Quantum Mechanics	4 cr.

Suggested Sequence of Study (non-binding):

Semester 1:

PHS 213⁵ Modern Physics, 3cr.

Semester 2:

PHS 303 Analytical Mechanics, 3cr.
PHS 417 Electrodynamics, 3cr.

Semester 3:

PHS 415 Thermal and Statistical Physics, 3cr.
PHS 435 Quantum Mechanics, 4cr.

Students are not exempted from the other prerequisites of these courses. One should note that the level of mathematics required in PHS 303 and above is MAT 335 (Partial Differential Equations).

Rules and Regulations:

1. All rules and regulations adopted in the policy of Undergraduate Minors.
 - a. D is the passing grade for each course. However, the minor should be completed with a GPA of 2.0.

4 EEN 330 from the department of Electrical Engineering and Computer and Communication Engineering is equivalent to PHS 417. Students from these majors may ask to replace PHS 417 with EEN 330.

5 This course is part of the programs of Electrical Engineering, Computer and Communication Engineering, and Mathematics.

FPSPAD - Minor in Middle Eastern Studies - 18 credits

Rationale

This program introduces students to the study of the political systems in the Middle East, highlighting the Arab states of the region, but also focusing on Cyprus, Iran, Israel and Turkey. Along with general required Political Science courses, students will take specialized courses on the dialogue of civilizations, human rights – with an emphasis on the Middle East and NGOs in the region – and comparative public administration. The Government and Politics series of courses – including the non-Arab countries of the region – will be tailored around the needs of students interested in working in the MENA region within an international and cross-cultural context. This program will equip students with the knowledge and skills needed to work with international and regional governmental organizations, international corporations, research and advocacy based NGOs and regional and international media outlets. It will also help them bridge the gap between the economies and political systems of Europe and the Middle East and take advantage of the expanding trade relationships within the greater Mediterranean market.

The minor in Middle Eastern Studies would be of particular benefit to students in the following majors and fields of study

- Arabic Literature, Political Science, Public Administration, International Affairs and Diplomacy, Business Administration, Energy Economics, International Business Management, Education, Communication Arts, Advertising and Marketing, Graphic Design
- Sociology, Religion and Philosophy

Proposal

The NDU minor in Middle Eastern Studies would be comprised of 18 credits. Its official title would be: Minor in Middle Eastern Studies. It would be comprised of three core requirements, of three hours each, and three electives, of three hours each, taken from a pool of courses offered in the FPSPAD, FBAE and FHUM.

Core Minor Requirements

POS 353	Governments of the Middle East (3.0); 3 cr.
POS 405	Religion and Politics in the Middle East (3.0); 3 cr.
POS 424	Political Economy of the Middle East (3.0); 3 cr.

Minor Electives

POS 212	Political History of the Middle East (3.0); 3 cr.
NGO 204	Civil Society in the MENA Region (3.0); 3 cr.
NGO 306	NGOs and Development (3.0); 3 cr.
COA 355	Mass Media in Lebanon and the Middle East (3.0); 3 cr.
ARB 336	Literature of Modern Arabic Renaissance (3.0); 3 cr.
POS 303	Government and Politics of Cyprus, Turkey and Iran (3.0); 3 cr.
POS 304	Government and Politics of Israel (3.0); 3 cr.
POS 305	Government and Politics in North Africa (3.0); 3 cr.
POS 306	Government and Politics of Egypt, Syria and Iraq (3.0); 3 cr.
POS 307	Government and Politics in the Arab Gulf (3.0); 3 cr.
POS 308	Human Rights in the Middle East (3.0); 3 cr.
ENR 401	Petroleum in the World Economy (3.0); 3 cr.
ECN 439	Economics of Developing Countries (3.0); 3 cr.
POS 403	Arab-Israeli Conflict (3.0); 3 cr.
REG 412	History of Religious Thought in the Middle East (3.0); 3 cr.
POS 425	Business Law in the Middle East (3.0); 3 cr.

POS 406 Cultural Pluralism in the Middle East (3.0); 3 cr.
IAF 453 Euro-Mediterranean Partnership (3.0); 3 cr.
ARB 415 The Arabic Modernization Movement (3.0); 3 cr.

Total 18 hours

Three core requirements (9 hours): Government, Religion, Political Economy
Three electives (9 hours): Pool of minor electives

Middle Eastern Studies minor courses
Course descriptions

POS 212 Political History of the Middle East (3.0); 3 cr. (*taken from Catalog 07-08*)
A survey of political history and culture of the Mediterranean civilizations.

NGO 204 Civil Society in the MENA Region (3.0); 3 cr. (*taken from Catalog 07-08*)
An analysis of the interaction and networking that take place between NGOs, the State and Non-formal Social Actors in the Middle East, North Africa-region (MENA). A special focus on the typologies of CSO active in the region and the examination of current data from the Arab World.

NGO 306 NGOs and Development (3.0); 3 cr. (*taken from Catalog 07-08*)
A study of the changing role of NGOs in the development process. A special emphasis on how the focus have changed from short-term relief & welfare to a more sustainable and community based approach.

POS 353 Governments of the Middle East (3.0); 3 cr. (*taken from Catalog 07-08*)
A comparative study of the governmental systems and political processes of Middle Eastern countries.

COA 355 Mass Media in Lebanon and the Middle East (3.0); 3 cr. (*taken from Catalog 07-08*)
Communication in Lebanon and the Middle East; cultural, economic, political, and social influences. Role of communication media affecting social change in different countries. *Prerequisite: COA 201*

ARB 336 Literature of Modern Arabic Renaissance (3.0); 3 cr. (*taken from Catalog 07-08*) This course analyses the effects of Western thought on the Eastern Renaissance and its reflection on Arabic literature. Also, the conflict between tradition and evolution is studied through selected texts.

POS 303 Government and Politics of Cyprus, Turkey and Iran (3.0); 3 cr. This course provides an overview of the political systems in these three non-Arab MENA countries, highlighting their ideological, economic, social and cultural variables. It will provide students with insight into the historical and contemporary ties between these countries and the Arab world, focusing on Lebanon and the Eastern Mediterranean in general.

POS 304 Government and Politics of Israel (3.0); 3 cr. This course provides an overview of the political system of Israel, highlighting its ideological, economic, social and cultural variables. It will introduce students to the historical, geopolitical and ideological foundations of the Israeli state, the nature of its institutions and their particular embeddedness in the Arab world, focusing on Lebanon and the Eastern Mediterranean in general.

POS 305 Government and Politics in North Africa (3.0); 3 cr. This course provides an overview of the political systems of the countries of North Africa, with the exception of Egypt, highlighting their ideological, economic, social and cultural variables. It will concentrate on the changing nature of their political systems, their unique relationship with Europe and the current developmental trends in the region of North Africa.

POS 306 Government and Politics of Egypt, Syria and Iraq (3.0); 3 cr. This course provides an overview of the political systems in these three neighboring Arab countries, highlighting their ideological, economic, social and cultural variables. Emphasis will be placed both on the historical, geopolitical and ideological foundations of these three states, the nature of their current institutions and their significance for developments in Lebanon.

POS 307 Government and Politics in the Arab Gulf (3.0); 3 cr. This course provides an overview of the political systems of the countries of the Arab Gulf region, highlighting their ideological, economic, social and cultural variables. It will focus on the diversity within the region, the particular role played by energy and trade and the significance of these states for the Eastern Mediterranean and Lebanon in particular.

POS 308 Human Rights in the Middle East (3.0); 3 cr. Survey of the fundamental political, social and cultural rights of the human being in the MENA region; the course focuses on the principles, conventions, treaties and laws ratified by governments on the international, regional and national levels and the ways through which violations of human rights are documented and countered. Emphasis will be placed on the interplay between the human rights traditions of the West and those on the MENA region.

ENR 401 Petroleum in the World Economy (3.0); 3 cr. *(taken from Catalog 07-08)*

Examination of the structure of the world petroleum industry. Topics covered include: introduction to petroleum industry; market structure; trends in world petroleum markets; demand and supply of petroleum; cost of production of petroleum; petroleum prices; cartels; petroleum cycles and crises; petroleum policies and strategies. *Prerequisite: ECN 321.*

ECN 439 Economics of Developing Countries (3.0); 3 cr. *(taken from Catalog 07-08)*

A study of the economics of developing countries. Topics covered include: meaning of underdevelopment; historical patterns of economic change in the developing countries; population problems; obstacles to development; role of industry and agriculture; inequality of income and wealth distribution; economic planning; foreign aid and indebtedness. *Prerequisites: ECN 211, ECN 212.*

POS 403 Arab-Israeli Conflict (3.0); 3 cr. *(taken from Catalog 07-08)*

A study of the Arab-Israeli conflict and its effects on the legal, economic, and political patterns of the region and the international community.

REG 412 History of Religious Thought in the Middle East (3.0); 3 cr. *(taken from Catalog 07-08)*

This course offers studies on the major theological interpretations of the three monotheistic religions as presented by their major thinkers. *Prerequisite: REG 212.*

POS 425 Business Law in the Middle East (3.0); 3 cr. This course provides an overview of business laws applied in different Arab countries, the different legal systems and their origin. Special attention will be given to corporate legislation, and to the conditions required to start a business in the MENA region. The course analyzes the legal challenges confronting foreign corporations in the region, including the role of culture and business practice.

POS 406 Cultural Pluralism in the Middle East (3.0); 3 cr. Survey of the development of Middle Eastern society focusing on the role of linguistic and confessional minorities, concepts of diversity, ethnic oppression and inter-group relations explored within a comparative historical context. Emphasis will be placed on current theoretical discourse on hybridity, diversity and the roles played by globalization, migration and cyberspace in the region.

POS 405 Religion and Politics in the Middle East (3.0); 3 cr. An exploration of the social, cultural, economic and developmental roles of religion in the Middle East including the challenges, opportunities

and threats that Jewish, Christian and Islamic faith-based political parties and movements are facing in the current context. Emphasis will be placed on the role of religion as a potential force for development, the role of faith-based civil society organizations and the political links to the Mediterranean region and the MENA as a whole.

POS 424 Political Economy of the Middle East (3.0); 3 cr.

Studies the major economies of the Middle East and the political-administrative systems shaping these economies. The issues addressed include: the major economic centers in the Middle East, concentration of wealth and poverty, redistributive justice and the international factors shaping Middle Eastern politics and economics. Emphasis will be placed on theories dealing with the role of the state in shaping economic development and the difficulties faced when implementing policy decisions.

IAF 453 Euro-Mediterranean Partnership (3.0); 3 cr. (taken from Catalog 07-08)

A study of the historical and Evolving relationships between Europe and the Middle East, and the factors of trade, resources, security, and geo-strategic consideration which influence these relationships.

ARB 415 The Arabic Modernization Movement (3.0); 3 cr. (taken from Catalog 07-08) Studies on the development of Arabic poetry in literature and criticism through selected texts.

FPSPAD - Minor in Peace and Conflict Studies - 18 credits

- I. The Importance of Peace and Conflict Studies as an Academic Discipline
- II. The Peace and Conflict Studies Minor's Significance for the Goals and Mission of Notre Dame University
- III. Suggested Design of the Peace and Conflict Studies Minor

I. The Importance of Peace and Conflict Studies as an Academic Discipline

A. Worldwide

Academic and professional programs in peace and conflict studies have considerably grown in number over the last decades to prepare students to become professional conflict resolvers. Universities that are not prepared to host such programs have opted for a minor in peace and conflict studies (e.g. the Justice and Peace Program at Georgetown University, the Justice and Peace Studies Program at the University of St. Thomas, the Certificate in Peace and Justice Studies at the University of San Francisco, etc...). These programs are key in giving students the necessary skills and credentials to:

1. Enroll in a Masters program in conflict resolution
2. Work as crisis management experts, activists, mediators, etc.
3. Widen one's horizons
4. Become active members in peace and justice related organizations (see table 1) and contribute to the many existing peace and conflict journals (see table 2)

Table 1 - Sample of Peace and Justice Studies Associations

Peace and Justice Studies Association (PJSA) International Peace Research Association Foundation (IPRAF) Association for Conflict Resolution (ACR) Consortium on Peace Research, Education, and Development (COPRED)

Table 2 - Sample of Peace and Justice Journals

AC Resolution Magazine Published by Assoc. for Conflict Resolution www.acrnet.org/publications/acresolution.htm	Culture of Peace Online Journal www.copoj.ca
Journal for Peace and Justice Studies Villanova University Center for Peace and Justice Education, Villanova, PA 1988- www.peaceandjustice.villanova.edu/journal	Journal of Conflict Resolution Thousand Oaks, CA: Sage Pub Inc., 1957- 2002 www.jstor.org/journals/00220027.html
Journal of Conflict Studies (Conflict Quarterly, Canada 1980-1995) Fredericton, NB, Canada: University of New Brunswick Centre for Conflict Studies www.lib.unb.ca/Texts/JCS	Journal of Peace Research London, UK: Sage Pub., Ltd., 1964- jpr.sagepub.com

B. In Lebanon

In addition to helping widen their students' academic horizons and increase their employment opportunities, universities in Lebanon have the social responsibility of introducing their students to peace and justice concepts and skills.

Lebanon remains a conflict zone with few grassroots initiatives aimed at managing its disputes. The absence of grassroots inventiveness is the consequence of a shortage in conflict resolution trainings and programs. Conflict resolution education empowers students by imparting the necessary skills and knowledge-base for managing social change and conflict.

The youth's powerlessness in the face of conflict leads it to despair and increase its dependency on the ruling class and/or migrate. Lebanese universities must engage in building a qualified peace taskforce and NDU must take the lead in shaping Lebanon's future conflict resolvers.

II. A Peace and Conflict Studies Minor's Connection to the Goals of Notre Dame University

Though Notre Dame University does not yet offer a Peace and Conflict Studies program, the college has a long and distinguished history of visionary activism and progressive work for peaceful social change. The university has initiated associations and organized a number of events calling for social and environmental justice. To name a few only: the Water Conflict Conference, the Fair Trade project, the Religious Peace Conference, the NGO Management concentration and the like.

In recognition of this history of social consciousness, the statement of purpose of Notre Dame University relates that "[the university] promotes universally accepted humanistic, ethical and spiritual values, and enhances intellectual inquiry and intensifies awareness of human integrity and solidarity". One of the university's aims is "to enhance loyalty to the country based on freedom, justice and equality."

The Notre Dame University catalogue states that since its foundation in 1965, the Maronite Order has been a pioneer in education and improving the lives of the people it serves. A minor in peace and conflict studies is a need to be met in the Lebanese society today. Notre Dame University and the Maronite Order must take the lead in peace education in Lebanon.

Initiating a peace and conflict academic minor would draw from a variety of already established departments –Sociology, Economics, Politics, Psychology, Religion and others. By bringing these varied

disciplines into dialogue and collaboration, the peace and conflict minor would enable a comprehensive and original understanding with which to address the topics of peace and war. A minor that brings established fields of study together through course requirements would also bring students into dialogue.

III. Design of the Peace and Conflict Studies Minor - 18 Credits

9 credits mandatory

POS 315	Conflict Analysis and Intervention: a multitrack approach
POS 405	Diasporas: Conflict and Peacebuilding
POS 425	Understanding and Creating Social Change

9 credits out of a pool of the following courses

IAF 402	Human Rights in International Politics
IAF 411	Conflict Management and Resolution
IAF 333	Terrorism
IAF 407	International and Regional Organizations
NGO 204	Civil Society in the MENA-Region
NGO 307	Religion and Development
POS 319	Democracy and Human Rights
POS 337	Dialogue Among Civilizations
NGO 401	Civil Society and Advocacy
POS240	Law and Society
POS 323	Minority Politics

A. Mandatory courses (9 credits)

POS 315 Conflict Analysis and Intervention: a multitrack approach

Rationale

Conflicts are complicated processes. Choosing an appropriate conflict intervention mechanism is largely dependent on the type of conflict under study. Learning the skills to analyze disputes is required to select the most accurate intervention mechanism.

Course Description

This course introduces students to the different types of conflicts, the potential of each of these conflicts to escalate and the lenses used to analyze them, taking into account their dynamic and the context they are manifesting themselves in during each phase of a conflict's evolution. This course will distinguish between theories, tools, research methods and intervention mechanisms provided by the peace and security disciplines to provide a comprehensive understanding of conflict analysis.

POS 405 Diasporas: Conflict and Peacebuilding

Rationale

Lebanon has a sizeable diaspora. A large number of this diaspora remains involved in Lebanon's politics despite the remoteness of its members from the homeland. Grappling with the nature of the diasporic contributions to the homeland is crucial when contemplating an all-inclusive peacebuilding strategy for Lebanon.

Course Description

This class introduces students to the impact of diasporas on international relations in the 21st century. Students will look at diasporas as communities whose impact needs to be understood in the host country, in the homeland and on the actual diaspora community simultaneously. Because of the ability of migration studies to intersect with development studies, international security and peacebuilding, this course will adopt an interdisciplinary approach to the study of diasporic interactions.

POS 425 Understanding and Creating Social Change

Rationale

Social change is inevitable as the world is in constant flux and development. Social change often ignites rejection and generates conflict. Understanding the nature and patterns of social change helps identify ways that ease transitions and address change-inhibitors.

Course Description

This course identifies the causes and patterns of change and explores the origins and types of movements leading social change. Students will be exposed to change agents and change strategies and will learn how to develop a strategic advocacy plan. They will identify proponents and opponents of change and devise a tactic that ensures enough support for the transformation to be sustainable.

B. Nine credits out of a pool of the following courses

IAF 333 Terrorism

This course studies terrorism in modern times, its definition, its history, its roots, and its geographical spread. Other topics include: state and religious, social, cultural, ethnic, economic and ideological causes of terrorism as well as the international cooperation in the fight against terror.

IAF 411 Conflict Management and Resolution (3.0); 3 cr.

Course Description

This course examines the causes of conflict, its management and neutral resolution. It prepares the student to define the nature of conflict, understand its causes and ramifications, study ways to manage and limit its scope, and then search for solutions. *Prerequisite:* IAF 211 or consent of instructor.

IAF 402 Human Rights in International Politics (3.0); 3 cr.

Course Description

This course covers the conceptual bases of the fundamental rights of the human being. It focuses on international principles, conventions, and treaties signed by governments on the question of human rights at the international, regional and national levels, and the ways and means through which violations of human rights may be documented and countered.

IAF 407 International and Regional Organizations

An examination of the structures, functions, and agencies of the United Nations and other regional international organizations, and their role in the international system. *Prerequisite:* IAF 211 or consent of instructor.

NGO 204 Civil Society in the MENA-Region (3.0); 3 cr.

Course Description

An analysis of the interaction and networking that take place between NGOs, the State and Non-formal Social Actors in the Middle East, North Africa-region (MENA). A special focus on the typologies of CSO active in the region and the examination of current data from the Arab World.

NGO 307 Religion and Development

An exploration of the social and developmental roles of Religion in the Middle East and the challenges, opportunities and threats Islamic and Christian Faith Based Organizations are facing in the current context.

NGO 401 Civil Society and Advocacy (3.0); 3 cr.

An introduction to main concepts, definitions and challenges to advocacy in the Third Sector. This course covers how NGOs are building up their advocacy strategies, what kind of tools that are being applied and how the main stake-holders will be involved in the process.

POS 240 Law and Society

Nature, purposes and sanctions of law sources of law private and public law. Common and civil law, courts and administration of justice. This course is a prerequisite to all law courses. *Prerequisite:* ENL 107.

POS 319 Democracy and Human Rights

The primary aim of this course is to teach students to think critically about the political and cultural dimensions of democracy and human rights. The course focuses on different strategies of democracy and their relationship with human rights, the origins and maintenance of democracy in the modern world, and the process of democratization and its impact on the state stability and on global protection of human rights.

POS 323 Minority Politics (3.0); 3 cr.

Course Description

An examination of the social, cultural and economic factors which affect the political choices of minorities. Analysis of minorities political rights and actions.

POS 337 Dialogue Among Civilizations

Course Description

This course introduces the concepts of tolerance and dialogue and demonstrates how they are the prerequisites for peaceful coexistence. It also emphasizes that terrorism represents the very embodiment of intolerance, thus raising awareness for the need for core values within the national and international communities. Moreover, makes students aware that in our globalizing and increasingly inter-connected world, diverse cultures can provide a needed source of stability and continuity. The challenge is to balance this need against the risk of cultural stagnation. This course assumes that there is no simple solution. Students must always understand that cultures are living, evolving entities, not lifeless artifacts.

Sponsored Research Policy

Final version amended and approved by the BOD on January 30, 2008

Approved by the University Council on August 7, 2008

Preamble

In conformity with its mission as a non-profit educational institution, Notre Dame University – Louaize has always welcomed an added external support for research activities, projects and/or programs. Such support is essential because it facilitates the students' and/or faculty's pursuit of knowledge and its appropriate practical application.

Definition

'Sponsored Research' as used in this policy is a research activity that requires University's facilities, assistance or budget, and, in general, is a research supported and/or funded in whole or in part by an external or internal source.⁶

The external source may be:

- Governmental or non-governmental agencies and/or organizations
- Business firms
- Foundations
- Institutes
- Private companies
- Personal donations
- Fundraising for research
- Others.

The internal source is the University research funds. Based on available funds, NDU partially or fully supports and sponsors competitive research submitted by faculty or students.

General Considerations

1. It is a general and basic policy of NDU to encourage faculty members to engage in fundamental research to further their professional and academic development in serving themselves, the university, and the field of knowledge. However, it is expected that sponsored research be consistent with the academic interests or priorities of the university, or with those of the sponsor of such research.
2. In as much as sponsored research is concerned, faculty members are responsible for the writing of their proposals, and once the approval is granted and an agreement is signed, it is the responsibility of the faculty member to comply with the specific terms and conditions associated with the project, including the provision of progress reports to the funding body and to the VPSRD, and the latter will forward the report(s) to the respective head of unit in the University.
3. Faculty members are expected to maintain budgetary control through the coordination with the University bookkeeping budget, and financial control system.
4. It is the responsibility of the VPSRD's Office to provide the Business Office with the necessary information about the budget, and request the establishment of a project account number and take whatever administrative steps needed for the proper management throughout the period of the research project.
5. In the course of the project period, the Office of the VPSRD should be notified in case of modification of the terms and/or conditions associated with the interconnected agreement. In case of violations of the contract/agreement, the University has the prerogative to query and

⁶ Conferences, seminars, workshops, etc. are not included.

investigate the conditions and actions pertaining to these violations, and to settle such cases according to its adopted set of rules and regulations.

6. Upon completion of the project, the Office of the VPSRD is to be notified by the concerned faculty member(s) (or student) to be able to close the file and instruct the Business Office to lock and settle the account.
7. In principle, the University does not set any limitations or restrictions upon the rights of the faculty or student to disseminate or publish the results of sponsored research unless such limitations or restrictions are incorporated into the research agreement. All embracing, faculty and students protect themselves by adhering to all agreements that may carry limitations or restrictions reviewed by the URB.

Finally, it is the University policy to embark on research based on 'best efforts basis', but professes no guarantee of results.

Research File

With respect to all sponsored research, the file of any research project or program should include the following:

1. A formal research proposal
2. Assistance and/or Budget Justification:
 - A description of the expense or service
 - How it relates to and benefits the project
 - The anticipated cost
 - The time period
 - Any other information that will aid the sponsor in evaluating the proposed cost.
3. The written approval of the concerned Chairperson and Dean. In case of proposals involving faculty members from more than one department or faculty, the written approval of the concerned Chairpersons and Deans is required.

Procedure

A. Proposals sponsored by external source(s)

1. Within the Faculty structure:
 - a) A formal research proposal that requires university facilities, budget and/or assistance must first be submitted to the concerned department (or departments) for initial approval.
 - b) After departmental approval, the proposal should secure the concerned Dean's (or Deans') approval.
 - c) Once approved, the proposal is forwarded by the concerned Dean to the VPAA.
2. Outside the Faculty structure, i.e. through one of the research centers at NDU or through an academic or administrative unit placed outside the Faculties.

These proposals should first secure the initial approval of the concerned Center; then they should be submitted to the URB for review. After, they are forwarded to the VPSRD and President for final approval.

B. Proposals sponsored by NDU

Proposals requesting NDU's support should secure favorable recommendations from the respective and concerned director(s), Chairperson(s), Dean(s), URB and VPAA before they receive final approval from the President.

Evaluation Criteria

The criteria in evaluating a proposed research project include the following:

A. Evaluation of Proposals sponsored by external source(s)

Evaluation of a proposed research project sponsored by an external source should be arranged by: A representative of the sponsoring institution, a specialized faculty member in the concerned Department, and a specialized external scholar, if necessary.

B. Evaluation of Proposals sponsored by NDU

Evaluation of a proposed research project sponsored by NDU should be arranged by: A specialized faculty member in the concerned Department, a member of the URB, and a specialized external scholar, if necessary.

C. Responsibility for the project

When the evaluation reports are submitted to the concerned Director or Chair, a clear evaluation statement of these reports (and of any other relevant aspect) should be submitted by the Director or Chair to the concerned office (next in line in evaluating the project) as indicated above.

D. University Support

A research project that is totally dependent on university support should not involve the University beyond its general capacity. The following are to be considered:

1. Availability of facilities: Equipment, space, library resources, etc.
2. Volume of research in relationship with: The set budget, the number of personnel to be involved, the faculty/staff work load, the administrative attention, etc.

Extra Compensation

The University faculty or staff members who engage in research activities/projects may be compensated for those services they have rendered or have executed along the way (of research or otherwise), and that fall outside the scope of their basic duties (of teaching or research or committee work etc...) as outlined in their letters of appointments or job descriptions with the university.

Faculty compensation for the previously mentioned extra services, must be acknowledged by the appropriate Dean and the VPAA, and must secure the approval of the president.

Extra compensation (for extra work) for staff members must be approved by the Director of Administration and the President.

Potential Conflicts of Interest

Faculty members are expected to:

1. Refrain from accepting research sponsorship from a company, firm or agency that seems to have contradicting or conflicting values with those of the mission of the university.
2. Maintain professional performance in fulfilling their duties to the University and to their research, i.e. to avoid discrepancy between personal interests and professional services, in order to ensure that the academic interest of both the faculty members and the University are well served.

NB: This policy will be put in effect as of October 1, 2008.