

Guideline to help in assessing the equivalence of courses for students transferring to LAU

Notre Dame University			Lebanese American University			
Accounting			Subject	Course #	Title	Credits
Course No.	Course Title	Credits				
ACO 201	Principles of Accounting I	3 cr.	ELEC	200	Elective	3
ACO 202	Principles of Accounting II	3 cr.	ACC	203	Financial Accounting	3
ACO 311	Managerial Accounting	3 cr.	ACC	204	Managerial Accounting	3
ACO 313	Intermediate Accounting I	3 cr.	ACC	311	Intermediate Accounting I	3
ACO 314	Intermediate Accounting II	3 cr.	ACC	312	Intermediate Accounting II	3
ACO 321	Cost Accounting	3 cr.	ACC	302	Cost Accounting	3
ACO 323	Accounting Information Systems	3 cr.	ACC	420	Information Technology Audit	3
ACO 350	Corporate Financial Reporting	3 cr.	ACC	431	Financial Statements Analysis	3
ACO 406	Government and Non-Profit Accounting	3 cr.	ELEC	200	Elective	3
ACO 411	Taxation	3 cr.	ACC	415	Tax Accounting	3
ACO 413	Auditing I	3 cr.	ACC	412	External Auditing	3
ACO 414	Auditing II	3 cr.	ACC	413	Internal Audit	3
ACO 421	Advanced Accounting	3 cr.	ACC	401	Advanced Accounting	3
ACO 481	Accounting Internship	1 cr.	ACC	399	Accounting Internship	1

Actuarial Science & Insurance			Subject	Course #	Title	Credits
Course No.	Course Title	Credits				
ACS 300	Actuarial Problem Solving	1 cr.	ELEC	200	Elective	1
ACS 310	General Insurance	3 cr.	ELEC	200	Elective	3
ACS 314	Actuarial Mathematics I	3 cr.	ELEC	200	Elective	3
ACS 324	Actuarial Mathematics II	3 cr.	ELEC	200	Elective	3
ACS 330	Insurance Law and Regulations	3 cr.	ELEC	200	Elective	3
ACS 424	Pension Fund Mathematics	3 cr.	ELEC	200	Elective	3
ACS 450	Investment and Asset Management	3 cr.	ELEC	200	Elective	3
ACS 460	Multi-life and Multi-Decrement Models	3 cr.	ELEC	200	Elective	3

Advertising			Subject	Course #	Title	Credits
Course No.	Course Title	Credits				
ADM 216	Principles of Advertising	3 cr.	GRA	455	Advertising Design	3
ADM 341	Media Planning	3 cr.	ELEC	200	Elective	3
ADM 351	E-Commerce	3 cr.	ELEC	200	Elective	3
ADM 352	Creativity and Copywriting	3 cr.	ELEC	200	Elective	3
ADM 450	Consumer Activation Programs	3 cr.	ELEC	200	Elective	3
ADM 453	Global Advertising	3 cr.	ELEC	200	Elective	3
ADM 466	Seminar Series in Advertising	1 cr.	ELEC	200	Elective	1
ADM 468	Selected Topics in Advertising 1	3 cr.	ELEC	200	Elective	3
ADM 469	Selected Topics in Advertising 2	3 cr.	ELEC	200	Elective	3
ADM 481	Internship in Advertising	1 cr.	ELEC	200	Elective	1
ADM 490	Senior Study in Advertising	3 cr.	ELEC	200	Elective	3

American Studies			Subject	Course #	Title	Credits
Course No.	Course Title	Credits				
AMS 305	Cultural Pluralism in America	3 cr.	ELEC	200	Elective	3
AMS 316	American History	3 cr.	HST	334	History of North America	3
AMS 408	American Foreign Policy	3 cr.	ELEC	200	Elective	3
AMS 481	American Constitutional Law	3 cr.	ELEC	200	Elective	3

Arabic Language			Subject	Course #	Title	Credits
Course No.	Course Title	Credits				
ARB 101	Arabic Essay Reading and Writing I	3 cr.	ARA	101	Arabic Essay Read. & Writ. I	3
ARB 102	Arabic Essay Reading and Writing II	3 cr.	ARA	101	Arabic Essay Read. & Writ. I	3
ARB 211	Appreciation of Arabic Literature	3 cr.	ELEC	200	Elective	3
ARB 212	Advanced Arabic Grammar	3 cr.	ARA	303	Arabic Grammar and Syntax	3
ARB 224	Arabic Literature and Human Thought	3 cr.	ELEC	200	Elective	3
ARB 231	Technical Arabic	3 cr.	ELEC	200	Elective	3
ARB 302	Practice in Uses of Arabic	3 cr.	ELEC	200	Elective	3
ARB 306	The Modern Arabic Novel and Short Story	3 cr.	ARA	341	Modern Arab. Nov.&Short Story	3
ARB 310	Arabic Theatre	3 cr.	ARA	342	Arabic Drama	3
ARB 317	Themes of Modern Arabic Literature in Lebanon (20th Century)	3 cr.	ARA	344	Trends in Modern Literature	3
ARB 333	Modernism in Abbasid Poetry	3 cr.	ARA	343	Modern Arabic Poetry	3
ARB 415	The Arabic Modernization Movement	3 cr.	ELEC	200	Elective	3
ARB 423	The Evolution of the Critical Movement in Lebanon	3 cr.	ELEC	200	Elective	3

Course No.	Course Title	Credits	Subject	Course #	Title	Credits
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ARB 100	Emphasis A: The Formal Language	3 cr.	ELEC	100	Freshman Elective	3
ARB 104	Emphasis B: The Spoken (Colloquial) Language-The Lebanese Dialect	3 cr.	ELEC	100	Freshman Elective	3
ARB 203	Emphasis A: The Formal Language	3 cr.	ELEC	200	Elective	3
ARB 202	Emphasis B: The Spoken (Colloquial) Language-The Lebanese Dialect	3 cr.	ELEC	200	Elective	3
ARB 205	Emphasis A: The Formal Language	3 cr.	ELEC	200	Elective	3
ARB 204	Emphasis B: The Spoken (Colloquial) Language-The Lebanese Dialect	3 cr.	ELEC	200	Elective	3
ARB 225	Emphasis A: The Formal Language	3 cr.	ELEC	200	Elective	3
ARB 226	Emphasis B: The Spoken (Colloquial) Language-The Lebanese Dialect	3 cr.	ELEC	200	Elective	3

<b>Architecture</b>							
Course No.	Course Title	Credits		Subject	Course #	Title	Credits
ARP 213	Basic Technical Skills	3 cr.		ELEC	200	Elective	3
ARP 215	Cultural Themes in Lebanese Architecture	3 cr.		ELEC	200	Elective	3
ARP 221	Architectural Sketching and Rendering	3 cr.		ARC	240	Sketching	2
ARP 222	Principles of Architectural Design	3 cr.		FND	232	Design Studio I-B	3
ARP 223	Descriptive Geometry	3 cr.		ARC	241	Technical Graphics	2
ARP 224	Applied Architectural Design I	3 cr.		ARC	351	Computer Graphics I	2
ARP 225	Statics for Architecture	3 cr.		ARC	311	Building Systems I	3
ARP 226	Technical Drawing I	3 cr.					
ARP 301	Technical Drawing II	3 cr.	AND	ARC	331	Design Studio III	6
ARP 233	3D Architectural Survey	2 cr.		ARC	342	Technical Graphics III	3
ARP 311	Architectural Design I	6 cr.		ELEC	200	Elective	6
ARP 313	History of Architecture I	3 cr.		ARC	371	History of Architecture I	3
ARP 316	Strength of Materials	3 cr.		ARC	312	Building Systems II	3
ARP 317	Building Technology I	3 cr.		ARC	422	Building Technology II	2
ARP 322	Architectural Design II	6 cr.		ARC	332	Design Studio IV	6
ARP 324	History of Architecture II	3 cr.	AND	ARC	376	Intro. to Islamic Architecture	3
ARP 435	History of Architecture III	3 cr.					
ARP 446	History of Architecture IV	3 cr.		DES	372	History of Architecture II	2
ARP 325	Applied Architectural Design II	3 cr.		ARC	352	Computer Graphics II	2
ARP 327	Structural Analysis	3 cr.		ARC	411	Building Systems III	3
ARP 328	Building Technology II	3 cr.		ARC	521	Building Technology III	2
ARP 422	Lighting Design and Electrical Systems	2 cr.		ARC	524	Environmental Systems II	3
ARP 423	Acoustics	2 cr.		ELEC	200	Elective	2
ARP 424	Bio-climatic Architecture	3 cr.		ELEC	200	Elective	3
ARP 425	Architectural Practice	2 cr.		ARC	585	Professional Practice	2
ARP 433	Architectural Design III	6 cr.		ARC	431	Design Studio V	6
ARP 434	Electrical and Mechanical Systems	3 cr.		ARC	523	Environmental Systems I	3
ARP 438	Reinforced Concrete Design	3 cr.		ARC	412	Building Systems IV	3
ARP 444	Architectural Design IV	6 cr.		ELEC	200	Elective	6
ARP 551	Construction Detailing Studio I	3 cr.	AND	ARC	481	Construction Documents	4
ARP 552	Construction Detailing Studio II	3 cr.					
ARP 553	Specifications and Quantity Surveying	3 cr.		ELEC	200	Elective	3
ARP 554	Surveying and Field Surveying	3 cr.		ELEC	200	Elective	3
ARP 555	Architectural Design V	6 cr.		ELEC	200	Elective	6
ARP 556	Architectural Design VI	6 cr.	AND	ARC	501	Design Workshop I	1
				ARC	531	Design Studio VII	5
ARP 557	Architectural Theories	3 cr.		ARC	363	Theory II	2
ARP 561	Urbanism I	3 cr.		ELEC	200	Elective	3
ARP 562	Urbanism II	3 cr.		ARC	581	Urban Planning I	3
ARP 563	Building Rules & Regulations	3 cr.		ARC	584	Building Codes and Laws	1
ARP 564	Restoration of Monuments	3 cr.		ELEC	200	Elective	3
ARP 565	Landscape Architecture	3 cr.		ARC	404	Landscape design Workshop	2
ARP 566	Basic Industrial Design	3 cr.		ELEC	200	Elective	3
ARP 567	Archaeology	3 cr.		ARC	482	Regional Architecture I	2
ARP 568	Social Architecture	3 cr.		ELEC	200	Elective	3
ARP 569	Project Planning and Management	3 cr.		ELEC	200	Elective	3
ARP 571	Seminar III	3 cr.		ELEC	200	Elective	3
ARP 572	Seminar IV	3 cr.		ELEC	200	Elective	3
ARP 581	Seminar I	2 cr.		ELEC	200	Elective	2
ARP 582	Seminar II	2 cr.		ELEC	200	Elective	2
ARP 583	Design Theory	2 cr.		ARC	452	Computer Animation	3
ARP 584	Topics in Oriental Architecture	2 cr.		ELEC	200	Elective	2
ARP 585	Topics in Japanese Architecture	2 cr.		ELEC	200	Elective	2
ARP 586	Topics in Lebanese Architecture	2 cr.		ARC	483	Regional Architecture II	3
ARP 590	Senior Study	2 cr.		ARC	601	Final Project Research	1
ARP 591	Senior Project I	6 cr.		ELEC	200	Elective	6
ARP 593	Senior Project II	6 cr.		ARC	632	Design Studio X	5

<b>Astronomy</b>			
Course No.	Course Title	Credits	
AST 101	Introduction to the Solar System and Exoplanets	3 cr.	
AST 201	Discovering Astronomy	3 cr.	
AST 210	Introduction to Astronomy and Astrophysics	3 cr.	
AST 320	Astrophysics I: Stars	3 cr.	
AST 321	Astrophysics II: Galaxies	3 cr.	
AST 370	Observational Astronomy	3 cr.	

Subject	Course #	Title	Credits
ELEC	100	Freshman Elective	3
ELEC	200	Elective	3
ELEC	200	Elective	3
ELEC	200	Elective	3
ELEC	200	Elective	3
ELEC	200	Elective	3

<b>Business Administration</b>			
Course No.	Course Title	Credits	
BAD 101	Introduction to Business	3 cr.	
BAD 201	Fundamentals of Management	3 cr.	
BAD 311	Business Law	3 cr.	
BAD 315	International Business	3 cr.	OR
BAD 317	Organizational Behavior	3 cr.	
BAD 321	Managing a Small Business	3 cr.	
BAD 323	Software Tools for Business Applications	3 cr.	
BAD 325	International Business Law	3 cr.	
BAD 329	Labor and Social Security Law	3 cr.	
BAD 421	International Business Management	3 cr.	OR
BAD 423	Business Research	3 cr.	
BAD 425	Quantitative Techniques for Management	3 cr.	
BAD 427	Human Resource Management	3 cr.	
BAD 429	Operations Management	3 cr.	
BAD 431	Ethics in Business	3 cr.	
BAD 433	Business Policy and Strategic Management	3 cr.	
BAD 453	E-Business	3 cr.	
BAD 481	International Business Management Internship	1 cr.	
BAD 482	Management Internship	1 cr.	

Subject	Course #	Title	Credits
BUS	101	Introduction to Business	3
MGT	201	Introduction to Management	3
BUS	213	Business Law and Ethics	3
IBS	311	Manag. Multinat'l Corporation	3
MGT	450	Special Topics in Management	3
MGT	301	Organizational Behavior	3
FEM	311	Small Bus. Start-up Lab	3
ELEC	200	Elective	3
ELEC	200	Elective	3
ELEC	200	Elective	3
IBS	311	Manag. Multinat'l Corporation	3
MGT	450	Special Topics in Management	3
BUS	311	Research Methods	3
QBA	201	Managerial Statistics	3
MGT	441	Human Resources Management	3
OPM	301	Operation and Production Mgt.	3
BUS	450C	Top: Business Ethics	3
MGT	450	Special Topics in Mgt	3
ELEC	200	Elective	3
MGT	399	Management Internship	1
MGT	399	Management Internship	1

<b>Banking &amp; Finance</b>			
Course No.	Course Title	Credits	
BAF 311	Principles of Financial Management I	3 cr.	
BAF 312	Principles of Financial Management II	3 cr.	
BAF 315	Financial Institutions and Markets	3 cr.	
BAF 317	Personal Financial Planning: Concepts and Principles	3 cr.	
BAF 321	Fundamentals of Investments	3 cr.	
BAF 325	Real Estate Principles	3 cr.	
BAF 352	Commercial and Investment Banking	3 cr.	
BAF 421	Advanced Investment Finance	3 cr.	
BAF 433	International Business Finance	3 cr.	
BAF 438	Credit Analysis and Commercial Lending	3 cr.	
BAF 444	International Banking	3 cr.	
BAF 450	Futures and Options	3 cr.	
BAF 452	Financial Modeling	3 cr.	
BAF 461	Special Topics in Finance	1-3 cr.	
BAF 481	Finance Internship	1 cr.	
BAF 485	Advanced Corporate Finance	3 cr.	

Subject	Course #	Title	Credits
FIN	301	Managerial Finance	3
FIN	301	Managerial Finance	3
FIN	302	Financial Institut. & Markets	3
ELEC	200	Elective	3
FIN	301	Managerial Finance	3
ELEC	200	Elective	3
FIN	311	Banking Operations	3
FIN	411	Security Analysis & Port. Mgt.	3
FIN	322	Global Financial Management	3
FIN	311	Banking Operations	3
ELEC	305	Finance Elective	3
FIN	421	Financial Derivatives	3
ELEC	305	Finance Elective	3
ELEC	200	Elective	3
FIN	399	Finance Internship	1
FIN	413	Corporate Finance	3

<b>Biology</b>			
Course No.	Course Title	Credits	
BIO 101	Introduction to Biology	3 cr.	
BIO 201	Your Body in Action	3 cr.	
BIO 203	Discover Biology	3 cr.	
BIO 204	Environmental Biology	3 cr.	
BIO 207	Biochemistry for Nursing	3 cr.	
BIO 211	General Biology I	4 cr.	
BIO 212	General Biology II	4 cr.	
BIO 214	Human Anatomy	3 cr.	
BIO 215	Human Physiology	3 cr.	
BIO 216	Microbiology and Immunology for Nursing	3 cr.	
BIO 217	Pathophysiology	4 cr.	
BIO 218	Histology	3 cr.	
BIO 219	Pathophysiology for Nursing	2 cr.	
BIO 220	Genetics	3 cr.	
BIO 222	Immunology	3 cr.	
BIO 226	Evolution	3 cr.	

Subject	Course #	Title	Credits
BIO	101	Introd. to Biological Sci.	4
ELEC	200	Elective	3
BIO	200	Basic Biology	3
ENV	200	Introd. Environmental Science	3
BCH	300	Essentials of Biochemistry	3
BIO	201	General Biology I	4
BIO	202	General Biology II	4
BIO	343	Anatomy & Physiology	3
BIO	343	Anatomy & Physiology	3
BIO	222	Microbiology, a Hum. Perspective	3
ELEC	200	Elective	4
ELEC	200	Elective	3
ELEC	200	Elective	2
BIO	321	Genetics	3
BIO	420	Virology & Immunology	3
BIO	488	Special Topics in Biology	3



CEN 598	Engineering Design I	1 cr.	ELEC	200	Elective	1
CEN 599	Engineering Design II	2 cr.	ELEC	200	Elective	2

### Chinese

Course No.	Course Title	Credits	Subject	Course #	Title	Credits
CHI 201	Basic Chinese	3 cr.	CHN	201	Beginning Chinese	3
CHI 202	Intermediate Chinese	3 cr.	ELEC	200	Elective	3

### Chemistry

Course No.	Course Title	Credits	Subject	Course #	Title	Credits
CHM 101	General Chemistry I	3 cr.	CHM	101	General Chemistry	4
CHM 102	General Chemistry II	3 cr.	CHM	101	General Chemistry	4
CHM 201	Chemistry in Everyday Life	3 cr.	CHM	200	Essentials of Chemistry	3
CHM 202	Chemistry of Art	3 cr.	ELEC	200	Elective	3
CHM 205	Basic Chemistry	3 cr.	CHM	200	Essentials of Chemistry	3
CHM 211	Principles of Chemistry	3 cr.	CHM	201	Chemical Principles	3
CHM 213	Basic Organic Chemistry	3 cr.	CHM	310	Basic Organic Chemistry	3
CHM 215	Quantitative Analysis	4 cr.	CHM	204	Quantitative Analysis	2
CHM 221	Organic Chemistry I	3 cr.	CHM	311	Organic Chemistry I	3
CHM 222	Organic Chemistry II	3 cr.	CHM	312	Organic Chemistry II	3
CHM 270	Basic Chemistry Lab	1 cr.	ELEC	200	Elective	1
CHM 271	Principles of Chemistry Laboratory	1 cr.	ELEC	200	Elective	1
CHM 272	Organic Chemistry Laboratory	2 cr.	AND	CHM 313	Organic Chemistry I Lab	1
				CHM 314	Organic Chemistry II Lab	1
CHM 273	Organic Chemistry Laboratory	1 cr.	CHM	313	Organic Chemistry I Lab	1
CHM 321	Physical Chemistry I	3 cr.	CHM	330	Physical Chemistry I	4
CHM 322	Physical chemistry II	4 cr.	CHM	332	Physical Chemistry II	3
CHM 325	Inorganic Chemistry	4 cr.	CHM	420	Inorganic Chemistry	4
CHM 326	Inorganic Chemistry I	4 cr.	ELEC	200	Elective	4
CHM 327	Inorganic Chemistry II	3 cr.	ELEC	200	Elective	3
CHM 331	Organic Identification and Structure	3 cr.	CHM	412	Syn. & Id. of Org. Compounds	2
CHM 335	Biological Chemistry	3 cr.	BCH	301	Introduction to Biochemistry	4
CHM 372	Advanced Synthesis Laboratory	2 cr.	CHM	424	Syn. & Id. of Nanomaterials	2
CHM 415	Environmental Chemistry I	3 cr.	CHM	340	Environmental chemistry	3
CHM 416	Environmental Chemistry II	3 cr.	CHM	340	Environmental chemistry	3
CHM 420	Industrial Chemistry I: Unit Operations	3 cr.	ELEC	200	Elective	3
CHM 421	Industrial Chemistry II: Chemical Processes	3 cr.	ELEC	200	Elective	3
CHM 425	Modern Methods of Organic Synthesis	3 cr.	ELEC	200	Elective	3
CHM 427	Pharmaceutical Chemistry	3 cr.	PHA	312	Medicinal Chemistry I	3
CHM 428	Drug Design and Action	3 cr.	ELEC	200	Elective	3
CHM 430	Polymer Chemistry	3 cr.	CHM	403	Polmer Science	3
CHM 431	Atmospheric Chemistry & Pollution	3 cr.	ELEC	200	Elective	3
CHM 432	Chemistry & Processing of Food	3 cr.	NUT	312	Food Chemistry	3
CHM 433	Soil Chemistry & Pollution	4 cr.	ELEC	200	Elective	4
CHM 434	Materials Chemistry	3 cr.	CHM	402	Chemistry of Materials	3
CHM 440	Instrumental Analysis	4 cr.	CHM	401	Instrumental Chemical Analysis	3
CHM 490	Chemistry Project	1, 2 or 3 cr.	CHM	499	Senior Study - Chemistry	3

### Communication

Course No.	Course Title	Credits	Subject	Course #	Title	Credits
COA 201	Mass Media Essentials	3 cr.	ELEC	200	Elective	3
COA 203	Make up and Color	1 cr.	ELEC	200	Elective	1
COA 204	Set Design	1 cr.	ELEC	200	Elective	1
COA 205	Archive Organization	1 cr.	ELEC	200	Elective	1
COA 210	Stage Acting	3 cr.	OR	PFA 241	Introduction to Acting	3
				COM 241	Introduction to Acting	3
COA 213	History of Film	3 cr.	ELEC	200	Elective	3
COA 215	History of the Theater	3 cr.	ELEC	200	Elective	3
COA 216	Sacred Drama: Gods Muses and the Storyteller	3 cr.	ELEC	200	Elective	3
COA 223	Speech Communication	3 cr.	ELEC	200	Elective	3
COA 225	Lighting I	2 cr.	ELEC	200	Elective	2
COA 226	Lighting II	2 cr.	ELEC	200	Elective	2
COA 230	Information Gathering and Analysis	3 cr.	ELEC	200	Elective	3
COA 252	Principles of Public Relations	3 cr.	COM	213	Intro. to Public Relations	3
COA 270	Studio Workshop I	1 cr.	ELEC	200	Elective	1
COA 272	Workshop in Audio and Video	2 cr.	ELEC	200	Elective	2
COA 273	Workshop in Audio Video and Film	2 cr.	ELEC	200	Elective	2
COA 275	Editing I	2 cr.	OR	TVF 317	Editing	3
				COM 332	Editing	3
COA 276	Editing II	2 cr.	ELEC	200	Elective	2
COA 310	Scriptwriting	3 cr.	OR	TVF 316	Script Writing	3
				COM 326	Writing for TV and Film	3
COA 311	Radio Programming	3 cr.	OR	PFA 317	Recording&Sound Reinforce.Tech	3



CSC 273	Workshop in Computer Aided Architectural Design	3 cr.	ELEC	200	Elective	3
CSC 277	Software Packages for Computer Graphics I	3 cr.	ELEC	200	Elective	3
CSC 278	Software Packages for Computer Graphics II	3 cr.	ELEC	200	Elective	3
CSC 279	Software Packages for Computer Graphics III	3 cr.	ELEC	200	Elective	3
CSC 301	Management Information Systems	3 cr.	ELEC	200	Elective	3
CSC 305	System Analysis and Design	3 cr.	ELEC	200	Elective	3
CSC 306	Web Design	3 cr.	ELEC	200	Elective	3
CSC 311	Theory of Computation	3 cr.	ELEC	200	Elective	3
CSC 312	Computer Architecture	3 cr.	ELEC	200	Elective	3
CSC 313	Data structures using C++	3 cr.	CSC	245	Objects & Data Abstraction	3
CSC 314	Programming Languages	3 cr.	ELEC	200	Elective	3
CSC 316	Computers Security and Their Data	3 cr.	CSC	435	Computer Security	3
CSC 318	Geographic Information Systems	3 cr.	ELEC	200	Elective	3
CSC 323	Object-Oriented Programming Using C++	3 cr.	ELEC	200	Elective	3
CSC 325	Analysis of Algorithms	3 cr.	ELEC	200	Elective	3
CSC 343	Character Animation	3 cr.	ELEC	200	Elective	3
CSC 371	Workshop in Advanced Programming	1 cr.	ELEC	200	Elective	1
CSC 372	Mathematical Software Packages	1 cr.	ELEC	200	Elective	1
CSC 375	Computer Modeling and Simulation	3 cr.	ELEC	200	Elective	3
CSC 376	Applied Security lab	1 cr.	ELEC	200	Elective	1
CSC 385	Internet Computing	3 cr.	ELEC	200	Elective	3
CSC 387	Advanced programming using Java	3 cr.	ELEC	200	Elective	3
CSC 412	Introduction to Computer Graphics	3 cr.	ELEC	200	Elective	3
CSC 414	Applied Operating Systems	3 cr.	ELEC	200	Elective	3
CSC 415	Introduction to Operating Systems	3 cr.	ELEC	200	Elective	3
CSC 417	Advanced Programming Technologies	3 cr.	ELEC	200	Elective	3
CSC 422	Introduction to Image Processing	3 cr.	ELEC	200	Elective	3
CSC 423	Software Engineering	3 cr.	ELEC	200	Elective	3
CSC 425	Data Communications and Computer Networks	3 cr.	CSC	430	Computer Networks	3
CSC 426	Principles of Database Systems	3 cr.	ELEC	200	Elective	3
CSC 430	Computer Graphics and Animation	3 cr.	ELEC	200	Elective	3
CSC 431	Compiler Design	3 cr.	ELEC	200	Elective	3
CSC 432	Introduction to Artificial Intelligence	3 cr.	ELEC	200	Elective	3
CSC 433	Applied Artificial Intelligence	3 cr.	ELEC	200	Elective	3
CSC 435	Operating Systems and Networks	3 cr.	ELEC	200	Elective	3
CSC 443	Computer Games Design	3 cr.	ELEC	200	Elective	3
CSC 446	Applied Database Systems	3 cr.	ELEC	200	Elective	3
CSC 456	Data Mining	3 cr.	ELEC	200	Elective	3
CSC 476	Database Programming lab	1 cr.	ELEC	200	Elective	1
CSC 463	Advanced Software Development	3 cr.	ELEC	200	Elective	3
CSC 475	Network Programming Lab	1 cr.	ELEC	200	Elective	1
CSC 480	Internship	1 cr.	ELEC	200	Elective	1
CSC 485	Seminar	3 cr.	ELEC	200	Elective	3
CSC 490	Senior Study	3 cr.	ELEC	200	Elective	3

<b>Economics</b>		
Course No.	Course Title	Credits
ECN 101	Fundamentals of Economics	3 cr.
ECN 200	Survey of Economics	3 cr.
ECN 211	Principles of Microeconomics	3 cr.
ECN 212	Principles of Macroeconomics	3 cr.
ECN 308	Quantitative Techniques	3 Cr.
ECN 313	Introduction to Econometrics	3 cr.
ECN 314	Applied Econometrics and Time Series	3 cr.
ECN 321	Intermediate Microeconomics	3 cr.
ECN 323	Intermediate Macroeconomics	3 cr.
ECN 325	Labor Economics	3 cr.
ECN 327	History of Economic Thoughts	3 cr.
ECN 333	Managerial Economics	3 cr.
ECN 431	International Economics	3 cr.
ECN 432	Urban Economics	3 cr.
ECN 433	Game Theory	3 cr.
ECN 434	Environmental and Natural Resource Economics	3 cr.
ECN 435	Monetary Theory and Policy	3 cr.
ECN 436	Public Finance and Fiscal Policy	3 cr.
ECN 437	Contemporary Economic Systems	3 cr.
ECN 439	Economics of Developing Countries	3 cr.
ECN 450	Research Methods	2 cr.
ECN 481	Seminar in Economics	1 cr.
ECN 482	Internship	1 cr.

Subject	Course #	Title	Credits
ECO	101	Survey of Economics	4
ELEC	200	Elective	3
ECO	201	Micro Economics	3
ECO	202	Macro Economics	3
ECO	304	Math. Methods for Economics	3
ECO	332	Introductory Econometrics	4
ELEC	200	Elective	3
ECO	305	Intermediate Microeconomics	3
ECO	306	Intermediate Macroeconomics	3
ELEC	200	Elective	3
ECO	346	Found. of Political Economy	3
ECO	301	Managerial Economics	3
ECO	335	International Economics	3
ECO	402	Sp.Top.ECO:Ev.Public Pol.	3
ECO	402	Sp.Top.ECO:Ev.Public Pol.	3
ECO	320	Environ., Res., & Energy Eco.	3
ECO	420	Monetary Theory & Policy	3
ECO	422	Public Finance	3
ECO	344	Economics, Ethics & Philosophy	3
ECO	311	Economic Development	3
ELEC	200	Elective	2
ELEC	200	Elective	1
ELEC	200	Elective	1

Education		
Course No.	Course Title	Credits
EDU 101	Education for life	3 cr.
EDU 201	Introduction to Education	3 cr.
EDU 202	Introduction to Education	2 cr.
EDU 212	Sociological Perspectives on Schools	3 cr.
EDU 213	Human Growth and Development	3 cr.
EDU 203	Lebanese Arabic Sign Language I	3 cr.
EDU 214	Youth in Contemporary Society	3 cr.
EDU 301	Introduction to Arts Education	3 cr.
EDU 302	Introduction to the Education of the Mentally Disabled	3 cr.
EDU 303	Introduction to the Education of Students with Learning Disabilities	3 cr.
EDU 311	Children's Literature	3 cr.
EDU 313	Psychology of Education: Learning	3 cr.
EDU 314	Educational Psychology	3 cr.
EDU 315	Literary Criticism	3 cr.
EDU 322	Education of Talented and Gifted Students	3 cr.
EDU 323	Behavioral Problems of Exceptional Students	3 cr.
EDU 324	Counseling in Special Education	3 cr.
EDU 325	The Needs of the Disabled	3 cr.
EDU 330	Curriculum Development and Evaluation: Elementary	3 cr.
EDU 331	Curriculum Development and Evaluation: Secondary	3 cr.
EDU 332	Curriculum Development and Evaluation: Early Childhood	3 cr.
EDU 333	Curriculum Development and Evaluation: the Disabled	3 cr.
EDU 340	Teaching Reading Skills	3 cr.
EDU 341	Reading Skills for the Gifted	3 cr.
EDU 342	Instructional Strategies for the Disabled	3 cr.
EDU 343	Classroom Management	3 cr.
EDU 344	School Libraries	3 cr.
EDU 345	Methods of Teaching Arabic Language and Literature	3 cr.
EDU 350	Methods of Teaching: Elementary	3 cr.
EDU 351	Methods of Teaching English as Foreign Language	3 cr.
EDU 352	Methods of Teaching Mathematics	3 cr.
EDU 353	Methods of Teaching Science	3 cr.
EDU 354	Methods of Teaching Social Studies	3 cr.
EDU 355	Methods of Teaching: Early Childhood	3 cr.
EDU 356	Methods of Teaching: the Handicapped	3 cr.
EDU 357	Methodology of Teaching: Learning Disabilities	3 cr.
EDU 358	Education for Peace	3 cr.
EDU 359	Curriculum Design	2 cr.
EDU 360	Instructional Technology	3 cr.
EDU 361	Applications of Computers in Teaching	3 cr.
EDU 362	Education and the Lebanese Law	3 cr.
EDU 401	Intercultural Communication	3 cr.
EDU 402	Foundations of Counseling Services	3 cr.
EDU 411	Early Childhood Education	3 cr.
EDU 412	Gender and Human Interaction	3 cr.
EDU 413	Early Childhood General Health Nutrition and Safety	3 cr.
EDU 414	Writing Styles and Textual Analysis	3 cr.
EDU 420	Crisis Intervention	3 cr.
EDU 421	Children at Risk	3 cr.
EDU 422	Learning and Behavioral Difficulties	3 cr.
EDU 430	Measurement and Evaluation: Elementary	3 cr.
EDU 431	Measurement and Evaluation in English	3 cr.
EDU 432	Tests, Measurement and Evaluation in Mathematics	3 cr.
EDU 433	Tests, Measurement and Evaluation in Science	3 cr.
EDU 434	Tests, Measurement and Evaluation in Social Studies	3 cr.

Subject	Course #	Title	Credits
ELEC	100	Freshman Elective	3
EDU	201	Fundamentals of Education	3
ELEC	380	Education Elective	2
EDU	201	Fundamentals of Education	3
ELEC	380	Education Elective	3
ELEC	200	Elective	3
ELEC	200	Elective	3
ART	333	Art Education	3
ELEC	200	Elective	3
ELEC	200	Elective	3
ELEC	380	Education Elective	3
EDU	204	Educational Psychology	3
EDU	204	Educational Psychology	3
ELEC	200	Elective	3
ELEC	200	Elective	3
ELEC	200	Elective	3
ELEC	200	Elective	3
ELEC	200	Elective	3
ELEC	200	Elective	3
ELEC	380	Education Elective	3
ELEC	380	Education Elective	3
ELEC	380	Education Elective	3
ELEC	380	Education Elective	3
EDU	203	Reading across the Curriculum	3
ELEC	200	Elective	3
ELEC	200	Elective	3
ELEC	200	Elective	3
ELEC	380	Education Elective	3
ELEC	380	Education Elective	3
EDU	344	Pedagogical Cont.Knowl/English	3
EDU	342	Pedagogical Cont. Knowl./Math	3
EDU	343	Pedagogical Cont.Knowl/Science	3
EDU	345	Pedagogical Cont.Knowl/Soc.Std	3
ELEC	380	Education Elective	3
ELEC	200	Elective	3
ELEC	380	Education Elective	3
ELEC	380	Education Elective	3
ELEC	380	Education Elective	2
ELEC	200	Elective	3
EDU	310	Computers in Education	3
ELEC	200	Elective	3
ELEC	200	Elective	3
ELEC	200	Elective	3
ELEC	380	Education Elective	3
ELEC	200	Elective	3
ELEC	380	Education Elective	3
ELEC	380	Education Elective	3
ELEC	380	Education Elective	3
ELEC	380	Education Elective	3
ELEC	380	Education Elective	3
EDU	332	Educational Assessment	3
ELEC	380	Education Elective	3
ELEC	380	Education Elective	3
ELEC	380	Education Elective	3
ELEC	380	Education Elective	3
ELEC	380	Education Elective	3





EEN 436	Fiber Optics	3 cr.
EEN 439	Electromagnetics Laboratory	1 cr.
EEN 442	Computer Networks	3cr.
EEN 443	Communication Systems II	3 cr.
EEN 444	Communication Systems Laboratory	1 cr.
EEN 452	Fundamentals of Power Engineering	3 cr.
EEN 453	Electric Drives	3 cr.
EEN 455	Power Electronics	3 cr.
EEN 456	Power Electronics Laboratory	1 cr.
EEN 457	Industrial Electrification	3 cr.
EEN 461	Digital Control	3 cr.
EEN 462	Control Systems Laboratory	1 cr.
EEN 473	Special Topics in Electrical Engineering	3 cr.
EEN 480	Discrete-Time Signal Processing	3 cr.
EEN 481	Signal Processing Laboratory	1 cr.
EEN 489	Approved Professional Training	1 cr.
EEN 534	Radar Systems and Remote Sensing	3 cr.
EEN 546	Algebraic Coding and Information Theory	3 cr.
EEN 548	Wireless Communications	3 cr.
EEN 553	Power System Analysis	3 cr.
EEN 598	Engineering Design I	1 cr.
EEN 599	Engineering Design II	2 cr.

ELEC	200	Elective	3
ELEC	200	Elective	1
ELEC	200	Elective	3
ELEC	200	Elective	3
ELEC	200	Elective	1
ELEC	200	Elective	3
ELEC	200	Elective	3
ELEC	200	Elective	1
ELEC	200	Elective	3
ELEC	200	Elective	3
ELEC	200	Elective	3
ELEC	200	Elective	1
ELEC	200	Elective	3
ELEC	200	Elective	3
ELEC	200	Elective	3
ELEC	200	Elective	1
ELEC	200	Elective	3
ELEC	200	Elective	3
ELEC	200	Elective	3
ELEC	200	Elective	1
ELEC	200	Elective	2

**Euro-Mediterranean Studies**

Course No.	Course Title	Credits
EMS 303	Modern European Thought	3 cr.
EMS 371	European Civic Politics	3 cr.
EMS 373	Politics and Culture of Germany	3 cr.
EMS 391	European Politics	3 cr.
EMS 490	Senior Study: Special Topics in Euro-Mediterranean Studies	3 cr.

Subject	Course #	Title	Credits
CST	203	Cultural Studies III	3
ELEC	200	Elective	3
ELEC	200	Elective	3
POL	426	Politics of the European Union	3
ELEC	200	Elective	3

**Engineering**

Course No.	Course Title	Credits
ENG 201	Introduction to Engineering	3 cr.
ENG 202	Computers and Engineering	3 cr.
ENG 210	Introduction to Engineering Economy	3 cr.
ENG 310	Ethics in Engineering	3 cr.

Subject	Course #	Title	Credits
ELEC	200	Elective	3
ELEC	200	Elective	3
ELEC	200	Elective	3
ELEC	200	Elective	3

**English**

Course No.	Course Title	Credits
ENL 105	College English I	5 cr.
ENL 110	College English II	3 cr.
ENL 111	Public Speaking	3 cr.
ENL 213	Sophomore English Rhetoric	3 cr.
ENL 223	Communication Arts	3 cr.
ENL 230	English in the Workplace	3 cr.
ENL 301	Introduction to the Study of Language	3 cr.
ENL 311	Phonetics	3 cr.
ENL 312	Morphology	3 cr.
ENL 313	Syntax	3 cr.
ENL 314	English Vocabulary	3 cr.
ENL 315	Transformational Grammar	3 cr.
ENL 316	Fundamentals of Discourse Analysis	3 cr.
ENL 317	Language Acquisition Theories	3 cr.
ENL 321	Semiotics	3 cr.
ENL 322	Language and Culture	3 cr.
ENL 324	Creative Writing	3 cr.
ENL 411	History of the English Language	3 cr.
ENL 412	Phonology	3 cr.
ENL 413	Advanced English Grammar	3 cr.
ENL 414	Sociolinguistics I	3 cr.
ENL 415	Applied Linguistics	3 cr.
ENL 416	Language Theories	3 cr.
ENL 417	Introduction to Critical Linguistics	3 cr.
ENL 421	Varieties of English	3 cr.
ENL 430	Special Topics in Linguistics	3 cr.

OR

Subject	Course #	Title	Credits
ENG	101	Academic English I	3
ENG	102	Academic English II	3
COM	203	Fund. of Oral Communication	3
ENG	203	Fund. of Oral Communication	3
ENG	202	Advanced Academic English	3
ELEC	200	Elective	3
ELEC	200	Elective	3
ENG	213	Introduction to Language	3
ELEC	200	Elective	3
ELEC	200	Elective	3
ELEC	200	Elective	3
ELEC	200	Elective	3
ELEC	200	Elective	3
ENG	366	Creative Writing	3
ENG	281	Lang.&Change:Past,pres.&future	3
ELEC	200	Elective	3
ELEC	200	Elective	3
ELEC	200	Elective	3
ELEC	200	Elective	3
ELEC	200	Elective	3
ELEC	200	Elective	3
ELEC	200	Elective	3
ENG	499	Senior Study	3

**Environmental Science**

Course No.	Course Title	Credits
ENS 201	Introduction to Environmental Science	3 cr.
ENS 202	The Environment and Sustainable Development	3 cr.

Subject	Course #	Title	Credits
ENV	200	Introd. Environmental Science	3
ENV	200	Introd. Environmental Science	3

ENS 205	Environment Society and Ethics	3 cr.
ENS 206	Ecotourism	3 cr.
ENS 303	Ecology	3 cr.
ENS 312	Environmental Health	3 cr.
ENS 321	Soil Pollution	3 cr.
ENS 322	Water Pollution	3 cr.
ENS 323	Air Pollution	3 cr.
ENS 332	Plants and Pollution	3 cr.
ENS 420	Energy Resources	3 cr.
ENS 422	Pollution of Marine Environment	3 cr.
ENS 423	Water and Wastewater Quality and Treatment	3 cr.
ENS 424	Conservation Biology	3 cr.
ENS 425	Forest Resource Conservation	3 cr.
ENS 430	Solid Waste Management	3 cr.
ENS 431	Industrial Waste Management	3 cr.
ENS 440	Environmental Natural Hazards	3 cr.
ENS 441	Mitigation Measures and Policies	3 cr.
ENS 450	Environmental Impact Assessments	3 cr.
ENS 451	Environmental Biotechnology	3 cr.
ENS 471	Field and Laboratory Work	3 cr.
ENS 475	Selected Topics in Environmental Science	3 cr.
ENS 485	Seminar	2 cr.
ENS 490	Senior Project	3 cr.
ENS 495	Research in Environmental Science	1, 2 or 3 cr.

ENV	200	Intro. Environmental Science	3
ELEC	200	Elective	3
ENV	200	Intro. Environmental Science	3
ENV	200	Intro. Environmental Science	3
ENV	200	Intro. Environmental Science	3
ENV	200	Intro. Environmental Science	3
ENV	200	Intro. Environmental Science	3
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ENV	200	Intro. Environmental Science	3
ENV	200	Intro. Environmental Science	3
ENV	200	Intro. Environmental Science	3
ENV	200	Intro. Environmental Science	3
ENV	200	Intro. Environmental Science	3
ELEC	200	Elective	2
ELEC	200	Elective	3
ELEC	200	Elective	3

**Arts and Crafts**

Course No.	Course Title	Credits
FAC 213	History of Decorative Arts and Craft	3 cr.
FAC 222	Conceptual Visual Thinking: Art and Craft	3 cr.
FAC 223	Applied Modelling and Rendering I	3 cr.
FAC 325	Contextual Studies in Modern and Contemporary Crafts	3 cr.
FAC 331	Pottery & Ceramics	3 cr.
FAC 332	Application in Fibers	3 cr.
FAC 333	Metalsmithing	3 cr.
FAC 334	Wood	3 cr.
FAC 341	Glazing and Surface Effects	3 cr.
FAC 342	Surface Design	3 cr.
FAC 343	Jewelry	3 cr.
FAC 344	Wood and Furniture	3 cr.
FAC 345	Applied Modelling and Rendering II	3 cr.
FAC 431	Architectural Ceramics	3 cr.
FAC 432	Concepts in Contemporary Fibers	3 cr.
FAC 433	Contemporary Jewelry	3 cr.
FAC 434	Special Topic: Wood and other Material	3 cr.
FAC 445	Senior Studio Craft	3 cr.
FAC 446	Craft and Entrepreneurship	3 cr.

Subject	Course #	Title	Credits
ELEC	200	Elective	3
ELEC	200	Elective	3
ELEC	200	Elective	3
ELEC	200	Elective	3
ART	211	Ceramics I	3
ELEC	200	Elective	3
ELEC	200	Elective	3
ELEC	200	Elective	3
ELEC	200	Elective	3
ELEC	200	Elective	3
ELEC	200	Elective	3
ELEC	200	Elective	3
ELEC	200	Elective	3
ELEC	200	Elective	3
ELEC	200	Elective	3
ELEC	200	Elective	3
ELEC	200	Elective	3
ELEC	200	Elective	3
ELEC	200	Elective	3
ELEC	200	Elective	3
ELEC	200	Elective	3

**Studio Arts**

Course No.	Course Title	Credits
FAP 101	Introduction to Music and Art	3 cr.
FAP 201	Intro to Painting	3 cr.
FAP 203	Intro to Ceramics	3 cr.
FAP 211	Drawing I	3 cr.
FAP 214	Performing Arts and Music	3 cr.
FAP 215	Art & Culture	3 cr.
FAP 221	Drawing II	3 cr.

Subject	Course #	Title	Credits
ART	102	Art Appreciation	3
ART	341	Painting I	3
ART	211	Ceramics I	3
ART	221	Drawing I	3
ELEC	200	Elective	3
ELEC	200	Elective	3
ART	222	Drawing II	3

**Hotel Management and Tourism/Food & Beverage Management/ Hospitality Event Management**

Course No.	Course Title	Credits
TTM 237	Hospitality and Tourism Marketing	3 cr.
HSM 447	Advanced Hospitality and Tourism Marketing	3 cr.
HVM 414	Events Production and Technical Issues	3 cr.
TTM 201	Introduction to Tourism & Hospitality Management	3 cr.
TTM 204	Economics of Tourism	3 cr.
HSM 224	Front Office Operations and Management	3 cr.
HSM 227	Housekeeping Operations and Management	2 cr.
FBM 313	Food Production	3 cr.
FBM 316	Food Production Lab	3 cr.
HSM 460	Special Topics in Hospitality	3 cr.
TTM 462	Special Topics in Travel and Tourism	3 cr.

Subject	Course #	Title	Credits
MKT	308	Hospitality Marketing	3
MKT	308	Hospitality Marketing	3
HOM	324	Convention & Service Management	3
HOM	202	Hospitality & Tourism Mgt.	3
HOM	321	Tourism Econ.& Cultural Impact	3
HOM	205	Lodging Manag. & Operations	3
HOM	217	Housekeeping Mgt. & Operations	1
HOM	250	Food Preparation I	3
HOM	254	Baking Pastry and Chocolate	3
HOM	488	Seminar in Hosp. & Tourism	3
HOM	488	Seminar in Hosp. & Tourism	3

FBM 464	Special Topics in Food and Beverages	3 cr.		HOM	488	Seminar in Hosp. & Tourism	3
HSM 485	Seminar in Hospitality and Tourism Management	3 cr.		HOM	488	Seminar in Hosp. & Tourism	3
HVM 382	Internship	1 cr.		HOM	499	Senior Study/Int.-Hosp.Manag.	1
HVM 420	Protocol and Etiquette in Events Management	3 cr.		HOM	239	Business Etiquette & Protocol	1
HVM 425	Casino and Entertainment Management	3 cr.		HOM	488	Seminar in Hosp. & Tourism	3
FBM 444	Alcoholic Beverages Appreciation	3 cr.		HOM	231	Wine, Spirits and Cigars	1
FBM 324	Restaurant Operations and Floor Management	3 cr.		HOM	203	Food & Beverage Conc. Dev.	3
FBM 332	Catering Functions and Banqueting Management	3 cr.		HOM	306	Quantity Food Prod./Catering	3
FBM 343	Purchasing for Hospitality Operations	3 cr.		HOM	302	Hospitality Purchasing	3
HSM 459	Hospitality and Tourism Strategic Management	3 cr.		HOM	477	Hospitality Strategic Mgt.	3
HVM 401	Contemporary Issues and Best Practices in Events Management	3 cr.		ELEC	200	Elective	3
HVM 416	Risks and Safety in Events Management	3 cr.		ELEC	200	Elective	3
HVM 422	M.I.C.E	3 cr.		ELEC	200	Elective	3
FBM 351	Food Beverage and Labor Cost Control	3 cr.		HOM	203	Food & Beverage Conc. Dev.	3
FBM 381	Internship II: Food and Beverage Operations	1 cr.		ELEC	200	Elective	1
FBM 414	Advanced Food Production	4 cr.		ELEC	200	Elective	4
FBM 424	Restaurant Development and Management	3 cr.		HOM	203	Food & Beverage Conc. Dev.	3
HSM 432	Hospitality Property Management	3 cr.	OR	HOM	215	Front Office Operations	1
HSM 451	Hospitality Management	3 cr.		HOM	205	Lodging Manag. & Operations	3
HVM 430	Recreational Leisure and Sports Events Management	3 cr.		HOM	202	Hospitality & Tourism Mgt.	3
HSM 205	Principles of Hospitality Financial Accounting	3 cr.		HOM	324	Convention & Service Management	3
HSM 211	Hospitality and Tourism Law	3 cr.		ELEC	200	Elective	3
HSM 281	Internship I: Rooms Division Operations	1 cr.		ELEC	200	Elective	3
HSM 311	Hospitality Managerial Accounting	3 cr.		ELEC	200	Elective	1
HSM 314	Human Resources Management in the Hospitality Industry	3 cr.		ELEC	200	Elective	3
HSM 319	Information Technology in the Hospitality Industry	3 cr.		ELEC	200	Elective	3
TTM 326	Domestic Travel and Tourism Development	3 cr.		ELEC	200	Elective	3
TTM 342	Travel Agency and Tour Management	3 cr.		ELEC	200	Elective	3
TTM 344	International Travel and Tourism	3 cr.		ELEC	200	Elective	3
TTM 345	Airline Passenger Services	3 cr.		ELEC	200	Elective	3
TTM 346	Automated Travel System	3 cr.		ELEC	200	Elective	3
TTM 382	Internship III: Travel Agency and Tour Operations	1 cr.		ELEC	200	Elective	1
HSM 411	Hospitality Managerial Finance	3 cr.		ELEC	200	Elective	3
HSM 437	Hospitality Sales and Promotional Techniques	3 cr.		ELEC	200	Elective	3
TTM 445	Sustainable Tourism	3 cr.		ELEC	200	Elective	3
HVM 201	Introduction to the International Events Industry	3 cr.		HOM	324	Convention & Service Management	3
HVM 301	Events Management Operations and Logistics	3 cr.		HOM	324	Convention & Service Management	3
HVM 311	Event Sponsorship Fundraising and Partnership	3 cr.		ELEC	200	Elective	3
HVM 431	Events Management Project	3 cr.		ELEC	200	Elective	3

#### Financial Engineering

Course No.	Course Title	Credits
FEN 431	Fixed Income Securities	3 cr.
FEN 442	Financial Risk Management	3 cr.
FEN 455	Advanced Derivatives Models	3 cr.
FEN 463	Computational Finance and Simulation	3 cr.

Subject	Course #	Title	Credits
ELEC	305	Finance Elective	3
ELEC	305	Finance Elective	3
ELEC	305	Finance Elective	3
ELEC	305	Finance Elective	3

#### Food Safety and Quality Management

Course No.	Course Title	Credits
FQM 280	Training in Food Establishments I	1 cr.
FQM 322	Food Quality Management I	3 cr.
FQM 324	Technology of Food Products	3 cr.
FQM 380	Training in Food Establishments II	1 cr.
FQM 420	Food Quality Management II	3 cr.
FQM 422	Food Toxins and Contaminants	3 cr.
FQM 427	Food Laws and Regulations	3 cr.

Subject	Course #	Title	Credits
ELEC	200	Elective	1
ELEC	200	Elective	3
ELEC	200	Elective	3
HOM	499	Senior Study/Int.-Hosp.Manag.	1
ELEC	200	Elective	3
ELEC	200	Elective	3
ELEC	200	Elective	3

FQM 475	Food Processing Laboratory	1 cr.
FQM 480	Selected Topics in Food Safety and Quality Management	1 cr.
FQM 496	Project in Food Safety and Quality Management	3 cr.

ELEC	200	Elective	1
ELEC	200	Elective	1
ELEC	200	Elective	3

### French

Course No.	Course Title	Credits
FRC 105	Freshman French I	3 cr.
FRC 110	Freshman French II	3 cr.
FRC 222	Sophomore French I	3 cr.
FRC 223	Sophomore French II	3 cr.
FRC 231	French for Business	3 cr.

Subject	Course #	Title	Credits
ELEC	100	Freshman Elective	3
ELEC	100	Freshman Elective	3
ELEC	200	Elective	3
ELEC	200	Elective	3
ELEC	200	Elective	3

### Fashion Design

Course No.	Course Title	Credits
FTP 212	Fashion Illustration I	3 cr.
FTP 214	Textile Technology	3 cr.
FTP 222	Fashion Illustration II	3 cr.
FTP 224	History of Fashion Design	3 cr.
FTP 226	Digital Fashion Design	3 cr.
FTP 228	Patternmaking I	3 cr.
FTP 229	Fashion Design I	3 cr.
FTP 314	Contemporary Issues of Fashion Design	3 cr.
FTP 315	Fashion Studio I	3 cr.
FTP 319	Fashion Design II	3 cr.
FTP 326	Fashion Trends and New Concepts	3 cr.
FTP 325	Fashion Studio II	3 cr.
FTP 328	Patternmaking II	3 cr.
FTP 329	Fashion Design III	3 cr.
FTP 415	Fashion Studio III	3 cr.
FTP 418	Patternmaking III	3 cr.
FTP 419	Fashion Design IV	3 cr.
FTP 423	Professional Practice & Marketing	3 cr.
FTP 425	Fashion Studio IV	3 cr.
FTP 428	Patternmaking IV	3 cr.
FTP 438	Senior Collection Execution	3 cr.

Subject	Course #	Title	Credits
FAS	381	Fashion Illustration	3
FAS	250	Intro.to Practice & Process	3
ELEC	200	Elective	3
FAS	371	Fashion History & Theory	3
ELEC	200	Elective	3
FAS	361	Pattern Cutting I	4
FAS	331	Fashion Design I	5
ELEC	200	Elective	3
FAS	341	Construction I	3
FAS	332	Fashion Design II	5
ELEC	200	Elective	3
FAS	342	Construction II	3
FAS	362	Pattern Cutting II	4
FAS	431	Fashion Design III	5
FAS	441	Construction III	3
FAS	461	Patten Cutting III	4
FAS	531	Fashion Collection I	5
FAS	522	Fashion Entrepreneurship II	2
FAS	532	Fashion Collection II	5
FAS	561	Pattern Cutting IV	4
ELEC	200	Elective	3

### Graphic Design

Course No.	Course Title	Credits
GDP 212	Design Principles I	3 cr.
GDP 217	Conceptual Communication in Digital Media	3 cr.
GDP 222	Design Principles II	3 cr.
GDP 223	Fundamentals of Typography	3 cr.
GDP 227	Digital Media I	3 cr.
GDP 315	Color & Illustration for Graphic Designers	3 cr.
GDP 317	Digital Media II	3 cr.
GDP 321	Visual Communication	3 cr.
GDP 322	Applied Typographic Design	3 cr.
GDP 323	History of Graphic Design & Contemporary Issues	3 cr.
GDP 324	Photography for Graphic Designers I	3 cr.
GDP 361	Type Design and Experimental Typography	3 cr.
GDP 362	Interactive Design and Motion Graphics	3 cr.
GDP 412	Packaging	3 cr.
GDP 413	Print Management and Production	3 cr.
GDP 415	Branding for Design	3 cr.
GDP 423	Professional Practice & Portfolio Preparation	3 cr.
GDP 463	Environmental Graphics and Arabic Type Design	3 cr.
GDP 464	3D in Motion	3 cr.
GDP 465	Senior Studio	3 cr.

Subject	Course #	Title	Credits
FND	231	Design Studio I-A	3
FND	251	Digital Media	3
FND	232	Design Studio I-B	3
GRA	212	Introduction to Typography	3
GRA	301	Intermediate Computer Graphics	3
GRA	342	Art of Illustration	3
GRA	302	Advanced Computer Graphics	3
GRA	432	Visual Perception	3
GRA	324	Intermediate Typography	2
GRA	431	History of Graphic Design	3
PHO	211	Photography I	3
GRA	411	Advanced Typography	3
GRA	482	Motion Design	3
GRA	451	Graphic Design III	3
GRA	312	Printing Variables	3
ELEC	360	GRA Elective	3
GRA	488	Graphic Design Portfolio	1
ELEC	360	GRA Elective	3
GRA	487	3D Animation Techniques	3
GRA	499	Senior Study Project	3

### Geology

Course No.	Course Title	Credits
GEO 101	Environmental Geology	3 cr.
GEO 201	Physical Geology	3 cr.
GEO 202	Geology for Architects	2 cr.
GEO 203	Planet Earth	3 cr.
GEO 311	Hydrogeology	3 cr.
GEO 312	Engineering Geology	3 cr.

Subject	Course #	Title	Credits
ELEC	100	Freshman Elective	3
ELEC	200	Elective	3
ELEC	200	Elective	3
ELEC	200	Elective	3
ELEC	200	Elective	3
ELEC	200	Elective	3

### German

Course No.	Course Title	Credits
GEM 201	German I	3 cr.
GEM 202	German II	3 cr.

Subject	Course #	Title	Credits
GER	201	Beginning German	3
GER	202	German II	3

Geographic Information Systems			Subject	Course #	Title	Credits
Course No.	Course Title	Credits				
GIS 211	Principles of Geographical Information Sciences	3 cr.	ELEC	200	Elective	3
GIS 311	Desktop GIS	3 cr.	ELEC	200	Elective	3
GIS 321	Spatial analysis and Modeling	3 cr.	ELEC	200	Elective	3
GIS 331	Implementations of GIS	3 cr.	ELEC	200	Elective	3
GIS 341	Cartography and Automated Mapping	3 cr.	ELEC	200	Elective	3
GIS 352	Theories of Remote Sensing	3 cr.	ELEC	200	Elective	3
GIS 411	Geodetic Science and Satellite Positioning	3 cr.	ELEC	200	Elective	3
GIS 441	Cartography Geodesy and GPS	3 cr.	ELEC	200	Elective	3
GIS 452	Advanced Remote Sensing	3 cr.	ELEC	200	Elective	3
GIS 490	Senior Project	3 cr.	ELEC	200	Elective	3

Health Care Management			Subject	Course #	Title	Credits
Course No.	Course Title	Credits				
HCM 301	Introduction to Health Care Management	3 cr.	MGT	450	Special Topics in Mgt	3
HCM 302	Health Care Economics	3 cr.	ELEC	200	Elective	3
HCM 401	Management Of Health Care Organizations I	3 cr.	MGT	450	Special Topics in Mgt	3
HCM 402	Management Of Health Care Organizations li	3 cr.	MGT	450	Special Topics in Mgt	3
HCM 403	Health Care Strategic Management	3 cr.	MGT	450	Special Topics in Mgt	3
HCM 404	Health Care Marketing Management	3 cr.	ELEC	200	Elective	3
HCM 405	Health Care Financial Management	3 cr.	ELEC	200	Elective	3
HCM 406	Health Care Legal Environment	3 cr.	MGT	450	Special Topics in Mgt	3
HCM 407	Seminars and Topics in Health Care Management	3 cr.	MGT	450	Special Topics in Mgt	3
HCM 408	Health Care Internship Program	1 cr.	ELEC	200	Elective	1

Health			Subject	Course #	Title	Credits
Course No.	Course Title	Credits				
HEA 201	Health Awareness	3 cr.	HLT	201	Basic Health	1
HEA 204	Contemporary Health Issues	3 cr.	HLT	201	Basic Health	1

History			Subject	Course #	Title	Credits
Course No.	Course Title	Credits				
HIT 101	Contemporary History of Lebanon	3 cr.	HST	101	20th Cent. Hist./Leb. & Region	3
HIT 211	History of Lebanon and the Middle	3 cr.	HST	231	From Imarah to 1975-1990 War	3

Human Thought			Subject	Course #	Title	Credits
Course No.	Course Title	Credits				
HUT 305	Human Thought to 1500	3 cr.	CST	202	Cultural Studies II	3
HUT 306	Human Thought from 1500 to the Present	3 cr.	CST	203	Cultural Studies III	3

International Affairs and Diplomacy			Subject	Course #	Title	Credits
Course No.	Course Title	Credits				
IAF 211	Introduction to International Relations	3 cr.	POL	240	Concepts of World Politics	3
IAF 231	World Political Geography	3 cr.	ELEC	200	Elective	3
IAF 239	Elements of Globalization	3 cr.	ELEC	200	Elective	3
IAF 301	Modern Political Ideologies	3 cr.	ELEC	200	Elective	3
IAF 303	Feminism in International Relations	3 cr.	ELEC	200	Elective	3
IAF 305	Gender Security and Human Rights	3 cr.	ELEC	200	Elective	3
IAF 321	Diplomacy: Theory and Practice	3 cr.	POL	432	Diplomatic & Consular Services	3
IAF 322	Lebanese Diplomacy	3 cr.	ELEC	200	Elective	3
IAF 331	Geopolitics	3 cr.	ELEC	200	Elective	3
IAF 332	Introduction to strategic Studies	3 cr.	ELEC	200	Elective	3
IAF 333	Terrorism	3 cr.	ELEC	200	Elective	3
IAF 340	International Political Economy	3 cr.	POL	346	International Polit. Economy	3
IAF 401	Public International Law	3 cr.	POL	332	Public International Law	3
IAF 402	Human Rights in International Politics	3 cr.	ELEC	200	Elective	3
IAF 404	Laws of Disruption	3 cr.	ELEC	200	Elective	3
IAF 407	International and Regional Organizations	3 cr.	POL	331	International Organization	3
IAF 409	Foreign Policy Making of the Major Powers	3 cr.	POL	322	Foreign Policy of Major Powers	3
IAF 411	Conflict Management and Resolution	3 cr.	POL	252	Fund. of Conflict Resolution	3
IAF 453	Euro-Mediterranean Partnership	3 cr.	ELEC	200	Elective	3
IAF 471	Modern Europe and the European Union	3 cr.	POL	426	Politics of the European Union	3
IAF 488	Current Issues in International Affairs and Diplomacy	3 cr.	ELEC	200	Elective	3
IAF 490	Senior Study	3 cr.	ELEC	200	Elective	3

<b>Interior Design</b>			Subject	Course #	Title	Credits
Course No.	Course Title	Credits				
IDP 210	Basic Skills for Interior Design	3 cr.	FND	231	Design Studio I-A	3
IDP 211	History of Interiors and Furniture I	3 cr.	ELEC	200	Elective	3
IDP 212	Fundamentals of Interior I	3 cr.	FND	232	Design Studio I-B	3
IDP 214	Materials and Methods of Construction	3 cr.	DES	421	Design Technology I	2
IDP 215	Descriptive Geometry for Int. Design	3 cr.	FND	241	Technical Graphics	2
IDP 222	Fundamentals of Interior II	3 cr.	ELEC	200	Elective	3
IDP 223	Drawing for Interior Design	3 cr.	DES	341	Technical Graphics II	3
IDP 224	Colors in Interiors	3 cr.	ELEC	200	Elective	3
IDP 225	Materials and Finishes	3 cr.	DES	422	Design Technology II	2
IDP 226	Textiles for Interiors	3 cr.	ELEC	200	Elective	3
IDP 227	Human Factors for Int. Des.	3 cr.	AND	DES	331	Design Studio III
IDP 312	Interior Design Project I	3 cr.				
IDP 311	History of Modern Contemporary Interiors	3 cr.	ELEC	200	Elective	3
IDP 313	Applied Interior Design I	3 cr.	DES	351	Computer Graphics I	2
IDP 314	Interior Detailing and Construction I	3 cr.	AND	DES	481	Construction Documents
IDP 324	Interior Detailing and Construction II	3 cr.				
IDP 321	Environmental Graphic Design	3 cr.	ELEC	200	Elective	3
IDP 322	Interior Design Project II	4 cr.	AND	DES	332	Design Studio IV
IDP 323	Applied Interior Design II	3 cr.				
IDP 326	Concepts of Historic Preservation	3 cr.	ELEC	200	Elective	3
IDP 327	Furniture Design	3 cr.	ELEC	200	Elective	3
IDP 328	Lighting Design in Interiors	3 cr.	ELEC	200	Elective	3
IDP 411	Quantity Surveying for Interior Designers	3 cr.	ELEC	200	Elective	3
IDP 412	Interior Design Studio I	6 cr.	DES	431	Design Studio V	5
IDP 413	Applied Interior Design III	3 cr.	ARC	452	Computer Animation	3
IDP 421	Business Practice for Interior Designers	3 cr.	ELEC	200	Elective	3
IDP 422	Interior Design Studio II	6 cr.	DES	432	Design Studio VI	5
IDP 423	Integrated Building Systems (HVAC and Plumbing)	3 cr.	DES	523	Environmental Systems I	3
IDP 424	Interior Design Management	3 cr.	ELEC	200	Elective	3

<b>Italian</b>			Subject	Course #	Title	Credits
Course No.	Course Title	Credits				
ITL 101	Introduction to Italian	3 cr.	ELEC	200	Elective	3
ITL 201	Italian I	3 cr.	ITA	201	Beginning Italian	3
ITL 202	Italian II	3 cr.	ELEC	200	Elective	3

<b>Interpretation</b>			Subject	Course #	Title	Credits
Course No.	Course Title	Credits				
INT 431	Interpreting: English-French- Arabic I	3 cr.	ELEC	200	Elective	3
INT 432	Interpreting: English-French-Arabic II	3 cr.	ELEC	200	Elective	3
INT 433	Interpreting: French-English I	3 cr.	ELEC	200	Elective	3
INT 434	Interpreting: English-Arabic II	3 cr.	ELEC	200	Elective	3
INT 435	Interpreting: French-Arabic II	3 cr.	ELEC	200	Elective	3
INT 436	Interpreting: French-English II	3 cr.	ELEC	200	Elective	3
INT 437	Interpreting: Arabic-English I	3 cr.	ELEC	200	Elective	3
INT 438	Interpreting: Arabic-English II	3 cr.	ELEC	200	Elective	3
INT 439	Interpreting: English-Arabic III	3 cr.	ELEC	200	Elective	3
INT 440	Interpreting: Arabic-English III	3 cr.	ELEC	200	Elective	3
INT 480	Interpreter Internship-1	1 cr.	ELEC	200	Elective	1

<b>Journalism</b>			Subject	Course #	Title	Credits
Course No.	Course Title	Credits				
JOU 210	Mass Media Language	3 cr.	ELEC	200	Elective	3
JOU 310	News Writing and Reporting I	3 cr.	OR	JSC	220	News Writ.&Report.in Mult.Wor.
				COM	214	Report. & Writ. for News Media
JOU 320	Copy Editing and Headline Writing	3 cr.	ELEC	200	Elective	3
JOU 325	Photojournalism	3 cr.	OR	JSC	232	Photojournalism
				COM	215	Photojournalism
JOU 333	News Analysis and Editorial Writing	3 cr.	ELEC	200	Elective	3
JOU 340	Public Relations Techniques	3 cr.	COM	213	Intro. to Public Relations	3
JOU 341	Public Relations Planning and Event Management	3 cr.	ELEC	200	Elective	3
JOU 350	Investigative Journalism	3 cr.	OR	JSC	431	Investigative Journalism
				COM	314	Investigative Journalism
JOU 369	Special Topics in Journalism	3 cr.	ELEC	200	Elective	3
JOU 370	Newspaper Production	1 cr.	ELEC	200	Elective	1