

Contents

Academic Calendar 2011–12	14
Board of Trustees/Trustees Emeriti/International Advisory Council.....	18
University Administration 2011–12	20
The University	24
Statement of Accreditation Status (SAS)	24
Mission Statement.....	25
History	25
Location and Climate.....	27
Academic Services.....	27
Academic Computing Center	27
Center for Teaching and Learning (CTL)	27
Computing and Networking Services	27
AUBnet Intranet and Internet Services.....	28
Computer Labs	28
Medical Center Information Systems	28
Medical Center	29
The Archaeological Museum.....	29
Office of Institutional Research and Assessment (OIRA)	29
Office of Communications.....	30
Libraries.....	30
Admissions	32
Application Procedures	32
Admission to Undergraduate Study.....	33
Deadlines for Undergraduate Applications	33
English Language Proficiency Requirement (ELPR).....	34
Intensive English Course.....	35
University Preparatory Program	36
Early Admission	37
Transfer from Other Universities	37
Credit for University Work Done at the Secondary Level.....	38
Admission of Special Students Not Working for a Degree.....	38
Admission as a Visiting (Exchange) Undergraduate Student	38
Admission of University Employees	38
Admission to the Summer Session.....	39
Admission to Non-Degree and Other Programs	39
Readmission/Reactivation	39
Deferred Registration of Admitted Students.....	39
Requirements of Admitted Students for Registration	40
Secondary School Certificate/Diploma Requirements for Registration and the Classes to Which They Admit.....	40
Admitting Certificates and the Classes to Which They Admit.....	41
Informal Education Preparation	42
Certificate and Class Chart	43
General Certificate of Education (GCE) and Oxford or Cambridge Higher Certificate.....	44
International Baccalaureate Diploma (IB)	46

General University Academic Information	47
Academic Advisers.....	47
Attendance	47
Categories of Students	48
Course Loads.....	49
Correct Use of Language.....	49
Plagiarism.....	50
Dean’s Honor List.....	50
Directed Study.....	50
Disclosure of Student Records	51
General Education Requirements.....	51
English Proficiency	54
Grading System.....	55
Graduation	55
Dual Degree	56
Change of Grade Policy.....	56
Incompletes.....	57
Majorless Status.....	57
Medical Record	57
National Social Security Fund (NSSF) Medical Branch	58
Passports and Visas	59
Payment of Fees.....	59
Premed Requirements	59
Probation	59
Recognition of AUB Degrees by the Lebanese Ministry of Education	60
Registration	61
Special Instructions for Arts and Science Students Regarding Course Schedules	
Repeating Courses	62
Residence Requirements	62
Transfer within the University.....	62
Tutorials and Directed Study	63
Study Abroad for Undergraduate Students	63
Withdrawal from Courses	63
Fees and Expenses	64
Financial Aid	67
Need-Based Financial Aid Grants.....	67
Need-Based Student Loans	67
Merit Scholarships.....	68
Student Work-Study.....	68
Graduate Assistantships	68
Office of Student Affairs	69
Student Activities	69
Counseling.....	70
Career and Placement Services	70
University Sports	71
Student Housing	72
Bursary Program	73
Work-Study Program	73

Office of International Programs (OIP)	74
Passports, Visas, and Residence Permits.....	74
International Student Services	74
Study Abroad/Student Exchange.....	74
OIP Resources for Faculty	75
Faculty of Agricultural and Food Sciences (FAFS)	78
Officers of the Faculty.....	78
Historical Background.....	78
Mission	79
Vision	79
Undergraduate Programs.....	79
Admission	82
Requirements for BS in Nutrition and Dietetics (Coordinated Program)	82
Requirements for Premedical Study.....	82
Graduation Requirements	83
Minors in Nutrition and Dietetics, and in Food Science and Management	84
Minor in Food Systems	84
Minor in Veterinary Sciences.....	85
Second BS Degree.....	85
Second BS Degree in Agriculture for Agribusiness Students.....	86
Dual Degree.....	86
Transfer of Courses.....	87
Elective Courses	87
Academic Rules and Regulations	87
Classification and Promotion	88
Eligibility for the Regular AREC Program.....	88
Curriculum for the BS Degree in Agriculture and Diploma of <i>Ingénieur Agricole</i>	89
Curriculum for the BS Degree in Landscape Design and Eco-management and Diploma of <i>Ingénieur Agricole</i>	91
Curriculum for the BS Degree in Nutrition and Dietetics.....	93
Curriculum for the BS Degree in Nutrition and Dietetics (Coordinated Program)	95
Curriculum for the BS Degree in Food Science and Management	95
Curriculum for the BS Degree in Veterinary Sciences.....	97
Curriculum for the BS Degree in Agribusiness.....	98
Animal and Veterinary Sciences (AVSC)	101
Course Descriptions	102
Core Courses for the BS Degree in Agriculture	102
Elective Courses for the BS Degree in Agriculture.....	102
Core Courses for the BS Degree in Veterinary Sciences	103
Agricultural Sciences (AGSC)	106
Course Descriptions	107
Core Courses for the BS Degree in Agriculture	107
Elective Courses for the BS in Agriculture.....	108
Core Courses for the BS Degree in Agribusiness	109

Nutrition and Food Sciences (NFSC)	112
Course Descriptions	113
Core Courses for the BS Degree in Nutrition and Dietetics	113
Core Courses for the BS Degree in Food Science and Management.....	115
Core Course for the BS Degree in Agribusiness.....	116
Elective Course not for Nutrition and Dietetics or Food Science and Management.....	116
Landscape Design and Ecosystem Management (LDEM)	117
Course Descriptions	117
Core Courses for the BS Degree in Landscape Design and Eco-management	117
Elective Courses for the BS Degree in Landscape Design and Eco-management.....	120
Faculty of Arts and Sciences (FAS)	122
Officers of the Faculty.....	122
Historical Background.....	122
Mission	123
Vision	123
Undergraduate Programs.....	123
Admission	124
Classification of Students.....	124
Full-Time Students and Maximum Credit Loads.....	124
Requirements for Premedical Study	124
Academic Rules and Regulations	125
Regular Freshman Program	125
University Requirements	125
Graduation Requirements	130
Faculty Requirements	131
Transfers	132
Second Degrees.....	132
Dual Degree.....	132
Majorless Status	132
Minors	133
FAS Diplomas.....	137
Directed Study	137
Tutorials	137
Dean's Honor List.....	137
Attendance and Withdrawal from Courses	138
Examinations and Quizzes.....	138
Grading System	138
Incomplete Grades and Make-Up Examinations	139
Academic Probation	140
Application for Readmission.....	141
Failure.....	142
Summer Session	142
Courses.....	142

Arabic and Near Eastern Languages	144
BA in Arabic.....	144
Biology	149
BS in Biology.....	149
Chemistry	157
BS in Chemistry.....	157
Civilization Sequence Program (CVSP)	163
Requirements.....	163
Old Program.....	163
New Program.....	164
Sequence I and Sequence II Course Offerings.....	165
Courses Restricted to Freshman Students.....	166
Courses Supplementary to the Regular Offerings.....	166
Computer Science	169
BS in Computer Science.....	169
Economics	176
BA in Economics.....	176
Education	181
BA Education/Elementary.....	181
Minor in Education.....	182
Diploma Programs.....	183
Teaching Diploma Programs.....	183
Teaching Diploma in Elementary Education.....	183
Teaching Diploma in Secondary Education.....	183
Admission to the Teaching Diploma Programs.....	184
Qualifications for the Teaching Diploma and Official Recognition by the Lebanese Government.....	184
Diploma in Special Education.....	185
Diploma in Educational Management and Leadership.....	186
BA in Education.....	186
Course Descriptions.....	187
Methods Courses.....	189
English	193
BA in English Literature.....	193
BA in English Language.....	193
Communication Skills Program.....	195
English Literature Program.....	196
English Language Program.....	201
Fine Arts and Art History	205
Studio Arts Program.....	205
Art History Program.....	206
Theater Program.....	207
Music Program.....	207

Geology	215
BS in Geology.....	216
History and Archaeology	221
History	221
BA in History.....	222
Archaeology.....	228
BA in Archaeology.....	228
Mathematics	231
BA or BS in Mathematics.....	232
BA or BS in Applied Mathematics	232
BA or BS in Statistics	233
Philosophy	241
BA in Philosophy	241
Physics	246
BS in Physics.....	246
Political Studies and Public Administration (PSPA)	252
Graduation Requirements.....	253
Minor in PSPA.....	254
Major in Political Studies.....	262
Major in Public Administration	263
Social and Behavioral Sciences	264
BA in Psychology.....	264
BA in Sociology-Anthropology.....	268
Diploma Program in Media Communication.....	275
Social and Behavioral Sciences (Six Minors)	277
The Anis Makdisi Program in Literature (AMPL)	278
The Prince Alwaleed Bin Talal Bin Abdulaziz Alsaud Center for American Studies and Research (CASAR)	279
Center for Behavioral Research (CBR)	281
Center for English Language Research and Teaching (CELRT)	282
Science and Mathematics Education Center (SMEC)	283
University Preparatory Program (UPP)	284
The Writing Center	286
Zaki Nassif Music Program (ZNMP)	287
Suliman S. Olayan School Of Business (OSB)	290
Officers of the School	290
International Board of Overseers	290
Middle East Advisory Board.....	291
The Finance, Accounting, and Managerial Economics Tracks	292
The Management, Marketing, and Entrepreneurship Track.....	292
Business Information and Decision Systems Track.....	292
History and Overview.....	292

Accreditation	293
Vision	293
Mission	293
Ethics and Integrity.....	294
Organization and Governance.....	294
Undergraduate Program.....	295
The BBA Program.....	295
Philosophy	295
Admission to the Program.....	295
Criteria for Admission to the BBA Program.....	295
Transfer into OSB.....	295
Business as a Second Degree	297
Dual Degree.....	297
Business as a Minor Field of Study.....	297
Academic Policies	298
Academic Advisers	298
Classification of Students.....	298
Credit Load.....	299
Internship Requirements.....	299
Academic Probation	300
Dismissal.....	300
Readmission	301
Failing and Repeating Courses	301
Incompletes	301
Examinations and Quizzes	302
Cross-Registration.....	302
Study Abroad	302
Graduation Requirements	302
Program Outline	304
Business Requirements.....	304
Non-Business, General Education Requirements	305
Program Delivery	306
Undergraduate Business Courses.....	309
BUSS Courses.....	309
FAME Track Courses.....	311
Accounting Courses.....	311
Finance Courses.....	313
MM & E Track Courses.....	315
Entrepreneurship Courses	315
Management Courses	317
Marketing Courses.....	318
BIDS Track Courses	319
Decision Systems Courses	319
Management Information Systems Courses.....	321
Faculty of Engineering and Architecture (FEA).....	324
Officers of the Faculty.....	324
Historical Background.....	324

Mission	325
Undergraduate Programs.....	325
Admission to First Year.....	325
Admission of Transfer Students	326
Special Students Not Working for a Degree.....	326
Residence Requirements	327
General Education Program Requirements	327
Graduation Requirements	327
Academic Rules and Regulations	327
Class Status.....	328
Change of Major within the Faculty	328
Minor in Applied Energy	328
Minor in Biomedical Engineering.....	331
Minor in Chemical Engineering	332
Minor in Engineering Management	333
Architecture and Design	334
Bachelor of Architecture	336
Bachelor of Fine Arts in Graphic Design	347
Civil and Environmental Engineering.....	357
Bachelor of Engineering (BE), Specialization: Civil Engineering (CE).....	357
Bachelor of Science (BS), Specialization: Construction Engineering (ConsE).....	360
Electrical and Computer Engineering.....	372
Computer and Communications Engineering Program	373
Electrical and Computer Engineering Program.....	376
Minor in Biomedical Engineering.....	380
Mechanical Engineering	398
Bachelor of Engineering (BE): Major Mechanical Engineering	398
Bachelor of Engineering (BE): Major Chemical Engineering	404
Bachelor of Science (BS) Major: Chemical Engineering	409
Minor in Chemical Engineering	413
Engineering Management Program	430
Minor in Engineering Management	430
Faculty of Health Sciences (FHS)	434
Officers of the Faculty.....	434
Historical Background.....	434
Accreditation	435
Mission	435
Vision	435
Undergraduate Programs.....	435
Admission Requirements	435
Graduation Requirements	436
Minors and Electives	437
General Education Requirements	438
Dual Degree	438

Academic Rules and Regulations.....	438
Full-time Students and Credit Load.....	438
Promotion	438
Curriculum for Bachelor of Science in Environmental Health	439
Curriculum for Bachelor of Science in Medical Laboratory Sciences.....	441
Environmental Health.....	444
Epidemiology and Population Health.....	447
Health Promotion and Community Health	448
Health Management and Policy	450
Program of Medical Laboratory Sciences	451
Center for Research on Population and Health (CRPH)	454
Outreach and Practice Unit (OPU)	456
Rafic Hariri School of Nursing	458
Officers of the School	458
Faculty	458
Historical Background.....	459
Mission	459
Vision	459
Undergraduate Program Outline	459
Admission	459
Bachelor of Science in Nursing (BSN).....	460
RN-BSN Program.....	460
BS/BA-BSN Accelerated Program	460
Dual Degree.....	460
Courses.....	460
Graduation Requirements	461
Licensing	461
Academic Rules and Regulations.....	462
Attendance.....	462
Grading System	462
Incomplete Grades.....	463
Withdrawal from a Program	463
Promotion	463
Placement on the Dean’s Honor List.....	463
Failures and Deficiencies.....	463
Repeating Courses	464
Repeating the Year	464
Dismissal from the School of Nursing	464
Application for Readmission	465
Disciplinary Action.....	465
Awards	465
Curricula.....	466
Bachelor of Science in Nursing.....	466
RN-BSN (Revised)	469

Course Descriptions	471
Radiologic Technology Training Program	476
General Information	476
Admission	476
Curriculum	476
Course Descriptions	478
Continuing Education Center (CEC)	482
Officers of the Center.....	482
Background	482
Mission	483
Vision	483
Programs of Study	483
General Criteria for Admission	483
Certificate Programs	485
Diploma Programs	491
Non Certificate Courses	499
Intensive Training Workshop Programs.....	508
Scholarships and Awards	516
The AUB Summer Program for AUB Alumni Children (SPAAC)	518
University for Seniors	520
CEC Rules and Regulations.....	521
Center for Civic Engagement and Community Service (CCECS)	524
Endowed Faculty Chairs, Student Scholarships, Fellowships, Hardships, Awards, and Research Funds	528
Endowed Faculty Chairs	528
Scholarships, Fellowships, and Hardship Grants	528
University Prizes and Awards	537
Agricultural and Food Sciences.....	538
Arts and Sciences.....	538
Engineering and Architecture.....	539
Health Sciences	540
Medicine.....	540
Suliman S. Olayan School of Business.....	541
Current and Endowed Research Funds	541
Faculty List	544
Emeriti	544
Faculty Members	545
Index	576

Academic Calendar

2011–12

2011	
May 23–June 15	Registration for Med. III, and Med. IV
May 31–June 15	Payment of fees for Med. III, and Med. IV
June 1	Clerkships begin for Med. III, and Med. IV
June 30–August 9	Submission of applications for deferral of payment for the first semester for all current registered students, and new sophomore/first year students. Application available on the website
July 11–14	Fall Term (11-12) advising and (Phase II) on-line course registration for current students in all faculties except Medicine
July 18–August 5	Orientation, advising and on-line registration for all new undergraduate students (excluding students coming from abroad)
August 8–29	Payment of fees for the first semester for all current students and new sophomore/first year students (excluding new students coming from abroad)
August 8–September 13	Submission of documents for new sophomore/first year students in all faculties except Medicine, and new students coming from abroad
August 16–23	Registration for Med. I, Med. II and FM graduate students
August 19–23	Payment of fees for Med. I, Med. II and FM graduate students
August 22	Classes begin for Med. II
August 30–September 14	Late payment of fees for the first semester for all current students and new sophomore/first year students (excluding new students coming from abroad)
August 30–September 1	Id Al Fitr, holiday. No classes
September 5	Classes begin for Med. I, and FM graduate students.
September 15–16	Fall Term (11-12) advising and (Phase III) on-line course registration for current students in all faculties except Medicine
September 15–20	Submission of applications for deferral of payment for the first semester for old returning, new students coming from abroad, new graduates, new freshman students, special and transfer students. Application available on the website
September 15–16	Pre-registration for new students coming from abroad, new graduates and for new freshman students, special and transfer students, Office of Admissions, College Hall
September 16	International student orientation program, for all students coming from abroad, Office of International Programs, West Hall
September 19	Set registration holds for all new sophomore/first year students who did not submit their official documents

September 19	Set registration holds for all students who did not settle their financial account
September 19–21	Orientation program for all new undergraduate students (including freshman students, students coming from abroad, special and transfer students) and graduate students
September 19–22	Advising for new graduates, new students coming from abroad, new freshman, old returning, and cross registering students special and transfer students
September 20	Cancel registration for all current and new sophomore students who did not settle their fees
September 21–23	On-line course registration for new students coming from abroad, new graduates, new freshman, old returning, cross registering students, special and transfer students
September 22	Cancel registration for all new sophomore students who did not submit their official documents
September 23–27	Payment of fees for the first semester for new graduates, old returning, cross registering students, new students coming from abroad, new freshman students, special and transfer students
Fall Term 2011–12	
September 26	First semester begins for all faculties except Medicine
September 26–29	Change of schedule for the first semester (Drop and Add)
September 28–October 5	Late payment of fees for the first semester for new graduates, old returning, cross registering students, new students coming from abroad, and new freshman students
October 3	Opening Ceremony
October 21	Deadline for submitting NSSF declaration for the academic year 2011–12
November 6–8	Al-Adha, holiday, No classes
November 22	Independence Day, holiday. No Classes
November 26	Hijra New Year, holiday. No classes
December 5	Ashoura, holiday. No classes
December 6	Founder's Day. Classes will be held
December 6–9	Second semester advising for current students
December 6	Last day for withdrawal from courses for the first semester
December 7-February 7	Inter-faculty on-line transfer applications for the second semester 2011–12
December 12–15	Second semester on-line course registration for current students
December 23	10:00 p.m. Christmas and New Year vacation begins
January 1	10:00 p.m. Christmas and New Year vacation ends
January 2–13	Submission of applications for deferral of payment for the second semester for all current registered students. Application available on the website
January 6	Armenian Christmas, holiday. No classes
January 14	10:00 p.m. Classes end for all faculties except Medicine

January 15–18	Reading period for the first semester
January 17–February 8	Payment of fees for current students for the second semester
January 19	First semester examinations begin
January 24–February 10	Submission of applications for deferral of payment for the second semester for new and old returning students. Application available on the website
January 31–February 1	Second semester pre-registration for new, old returning and cross-registering students
February 1	First semester ends for all faculties except Medicine
February 4	Prophet's Birthday, holiday. No classes
February 6	International student orientation program, for all students coming from abroad, Office of International Programs.
February 6–8	New students orientation, Office of Student Affairs
February 7–10	Second semester advising and on-line course registration for new, old returning and cross-registering students
February 7–March 19	Inter-faculty on-line transfer applications for the Fall Term 2012–13
February 9	St. Maroun's Day, holiday, No classes
February 10–25	Late payment for the second semester for all current registered students
Spring Term 2012	
February 13	Second semester begins for all faculties except Medicine
February 13–18	Payment of fees for new students
February 13–16	Change of schedule for the second semester (Drop and Add)
February 20–25	Late payment for the second semester for new and old returning students
March 5	Deadline for submitting NSSF Declaration for the second semester
March 25	Annunciation Day, holiday. No classes
April 5	10:00 p.m. Latin Easter vacation begins
April 9	10:00 p.m. Latin Easter vacation ends
April 12	10:00 p.m. Greek Orthodox Easter vacation begins
April 16	10:00 p.m. Greek Orthodox Easter vacation ends
April 24–May 3	Inter-Faculty on-line transfer applications for Summer 2012 for students applying to FAFS and OSB.
April 27	Last day for withdrawal from courses for the second semester
April 30	Classes end for Med. II
April 30–May 3	Advising and on-line registration for current students for Summer 2012
May 1	Labor Day, holiday. No classes
May 14–16	Advising for current students for the Fall Term 2012–13
May 21–24	Fall term (2012–13) early (Phase I) on-line course registration for current students in all faculties except Medicine
May 26	10:00 p.m. Classes end for all faculties except Medicine
May 26–29	Reading Period for the second semester
May 30	Second semester examinations begin

May 31	Classes end for Med. III and Med. IV
June 11-14	Pre-registration, advising and on-line course registration for new, old returning and cross registering students for the Summer 2012
June 12	Second semester ends for all faculties except Medicine
June 13-21	Payment of fees for the Summer 2012
Summer 2012	
June 18	Classes begin for Summer 2012 for all faculties except Medicine
June 18-21	Change of schedule for Summer 2012 (Drop and Add)
June 22-27	Late Payment for Summer 2012
June 23	Commencement exercises
June 28	Classes end for Med. I
July 9-10	Fall Term (12-13) advising and early (Phase II) on-line course registration for current students in all faculties except Medicine
July 20	Last day for withdrawal from courses for Summer 2012
August 4	10:00 p.m. Classes end for all faculties except Medicine, Agricultural and Food Sciences, and Medical Laboratory Sciences
August 6-11	Final examinations for all faculties except Medicine, Agricultural and Food Sciences, and Medical Laboratory Sciences
August 11	10:00 p.m. Classes end for the Faculty of Agricultural and Food Sciences, and Medical Laboratory Sciences
August 13-18	Final examinations for the Faculty of Agricultural and Food Sciences, and Medical Laboratory Sciences
August 15	Assumption Day, holiday. No classes