

Contents

Notice	2
Academic Calendar 2019-2020	13
Board of Trustees	16
Trustees Emeriti	17
International Advisory Council	18
University Administration 2019–20	19
The University	23
Accreditation	23
Mission Statement	24
History	24
Location and Climate	26
Academic Services	26
Admissions	32
Application Procedures	32
Admission to Undergraduate Study	32
Applicants for the Freshman Year	33
Applicants to the Sophomore Year and All Other Undergraduate Programs	34
Deadlines for All Undergraduate Applications	35
Readiness for University Study in English (RUSE)	36
Intensive English Course	36
University Preparatory Program	37
Early Admission	38
Transfer from Other Universities	38
Credit for University Work Done at the Secondary Level	39
Admission of Non-Degree Students	39
Admission as a Visiting (Exchange) Undergraduate Student	40
Admission of University Employees	40
Admission to the Summer Session	40
Admission to Non-Degree and Other Programs	40
Readmission/Reactivation	41
Deferred Registration of Admitted Students	41
Requirements of Admitted Students for Registration	41
Secondary School Certificate/Diploma Requirements for Registration and the Classes for Which They Qualify	42
Admitting Certificates and the Classes for Which They Qualify	43
Informal Education Preparation	44
Certificate and Class Chart	45
General University Academic Information	47
Academic Advisors	47
Attendance	47
Categories of Students	48
General Education Requirements	49
English Proficiency	50
Premedical Requirements	51
Double Major/Concentration	51
Dual Degree	52

Second Degree	53
Minor	54
Dean’s Honor List	54
Majorless Status (Faculty of Arts and Sciences)	54
Tutorials and Directed Study	55
Plagiarism	55
Correct Use of Language	55
Registration	56
Courses	57
Grades	58
Credit Transfer	59
Transfer Within the University	61
Disclosure of Student Records.....	61
Probation	61
Dismissal and Readmission	62
Graduation	63
Recognition of AUB Degrees by the Lebanese Ministry of Education	64
Medical Record.....	64
National Social Security Fund (NSSF) Medical Branch.....	65
Health Insurance Plan (HIP)	65
Passports and Visas	66
Payment of Fees	66
Study Abroad for Undergraduate Students.....	66
Fees and Expenses	67
Payment of Fees	67
Withdrawals	68
Financial Aid	69
Need-Based Financial Aid Grants	69
Need-Based Student Loans.....	69
U.S. Federal Student Loans	70
Office of Student Affairs	71
Student Activities	71
University Sports	72
Student Housing.....	73
Residence Halls.....	73
Career Hub	74
Work-Study Program	75
Bursary Program	75
Counseling.....	76
Student Wellness Outreach.....	76
Peer Support Center.....	77
Accessible Education Office: Disability Services and Learning Support	77
Title IX, Non-Discrimination and Anti- Harassment	78
Office of International Programs	79
International Student Services	79
Visas and Residence Permits	79
Study Abroad and Student Exchange	80
OIP Resources for Faculty	81

Faculty of Agricultural and Food Sciences (FAFS)	83
Historical Background.....	84
Mission.....	84
Vision	84
Undergraduate Programs	85
Graduation Requirements.....	90
Minors in Nutrition and Dietetics and Food Science and Management	90
Minor in Agribusiness	91
Minor in Food Systems.....	91
Second BS Degree	92
Second BS Degree in Agriculture for Agribusiness Students	93
Second BS Degree in Agriculture for Food Science and Management Students.....	93
Transfers	94
Transfer of Courses.....	94
Elective Courses	94
Classification and Promotion	95
Eligibility for the Regular AREC Program.....	96
Curricula	97
Department of Agriculture (AGRI)	111
Undergraduate Program.....	111
Course Descriptions.....	112
Department of Nutrition and Food Sciences (NFSC)	120
Undergraduate Program.....	120
Department of Landscape Design and Ecosystem Management (LDEM)	129
Undergraduate Program.....	129
Course Descriptions.....	130
Faculty of Arts and Sciences (FAS)	141
Historical Background	141
Mission	142
Vision	142
Undergraduate Programs	142
Admission	143
Classification of Students	143
Full-time Students and Maximum Credit Loads	143
Requirements for Premedical Study	144
Academic Rules and Regulations	144
Summer Session	167
Course Descriptions	168
Courses Offered by Other Faculties	168
Department of Arabic and Near Eastern Languages	169
BA in Arabic Mission Statement	169
Degree Requirements	170
Course Descriptions.....	170
Department of Biology.....	177
BS in Biology	177
Course Descriptions.....	179
Department of Chemistry.....	187
BS in Chemistry	187

Civilization Studies Program (CVSP)	195
Mission Statement.....	195
Requirements.....	195
Department of Computer Science	200
Mission Statement.....	200
BS in Computer Science	201
BS/MS in Computer Science	201
BE in Computer Science & Engineering (CSE)	201
Minor in Computer Science	201
Minor in Computational Science.....	201
Minor in Data Science.....	202
Degree Requirements	202
Sample Study Plan for BS.....	203
Sample Study Plan for BS/MS	204
Department of Economics	210
BA in Economics.....	210
Course Descriptions.....	211
Department of Education	216
BA in Education/Elementary	216
Degree Requirements	217
Minor in Education	217
Diploma Programs	218
BA in Education	222
Course Descriptions.....	223
Methods Courses.....	226
Department of English	230
Department Course Offerings	231
Undergraduate Degrees	231
Degree Requirements	231
Communication Skills Course Descriptions	234
Literature Course Descriptions	235
Language Program.....	242
Department of Fine Arts and Art History	245
Mission Statement.....	245
Studio Arts Program.....	245
Course Descriptions.....	246
Art History Program	249
Theater Program	253
Music Program	255
Department of Geology	259
Mission Statement.....	259
BS Degree in Geology	260
Minor in Geology	261
Course Descriptions.....	261
Department of History and Archaeology	267
History	267
Archaeology	276
Department of Mathematics	281
Mission Statement.....	281
BA or BS in Mathematics.....	282

University General Education Requirements	282
Minor in Mathematics	282
BA or BS in Applied Mathematics	283
University General Education Requirements	283
Minor in Applied Mathematics	283
BA or BS in Statistics	284
University General Education Requirements	284
Minor in Statistics	284
Course Descriptions.....	285
Statistics.....	290
Department of Philosophy	293
Mission Statement.....	293
BA in Philosophy	293
Course Descriptions.....	294
Department of Physics.....	299
BS in Physics	299
Course Descriptions.....	301
Department of Political Studies and Public Administration (PSPA)	306
BA in Political Studies	
BA in Public Administration	306
Mission Statements.....	306
Graduation Requirements.....	307
Transfer of Major	308
Minor in PSPA.....	308
Course Descriptions.....	309
Department of Psychology	320
BA in Psychology	320
Department of Sociology, Anthropology, and Media Studies	326
BA in Sociology and Anthropology.....	326
BA in Media and Communication	334
The Anis Makdisi Program in Literature (AMPL).....	342
Objectives	342
Activities	342
Scholarships	342
Center for Arab and Middle Eastern Studies (CAMES)	343
Courses.....	343
Intensive Summer Arabic Programs	344
The Prince Alwaleed Bin Talal Bin Abdulaziz Alsaud Center for American Studies and Research (CASAR)	348
Courses	348
Center for Language Research and Teaching (CeLRT)	350
Science and Mathematics Education Center (SMEC)	351
University Preparatory Program (UPP).....	352
Courses.....	353
The Zaki Nassif Program for Music (ZNPM).....	355
Objectives.....	355
The Center for Arts and Humanities(Mellon Grant)	356
The Writing Center	357

Suliman S. Olayan School of Business (OSB)	359
Accreditation.....	362
Vision	362
Mission	362
RADICAL Values	362
Ethics and Integrity at OSB.....	363
Organization and Governance	363
Undergraduate Program: BBA Program	364
Business as a Second Degree.....	366
Dual Degree	366
Business as a Minor Field of Study	366
Academic Policies	367
Program Outline	372
Program Delivery	374
Program Delivery	376
Program Delivery	378
Program Delivery	380
Program Delivery	382
Program Delivery	384
Program Delivery	386
Undergraduate Business Courses.....	389
Maroun Semaan Faculty of Engineering and Architecture (MSFEA).....	409
Historical Background.....	409
Accreditation.....	410
Mission	410
Undergraduate Programs	410
Admissions	411
Residence Requirements	412
Academic Rules and Regulations.....	412
Graduation Requirements	412
Class Status	412
Courses.....	413
Biomedical Engineering Graduate Program.....	414
Elective Courses	415
Department of Architecture and Design	419
Architecture.....	420
Course Descriptions.....	423
Minor in Urban Studies	429
Graphic Design.....	431
Baha and Walid Bassatne Department of Chemical Engineering and Advanced Energy	449
Bachelor of Engineering (BE)	449
Bachelor of Science (BS)	454
Minor in Chemical Engineering.....	458
Minor in Petroleum Engineering	459
Department of Civil and Environmental Engineering	469
Undergraduate Programs	469
Bachelor of Engineering (BE) / Major: Civil Engineering.....	470
Bachelor of Science (BS)	472

Department of Electrical and Computer Engineering	489
Undergraduate Programs	489
Computer and Communications Engineering Program	490
Computer Science and Engineering Program.....	494
Electrical and Computer Engineering Program.....	498
Track and Minor in Artificial Intelligence	502
Minor in Biomedical Engineering.....	503
Track in Control and Robotics	504
Department of Industrial Engineering and Management (IEM)	529
Bachelor of Engineering (BE).....	529
Minor in Engineering Management.....	533
Department of Mechanical Engineering	537
Bachelor of Engineering (BE)	537
Mechanical Engineering Optional Tracks	541
ME Focus Area in Control and Robotics	543
Course Descriptions	545
Faculty of Health Sciences (FHS)	563
Historical Background.....	564
Accreditation.....	564
Mission.....	564
Vision	564
Undergraduate Programs	565
Department of Environmental Health	583
Course Descriptions.....	583
Department of Epidemiology and Population Health	587
Department of Health Promotion and Community Health	588
Course Description	588
Department of Health Management and Policy	592
Course Description	592
Division of Health Professions	593
Mission.....	593
Vision	593
Program of Medical Audiology Sciences	594
Course Description	594
Program of Medical Imaging Sciences	598
Course Description	598
Program of Medical Laboratory Sciences	601
Course Description	601
Center for Research on Population and Health (CRPH)	605
Center for Public Health Practice (CPHP)	606
Knowledge to Policy Center (K2P)	607
K2P Functions and Activities:	607
Collaborations.....	608
The Center for Systematic Reviews on Health Policy and Systems Research (SPARK)	609
SPARK Activities	609
Collaborations.....	609

Rafic Hariri School of Nursing (HSON).....	611
Historical Background.....	612
Mission.....	612
Vision.....	613
Undergraduate Program Outline.....	613
Academic Rules and Regulations.....	616
Awards.....	619
Curricula.....	620
Course Descriptions.....	627
Center for Civic Engagement and Community Service	633
Continuing Education Center (CEC)	635
Background.....	636
Mission.....	636
Vision.....	636
General Criteria for Admission.....	637
Graduation Requirements for Certificate and Diploma Programs.....	637
CEC Programs of Study	638
Business and Management.....	638
Cultural and Humanitarian Studies.....	651
Education.....	652
Fine Arts.....	654
Foreign Languages.....	660
Health Care.....	664
Media and Communication.....	667
Science and Technology.....	669
Certificate and Diploma Programs Course Descriptions.....	673
Special Programs.....	702
University for Seniors.....	707
Scholarships and Endowments.....	708
CEC Rules and Regulations.....	711
Endowed Faculty Chairs; Academic Centers, Programs, Institutes; Student Scholarships, Hardships; Fellowships; Awards; and Research Funds ..	715
Endowed Faculty Chairs.....	715
Academic Centers, Programs, and Institutes.....	716
Scholarships and Hardship Grants.....	716
Fellowships.....	726
University Prizes and Awards.....	726
Research Funds.....	733
Faculty List.....	735
Deans Emeriti.....	735
Professors Emeriti.....	735
Faculty Members.....	735
Index.....	771