

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

N.B. The information below is a general guideline to help in assessing the equivalence of courses for students transferring from local universities in Lebanon to LAU. Please note that this guideline is not binding on the academic departments, as they may have additional factors to bring to the assessment of equivalence

| Beirut Arab University | | | Lebanese American University | | | |
|------------------------|---|---------|------------------------------|----------|---------------------------------|---------|
| Course No. | Course Title | Credits | Subject | Course # | Title | Credits |
| ARAB110 | Intro.to Arabic Literature | 3 | ARA | 101 | Arabic Essay Read. & Writ. I | 3 |
| ARAB231 | Syntax and Morphology النحو والصرف | 2 | ELEC | 200 | Elective | 2 |
| ARAB232 | Explanations of Alfeyyat Ibn Malek شرح الألفية | 3 | ARA | 303 | Arabic Grammar and Syntax | 3 |
| ARAB233 | Introduction to Criticism and Rhetoric مدخل إلى النقد والبلاغة | 2 | ELEC | 200 | Elective | 2 |
| ARAB234 | Literature in the early Islamic Era ادب صدر الإسلام والعصر الأموي and the Umayyad Era | 3 | ARA | 320 | Pre-Islamic and Umayyad Poetry | 3 |
| ARAB235 | Introduction to Prosody and Rhyme مدخل إلى علم العروض والقافية | 2 | ELEC | 200 | Elective | 2 |
| ARAB236 | Arabic Rhetoric بلاغة عربية | 3 | ARA | 310 | Class. Arab. Rhet. & Lit. Crit. | 3 |
| ARAB237 | Writing Techniques تقنيات التعبير | 2 | ELEC | 200 | Elective | 2 |
| ARAB239 | Introduction to Linguistics مدخل إلى علم اللغويات | 2 | ELEC | 200 | Elective | 2 |
| ARAB331 | Theories of Literature and Criticism نظريات الادب والنقد | 3 | ARA | 312 | Contemp.Lit.Theory & Criticism | 3 |
| ARAB332 | Schools of Grammar المذاهب النحوية | 3 | ELEC | 200 | Elective | 3 |
| ARAB333 | Classical Arabic Criticism النقد العربي الكلاسيكي | 3 | ELEC | 200 | Elective | 3 |
| ARAB334 | Research Methods in Arabic مناهج البحث في اللغة العربية | 3 | ELEC | 200 | Elective | 3 |
| ARAB335 | The Arabic Novel الرواية العربية | 3 | ARA | 341 | Modern Arab. Nov.&Short Story | 3 |
| ARAB421 | Arabic Drama المسرح العربي | 3 | ARA | 342 | Arabic Drama | 3 |
| ARAB422 | Andalusian Literature ادب الاندلسي | 3 | ARA | 324 | Andalusian Literature | 3 |
| ARAB423 | Modern Arabic Poetry الشعر العربي الحديث | 3 | ARA | 343 | Modern Arabic Poetry | 3 |
| ARAB424 | Modern Arabic Literature الادب العربي الحديث | 3 | ARA | 343 | Modern Arabic Poetry | 3 |
| ARAB425 | Sufist Literature الادب الصوفي | 3 | ARA | 327 | Sufi Literature | 3 |
| ARAB238 | Lexicography علم المعاجم | 2 | ELEC | 200 | Elective | 2 |
| ARAB240 | Studies in Linguistics and Literary Heritage | 2 | ELEC | 200 | Elective | 2 |
| ARAB242 | Genres and Trends of Literature الادب: أنواعه ومذاهبه | 2 | ELEC | 200 | Elective | 2 |
| ARAB244 | Quranic Studies علوم القرآن | 2 | ELEC | 200 | Elective | 2 |
| ARAB336 | Translation and Arabization الترجمة والتعريب | 2 | ELEC | 200 | Elective | 2 |
| ARAB337 | Socio - Linguistics علم اللغة الاجتماعي | 2 | ELEC | 200 | Elective | 2 |
| ARAB338 | The literary & linguistic Movement in Lebanon in the 19th & 20th centuries | 2 | ELEC | 200 | Elective | 2 |
| ARAB339 | The history of -Criticism تاريخ النقد الأدبي | 2 | ELEC | 200 | Elective | 2 |
| ARAB340 | Phonetics and Phonology علم الأصوات | 2 | ELEC | 200 | Elective | 2 |
| ARAB341 | Islamic Civilization الحضارة الإسلامية | 2 | ELEC | 200 | Elective | 2 |
| ARAB342 | Hadith Terminology علوم الحديث الشريف | 2 | ELEC | 200 | Elective | 2 |
| ARAB343 | Classical Literary Criticism النقد الأدبي القديم | 2 | ELEC | 200 | Elective | 2 |
| ARAB344 | Semantics علم الدلالة | 2 | ELEC | 200 | Elective | 2 |
| ARAB345 | Applied Linguistics علم اللغة التطبيقي | 2 | ELEC | 200 | Elective | 2 |
| ARAB426 | Comparative Literature ادب مقارن | 2 | ELEC | 200 | Elective | 2 |
| ARAB427 | Modern Literary Criticism النقد الأدبي الحديث | 2 | ELEC | 200 | Elective | 2 |
| ARAB428 | Stylistics & Poetics الأسلوبية والشعرية | 2 | ELEC | 200 | Elective | 2 |
| ARAB429 | Mamluk & Ottoman Literature الادب المملوكي والعثماني | 2 | ELEC | 200 | Elective | 2 |
| ARAB430 | History of Arabic Literature تاريخ الادب العربي | 2 | ELEC | 200 | Elective | 2 |
| ARAB431 | Quranic Sciences علوم القرآن | 2 | ELEC | 200 | Elective | 2 |
| ARAB432 | Methods of Teaching طرق التدريس | 2 | ELEC | 200 | Elective | 2 |
| ARAB433 | Abbasid Literature الادب العباسي | 2 | ELEC | 200 | Elective | 2 |
| ARAB434 | Philology فقه اللغة | 2 | ELEC | 200 | Elective | 2 |
| ARAB435 | اللغة الشرفية | 2 | ELEC | 200 | Elective | 2 |

| Architecture | | | Lebanese American University | | | |
|--------------|---|---------|------------------------------|----------|-------------------------------|---------|
| Course No. | Course Title | Credits | Subject | Course # | Title | Credits |
| ARCH 003 | Introduction to Music | 2 | PFA | 210 | Fundamentals of Music | 3 |
| ARCH110 | Introduction to Photography | 3 | PHO | 211 | Photography I | 3 |
| ARCH111 | Fundamentals of Music | 3 | PFA | 101 | Appr. of Performing Arts | 3 |
| ARCH112 | Introduction to Drawing | 3 | ELEC | 100 | Freshman Elective | 3 |
| ARCH271* | Architectural Design Fundamentals: Visual Studies | 6 | ELEC | 200 | Elective | 6 |
| ARCH273* | Building Construction I | 2 | ARC | 421 | Building Technology I | 2 |
| ARCH275 | History of Architecture I | 2 | ARC | 371 | History of Architecture I | 3 |
| ARCH277 | CAD Drawing | 2 | ARC | 351 | Computer Graphics I | 2 |
| ARCH279 | Architectural Sketching | 2 | ARC | 240 | Sketching | 2 |
| ARCH272* | Architectural Design Fundamentals: Physical Studies | 5 | ARC | 311 | Building Systems I | 3 |
| ARCH274* | Building Construction II | 3 | ARC | 422 | Building Technology II | 2 |
| ARCH276 | Theory of Architecture I | 2 | ARC | 361 | Theory I | 2 |
| ARCH278 | Computer Graphics | 2 | ARC | 352 | Computer Graphics II | 2 |
| ARCH280 | Academic Writing | 2 | ELEC | 200 | Elective | 2 |
| ARCH291* | Architectural Design I | 5 | ELEC | 200 | Elective | 5 |
| ARCH293* | Building Construction III | 3 | ARC | 521 | Building Technology III | 2 |
| ARCH295 | History of Architecture II | 2 | ARC | 372 | History of Architecture II | 2 |
| ARCH297 | Theory of Colors | 2 | ELEC | 200 | Elective | 2 |
| CVUE231 | Theory of Structures for Architects | 2 | ARC | 312 | Building Systems II | 3 |
| ARCH292* | Architectural Design II | 5 | ARC | 331 | Design Studio III | 6 |
| ARCH294* | Building Construction IV | 3 | ARC | 522 | Building Technology IV | 2 |
| ARCH296 | Theory of Architecture II | 2 | ARC | 363 | Theory II | 2 |
| ARCH298 | Indoor Environmental Controls | 2 | ARC | 523 | Environmental Systems I | 3 |
| CVUE232 | Concrete and Steel Structures | 2 | ARC | 411 | Building Systems III | 3 |
| ARCH331* | Architectural Design III | 5 | ARC | 332 | Design Studio IV | 6 |
| ARCH333* | Execution Design I | 3 | ARC | 481 | Construction Documents | 4 |
| ARCH335 | History of Architecture III | 2 | ARC | 461 | Topics in Architecture Theory | 2 |
| ARCH338 | City and Town Planning | 2 | ARC | 481 | Construction Documents | 4 |
| MECH431 | HVAC and Sanitation For Architects | 2 | ARC | 523 | Environmental Systems I | 3 |
| ARCH332* | Architectural Design IV | 5 | ARC | 431 | Design Studio V | 6 |
| ARCH334* | Execution Design II | 3 | ARC | 471 | Contemporary Trends | 2 |
| ARCH336 | Theory of Architecture III | 2 | ARC | 461 | Topics in Architecture Theory | 2 |
| ARCH337 | Interior Design | 2 | DES | 331 | Design Studio III | 6 |
| ARCH339 | Environmental Design | 2 | ARC | 524 | Environmental Systems II | 3 |
| ARCH431* | Architectural Design V | 5 | ARC | 432 | Design Studio VI | 6 |
| ARCH433* | Execution Design III | 3 | ELEC | 200 | Elective | 3 |
| ARCH435 | Urban Design | 2 | ARC | 582 | Urban Planning II | 2 |

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| ARCH437 | Project Management | 2 |
| CVEE331 | Soil Mechanics & Foundations, and Material Properties & Testing | 2 |
| ARCH432* | Architectural Design VI | 5 |
| ARCH434* | Execution Design IV | 3 |
| ARCH436 | Research and Programming | 2 |
| ARCH438 | Specifications and Quantities | 2 |
| CVEE332 | Surveying for Architects | 2 |
| ARCH537 | Architectural Design VII | 5 |
| ARCH539 | Project Programming | 3 |
| ARCH534 | Graduation Thesis | 2 |
| ARCH535 | Building Regulations and Professional Practice | 2 |
| ARCH540 | Senior Project | 8 |
| ARCH533 | Architectural Criticism | 2 |
| ARCH536 | Design and Building Economics | 2 |
| ARCH261 | Introduction to Painting | 2 |
| ARCH262 | History of Arts | 2 |
| ARCH263 | Architectural Photography | 2 |
| ARCH264 | Perspective and Rendering | 2 |
| ARCH361 | Architecture and Environment | 2 |
| ARCH362 | Social Studies in Architecture | 2 |
| ARCH363 | Theory of Housing | 2 |
| ARCH364 | Virtual Reality | 2 |
| ARCH365 | Graphic Design | 2 |
| ARCH461 | Landscape Architecture | 2 |
| ARCH462 | Vernacular Architecture | 2 |
| ARCH463 | Intelligent Buildings | 2 |
| ARCH464 | Geographic Information System | 2 |
| ARCH465 | Building Information Modeling | 2 |
| ARCH466 | Environmental Psychology | 2 |
| ARCH561 | History of Islamic Arts | 2 |
| ARCH562 | Conservation of Historic Buildings | 2 |
| ARCH563 | Regionalism in Architecture | 2 |
| ARCH564 | Site Planning | 2 |
| ARCH565 | Urban Morphology | 2 |
| ARCH566 | Environmental Impact Assessment | 2 |
| ARCH567 | Topics in Architecture | 2 |

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| ELEC | 350 | Professional Elective | 2 |
| ELEC | 200 | Elective | 2 |
| ARC | 531 | Design Studio VII | 5 |
| ELEC | 200 | Elective | 3 |
| ELEC | 200 | Elective | 2 |
| ELEC | 200 | Elective | 2 |
| ELEC | 200 | Elective | 2 |
| ARC | 532 | Design Studio VIII | 5 |
| ELEC | 200 | Elective | 3 |
| ELEC | 200 | Elective | 2 |
| ELEC | 200 | Elective | 2 |
| ELEC | 200 | Elective | 8 |
| ELEC | 200 | Elective | 2 |
| ELEC | 200 | Elective | 2 |
| FND | 231 | Design Studio I-A | 3 |
| ELEC | 200 | Elective | 2 |
| ARC | 381 | Architectural Photography | 2 |
| ARC | 451 | Digital Modeling | 3 |
| ELEC | 350 | Professional Elective | 2 |
| ELEC | 355 | History & Theory Elective | 2 |
| ELEC | 355 | History & Theory Elective | 2 |
| ARC | 452 | Computer Animation | 3 |
| ELEC | 200 | Elective | 2 |
| ARC | 373 | History of Landscape Design | 2 |
| ELEC | 350 | Professional Elective | 2 |
| ELEC | 350 | Professional Elective | 2 |
| ELEC | 200 | Elective | 2 |
| ARC | 451 | Digital Modeling | 3 |
| ELEC | 200 | Elective | 2 |
| ARC | 376 | Intro. to Islamic Architecture | 3 |
| ELEC | 200 | Elective | 2 |
| ARC | 482 | Regional Architecture I | 2 |
| ELEC | 200 | Elective | 2 |
| ELEC | 200 | Elective | 2 |
| ELEC | 200 | Elective | 2 |
| ARC | 461 | Topics in Architecture Theory | 2 |

| Accounting | | |
|------------|---------------------------------|---------|
| Course No. | Course Title | Credits |
| BACC001 | Introduction To Accounting | 2 |
| BACC201 | Principles Of Accounting I | 3 |
| BACC202 | Principles Of Accounting II | 3 |
| BACC301 | Intermediate Accounting I | 3 |
| BACC302 | Intermediate Accounting II | 3 |
| BACC401 | Corporation&Partnership Account | 3 |
| BACC402 | Auditing | 3 |
| BACC403 | Cost Accounting | 3 |
| BACC404 | Managerial Accounting | 3 |
| BACC405 | Accounting Information Systems | 3 |
| BACC406 | Tax Accounting | 3 |
| BACC410 | Senior Project & Internship | 3 |
| BACC411 | Governmental Accounting | 3 |
| BACC412 | International Accounting | 3 |
| BACC413 | Advanced Cost & Managerial Acc | 3 |
| BACC414 | Advanced Financial Acc | 3 |
| BACC415 | Cost Ace For Rest&Hotels | 3 |
| BACC416 | Hospitality Managerial Acc | 3 |

| Subject | Course # | Title | Credits |
|---------|----------|------------------------------|---------|
| ELEC | 100 | Freshman Elective | 2 |
| ELEC | 200 | Elective | 3 |
| ACC | 203 | Financial Accounting | 3 |
| ACC | 311 | Intermediate Accounting I | 3 |
| ACC | 312 | Intermediate Accounting II | 3 |
| ELEC | 200 | Elective | 3 |
| ACC | 412 | External Auditing | 3 |
| ACC | 302 | Cost Accounting | 3 |
| ACC | 204 | Managerial Accounting | 3 |
| ACC | 420 | Information Technology Audit | 3 |
| ACC | 415 | Tax Accounting | 3 |
| ACC | 399 | Accounting Internship | 1 |
| ELEC | 200 | Elective | 3 |
| ACC | 421 | International Accounting | 3 |
| ELEC | 200 | Elective | 3 |
| ACC | 401 | Advanced Accounting | 3 |
| ELEC | 200 | Elective | 3 |
| ELEC | 200 | Elective | 3 |

| Biochemistry | | |
|--------------|--------------------------------------|---------|
| Course No. | Course Title | Credits |
| BCHM215 | Biochemistry | 3 |
| BCHM331 | Biochemistry | 3 |
| BCHM331L | Biochemistry Laboratory | 1 |
| BCHM336 | Metabolic Biochemistry | 3 |
| BCHM433 | Enzymology | 3 |
| BCHM433L | Enzymology Laboratory | 1 |
| BCHM432 | Clinical Biochemistry | 3 |
| BCHM432L | Clinical Biochemistry Laboratory | 1 |
| BCHM434 | Biotechnology | 3 |
| BCHM444 | Senior Project | 2 |
| BCHM435 | Seminar in Biochemistry | 1 |
| BCHM437 | Endocrinology | 3 |
| BCHM451 | Membrane Biochemistry | 3 |
| BCHM446 | Gene Therapy | 3 |
| BCHM445 | Biochemical Principles of Nutrition | 3 |
| BCHM447 | Biochemical and Molecular Toxicology | 3 |
| BCHM448 | Molecular Biology of Cancer | 3 |
| BCHM449 | Nucleic Acid - Protein Interaction | 3 |

| Subject | Course # | Title | Credits | |
|---------|----------|----------------------------|------------------------------|---|
| BCH | 300 | Essentials of Biochemistry | 3 | |
| AND | BCH | 301 | Introduction to Biochemistry | 4 |
| ELEC | 200 | Elective | 3 | |
| ELEC | 200 | Elective | 3 | |
| ELEC | 200 | Elective | 1 | |
| ELEC | 200 | Elective | 3 | |
| ELEC | 200 | Elective | 1 | |
| BIO | 410 | Biotechnology | 3 | |
| ELEC | 200 | Elective | 2 | |
| ELEC | 200 | Elective | 1 | |
| ELEC | 200 | Elective | 3 | |
| ELEC | 200 | Elective | 3 | |
| ELEC | 200 | Elective | 3 | |
| BCH | 300 | Essentials of Biochemistry | 3 | |
| ELEC | 200 | Elective | 3 | |
| BIO | 488 | Special Topics in Biology | 3 | |
| ELEC | 200 | Elective | 3 | |

| Economics | | |
|------------|-------------------------------|---------|
| Course No. | Course Title | Credits |
| ECON 110 | Fundamentals of Economics | 3 |
| BECO001 | Introduction To Economics | 2 |
| BECO201 | Microeconomics | 3 |
| BECO202 | Macroeconomics | 3 |
| BECO301 | Intermediate Microeconomics | 3 |
| BECO302 | Intermediate Macroeconomics | 3 |
| BECO401 | Economic Statistics | 3 |
| BECO402 | Money And Banking | 3 |
| BECO403 | International Economics | 3 |
| BECO404 | Economics Of Risk & Uncert. | 3 |
| BECO405 | Public Finan. & Fiscal Policy | 3 |
| BECO406 | Managerial Economics | 3 |
| BECO410 | Senior Project & Inter. | 3 |
| BECO411 | Environmental Economics | 3 |
| BECO412 | Health Economics | 3 |
| BECO413 | Labor Economics | 3 |

| Subject | Course # | Title | Credits |
|---------|----------|-------------------------------|---------|
| ECO | 101 | Survey of Economics | 4 |
| ELEC | 100 | Freshman Elective | 2 |
| ECO | 201 | Micro Economics | 3 |
| ECO | 202 | Macro Economics | 3 |
| ECO | 305 | Intermediate Microeconomics | 3 |
| ECO | 306 | Intermediate Macroeconomics | 3 |
| QBA | 201 | Managerial Statistics | 3 |
| ECO | 420 | Monetary Theory & Policy | 3 |
| ECO | 335 | International Economics | 3 |
| ELEC | 200 | Elective | 3 |
| ECO | 422 | Public Finance | 3 |
| ECO | 301 | Managerial Economics | 3 |
| ELEC | 200 | Elective | 3 |
| ECO | 320 | Environ., Res., & Energy Eco. | 3 |
| ECO | 402 | Sp.Top.ECO:Ev.Public Pol. | 3 |
| ECO | 342 | Labor & Human Resource Eco. | 3 |

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| BECO414 | Introduction To Econometrics | 3 | ECO | 332 | Introductory Econometrics | 0 |
| BECO415 | Islamic Economics | 3 | ECO | 402 | Sp.Top.ECO:Ev.Public Pol. | 3 |
| BECO416 | Economic Development | 3 | ECO | 311 | Economic Development | 3 |
| BECO417 | Applied Econometrics | 3 | ELEC | 200 | Elective | 3 |

Finance

| Course No. | Course Title | Credits | Subject | Course # | Title | Credits |
|------------|-----------------------------|---------|---------|----------|--------------------------------|---------|
| BFIN302 | Financial Management | 3 | FIN | 301 | Managerial Finance | 3 |
| BFIN314 | Investments | 3 | ELEC | 200 | Elective | 3 |
| BFIN401 | Security Analysis | 3 | FIN | 411 | Security Analysis & Port. Mgt. | 3 |
| BFIN402 | Islamic Banking | 3 | FIN | 323 | Islamic Banking and Finance | 3 |
| BFIN403 | Portfolio Management | 3 | FIN | 411 | Security Analysis & Port. Mgt. | 3 |
| BFIN404 | Bank Management | 3 | FIN | 311 | Banking Operations | 3 |
| BFIN405 | Principles Of Insurance | 3 | FIN | 321 | Introduction to Insurance | 3 |
| BFIN406 | Fundamentals Of Risk Manag. | 3 | ELEC | 305 | Finance Elective | 3 |
| BFIN410 | Senior Project & Internship | 3 | ELEC | 200 | Elective | 3 |
| BFIN411 | Real Estate Finance | 3 | ELEC | 305 | Finance Elective | 3 |
| BFIN412 | Finan. Instit.&Cap.Markets | 3 | FIN | 302 | Financial Institut. & Markets | 3 |
| BFIN413 | Derivatives | 3 | FIN | 421 | Financial Derivatives | 3 |
| BFIN414 | International Finance | 3 | FIN | 322 | Global Financial Management | 3 |
| BFIN415 | Credit & Risk Anal | 3 | ELEC | 200 | Elective | 3 |

Feasibility Study

| Course No. | Course Title | Credits | Subject | Course # | Title | Credits |
|------------|-------------------|---------|---------|----------|-------------------|---------|
| BFSC001 | Feasibility Study | 2 | ELEC | 100 | Freshman Elective | 2 |
| FSCS110 | Feasibility Study | 3 | ELEC | 100 | Freshman Elective | 3 |
| BFSC302 | Taxation Systems | 3 | ELEC | 200 | Elective | 3 |

Hotel Management

| Course No. | Course Title | Credits | Subject | Course # | Title | Credits |
|------------|-------------------------------|---------|---------|----------|-----------------------|---------|
| BHOT001 | Hotel Management | 2 | ELEC | 100 | Freshman Elective | 2 |
| BHOT301 | Intr.To Hosp.Management | 3 | ELEC | 200 | Elective | 3 |
| BHOT302 | Lodging Manag.&Operations | 3 | ELEC | 200 | Elective | 3 |
| BHOT401 | Food & Bev.Prod & Control | 3 | ELEC | 200 | Elective | 3 |
| BHOT402 | Hoteloperations | 3 | ELEC | 200 | Elective | 3 |
| BHOT403 | Event Planning And Manag. | 3 | ELEC | 200 | Elective | 3 |
| BHOT404 | Hospitality & Tourism Market. | 3 | MKT | 308 | Hospitality Marketing | 3 |
| BHOT410 | Senior Project & Internship | 3 | ELEC | 200 | Elective | 3 |
| BHOT411 | Travel Agen.&Tourism Manag. | 3 | ELEC | 200 | Elective | 3 |
| BHOT412 | Eco And Cultural Tourism | 3 | ELEC | 200 | Elective | 3 |

Biology

| Course No. | Course Title | Credits | Subject | Course # | Title | Credits |
|------------|---------------------------------------|---------|---------|----------|---------------------------------|---------|
| BIOL120 | Introduction to Biology | 3 | BIO | 101 | Introd. to Biological Sci. | 4 |
| BIOL123 | General Biology 2 | 3 | BIO | 101 | Introd. to Biological Sci. | 4 |
| BIOL 223 | Biology | 3 | BIO | 200 | Basic Biology | 3 |
| BIOL 226 | Microbiology | 3 | BIO | 222 | Microbiology, A Hum.Perspective | 3 |
| BIOL231 | Biology I | 3 | AND | | | |
| BIOL231L | Biology I Laboratory | 1 | BIO | 201 | General Biology I | 4 |
| BIOL232 | Biology II | 3 | AND | | | |
| BIOL232L | Biology II Laboratory | 1 | BIO | 202 | General Biology II | 4 |
| BIOL236 | Immunology | 2 | BIO | 420 | Virology & Immunology | 3 |
| BIOL333 | Microbiology | 3 | BIO | 311 | Microbiology | 3 |
| BIOL333L | Microbiology Laboratory | 1 | BIO | 312 | Microbiology Lab | 1 |
| BIOL334 | Cell and Molecular Biology | 3 | AND | | | |
| BIOL334L | Cell and Molecular Biology Laboratory | 1 | BIO | 345 | Cell & Molecular Biology | 4 |
| BIOL336 | Plant Physiology | 3 | BIO | 341 | Plant Physiology | 3 |
| BIOL336L | Plant Physiology Laboratory | 1 | ELEC | 200 | Elective | 1 |
| BIOL337 | Human Physiology | 3 | BIO | 343 | Anatomy & Physiology | 3 |
| BIOL338 | Genetics | 3 | BIO | 321 | Genetics | 3 |
| BIOL432 | Ecology | 3 | AND | | | |
| BIOL432L | Ecology Laboratory | 1 | BIO | 331 | Ecology | 4 |
| BIOL433 | Developmental Biology | 3 | BIO | 401 | Developmental Biology | 3 |
| BIOL433L | Developmental Biology Laboratory | 1 | ELEC | 200 | Elective | 1 |
| BIOL435 | Seminar in Biology | 1 | BIO | 489 | Seminar in Biology | 1 |
| BIOL444 | Senior Project | 2 | BIO | 499 | Senior Study - Biology | 3 |
| BIOL342 | Histology | 3 | BIO | 488 | Special Topics in Biology | 3 |
| BIOL344 | Virology | 3 | BIO | 420 | Virology & Immunology | 3 |
| BIOL441 | Cell and Tissue Culture | 3 | BIO | 488 | Special Topics in Biology | 3 |
| BIOL442 | Biology of Invertebrates | 3 | BIO | 488 | Special Topics in Biology | 3 |
| BIOL443 | Food Microbiology | 3 | ELEC | 200 | Elective | 3 |

Law

| Course No. | Course Title | Credits | Subject | Course # | Title | Credits |
|------------|--|---------|---------|----------|----------|---------|
| BLAW221 | Introduction to Law I (Theory of Legal Rule) | 2 | ELEC | 200 | Elective | 2 |
| BLAW222 | Penal Law I | 3 | ELEC | 200 | Elective | 3 |
| BLAW223 | Political Institutions | 3 | ELEC | 200 | Elective | 3 |
| BLAW224 | Constitutional Law | 2 | ELEC | 200 | Elective | 2 |
| BLAW225 | History of Social and Legal Institutions | 2 | ELEC | 200 | Elective | 2 |
| BLAW226 | Legal Methodology | 2 | ELEC | 200 | Elective | 2 |
| BLAW227 | Islamic Law I | 3 | ELEC | 200 | Elective | 3 |
| BLAW228 | Citizenship and Foreigners Status | 2 | ELEC | 200 | Elective | 2 |
| BLAW229 | International Organization | 3 | ELEC | 200 | Elective | 3 |
| BLAW230 | Principles of Political Economy | 2 | ELEC | 200 | Elective | 2 |
| BLAW232 | Introduction to Law II (Theory of Rights) | 2 | ELEC | 200 | Elective | 2 |
| BLAW251 | Penal Law II (General Part) | 3 | ELEC | 200 | Elective | 3 |
| BLAW252 | Public Finance | 3 | ELEC | 200 | Elective | 3 |
| BLAW253 | Public International Law | 3 | ELEC | 200 | Elective | 3 |
| BLAW254 | Islamic Law II | 3 | ELEC | 200 | Elective | 3 |
| BLAW255 | Civil Procedural Law I | 3 | ELEC | 200 | Elective | 3 |
| BLAW256 | Civil Procedural Law II | 2 | ELEC | 200 | Elective | 2 |
| BLAW257 | Personal Status Laws of Different Religions | 2 | ELEC | 200 | Elective | 2 |
| BLAW258 | Law of Proof | 2 | ELEC | 200 | Elective | 2 |
| BLAW259 | Administrative Law I | 3 | ELEC | 200 | Elective | 3 |
| BLAW260 | Administrative Law II | 3 | ELEC | 200 | Elective | 3 |
| BLAW261 | Civil Law I (Sources of Obligation) | 3 | ELEC | 200 | Elective | 3 |
| BLAW262 | Civil Law II (Rules of Obligation) | 2 | ELEC | 200 | Elective | 2 |
| BLAW301 | Criminal Law I | 3 | ELEC | 200 | Elective | 3 |
| BLAW302 | Criminal Law II | 3 | ELEC | 200 | Elective | 3 |
| BLAW303 | Commercial Law I | 2 | ELEC | 200 | Elective | 2 |

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| BMIS416 | Web Analytics | 3 |
| BMIS417 | E-Government | 3 |
| BMIS418 | Healthcare Information Sys. | 3 |
| BMIS431 | Expert Systems | 3 |
| BMIS432 | Computerized Bus. Applications | 2 |
| BMIS499 | Research Project | 2 |

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| ITM | 398 | IT Emerging Topics | 3 |
| ITM | 398 | IT Emerging Topics | 3 |
| ITM | 230 | Intro to Health Informatics | 3 |
| ITM | 398 | IT Emerging Topics | 3 |
| ITM | 398 | IT Emerging Topics | 3 |
| ELEC | 200 | Elective | 2 |

| Marketing | | |
|------------|--------------------------------|---------|
| Course No. | Course Title | Credits |
| MRKT110 | Principles of Marketing | 3 |
| BMKT001 | Introduction To Marketing | 2 |
| BMKT301 | Principles Of Marketing | 3 |
| BMKT302 | Services Marketing | 3 |
| BMKT401 | Marketing Research | 3 |
| BMKT402 | Strategic Marketing Manag. | 3 |
| BMKT403 | International Marketing | 3 |
| BMKT404 | Brand Management | 3 |
| BMKT405 | Consumer Behavior | 3 |
| BMKT406 | Advertising And Marketing Comm | 3 |
| BMKT410 | Senior Project & Internship | 3 |
| BMKT411 | Social Marketing | 3 |
| BMKT412 | Professional Selling | 3 |
| BMKT413 | Retail Management | 3 |
| BMKT414 | Public Relations | 3 |

| Subject | Course # | Title | Credits |
|---------|----------|-----------------------------|---------|
| ELEC | 100 | Freshman Elective | 3 |
| ELEC | 100 | Freshman Elective | 2 |
| MKT | 201 | Introduction to Marketing | 3 |
| MKT | 305 | Services Marketing | 3 |
| MKT | 421 | Marketing Research | 3 |
| MKT | 498 | Marketing Strategy | 3 |
| MKT | 311 | International Marketing | 3 |
| MKT | 488 | Topics in Marketing | 3 |
| MKT | 304 | Consumer Behavior | 3 |
| MKT | 302 | Integrated Marketing Com. | 3 |
| MKT | 399 | Marketing Internship | 1 |
| MKT | 488 | Topics in Marketing | 3 |
| MKT | 488 | Topics in Marketing | 3 |
| MKT | 310 | Retailing and Merchandizing | 3 |
| MKT | 488 | Topics in Marketing | 3 |

| Business Administration | | |
|-------------------------|--------------------------------|---------|
| Course No. | Course Title | Credits |
| BMTH201 | Business Math | 3 |
| BMTH202 | Business Statistics | 3 |
| BUSN201 | Business Law | 2 |
| BUSN203 | Business Communications | 2 |
| BUSN204 | Business Ethics | 2 |
| BUSN401 | E-Business | 3 |
| BUSN411 | Logistics & Supply Chain Manag | 3 |
| BUSN420 | Corporate Social Responsib. | 3 |

| Subject | Course # | Title | Credits |
|---------|----------|-------------------------|---------|
| ELEC | 200 | Elective | 3 |
| QBA | 201 | Managerial Statistics | 3 |
| BUS | 213 | Business Law and Ethics | 3 |
| BUS | 202 | Business Communication | 3 |
| BUS | 450C | Top: Business Ethics | 3 |
| ITM | 231 | E-Business | 3 |
| ELEC | 200 | Elective | 3 |
| ELEC | 200 | Elective | 3 |

| Chemistry | | |
|------------|---|---------|
| Course No. | Course Title | Credits |
| CHEM110 | Introduction to Chemistry | 3 |
| CHEM120 | Introduction To Chemistry 2 | 3 |
| CHEM121 | Introduction To Chemistry 3 | 3 |
| CHEM 213 | General Chemistry | 3 |
| CHEM 215 | Organic Chemistry | 3 |
| CHEM234 | Organic Chemistry | 3 |
| CHEM 234L | Organic Chemistry Laboratory | 1 |
| CHEM241 | Principles of Chemistry | 3 |
| CHEM242 | Analytical Chemistry | 3 |
| CHEM241L | Principles of Chemistry Laboratory | 1 |
| CHEM242L | Analytical Chemistry Laboratory | 1 |
| CHEM244 | Organic Chemistry I | 3 |
| CHEM246 | Physical Chemistry I | 3 |
| CHEM333 | Physical Chemistry | 3 |
| CHEM333L | Physical Chemistry Laboratory | 1 |
| CHEM341 | Organic Chemistry II | 3 |
| CHEM341L | Organic Chemistry Laboratory | 1 |
| CHEM342 | Instrumental Analysis | 3 |
| CHEM342L | Instrumental Analysis Laboratory | 1 |
| CHEM345 | Inorganic Chemistry I | 3 |
| CHEM346 | Bioorganic Chemistry | 3 |
| CHEM348 | Inorganic Chemistry II | 3 |
| CHEM348L | Inorganic Chemistry Laboratory | 1 |
| CHEM349 | Physical Chemistry II | 3 |
| CHEM349L | Physical Chemistry Laboratory | 1 |
| CHEM441 | Electrochemistry and Applications | 2 |
| CHEM441L | Electrochemistry and Applications Laboratory | 1 |
| CHEM 442 | Spectroscopic Identification of Chemical Compounds | 3 |
| CHEM442L | Spectroscopic Identification of Chemical Compounds Laboratory | 1 |
| CHEM444 | Senior Project | 2 |
| CHEM355 | Petrochemistry | 3 |
| CHEM356 | Environmental Chemistry | 3 |
| CHEM357 | Water Analysis | 3 |
| CHEM358 | Surface and Colloid Chemistry | 3 |
| CHEM359 | Regulatory Aspects of Industrial Chemicals | 3 |
| CHEM450 | Introduction to Medicinal Chemistry | 3 |
| CHEM451 | Physical Organic Chemistry | 3 |
| CHEM452 | Nuclear and Radiochemistry | 3 |
| CHEM453 | Materials Science | 3 |
| CHEM454 | Topics in Chemistry | 3 |

| Subject | Course # | Title | Credits |
|---------|----------|--------------------------------|---------|
| CHM | 101 | General Chemistry | 4 |
| CHM | 101 | General Chemistry | 4 |
| CHM | 101 | General Chemistry | 4 |
| CHM | 200 | Essentials of Chemistry | 3 |
| CHM | 310 | Basic Organic Chemistry | 3 |
| CHM | 310 | Basic Organic Chemistry | 3 |
| CHM | 313 | Organic Chemistry I Lab | 1 |
| CHM | 201 | Chemical Principles | 3 |
| CHM | 202 | Analytical Chemistry | 3 |
| CHM | 204 | Quantitative Analysis | 2 |
| CHM | 311 | Organic Chemistry I | 3 |
| CHM | 330 | Physical Chemistry I | 4 |
| CHM | 330 | Physical Chemistry I | 4 |
| CHM | 334 | Physical Chemistry Laboratory | 2 |
| CHM | 312 | Organic Chemistry II | 3 |
| CHM | 314 | Organic Chemistry II Lab | 1 |
| CHM | 401 | Instrumental Chemical Analysis | 3 |
| ELEC | 200 | Elective | 1 |
| CHM | 420 | Inorganic Chemistry | 4 |
| ELEC | 200 | Elective | 3 |
| CHM | 420 | Inorganic Chemistry | 4 |
| ELEC | 200 | Elective | 1 |
| CHM | 332 | Physical Chemistry II | 3 |
| CHM | 334 | Physical Chemistry Laboratory | 2 |
| ELEC | 200 | Elective | 2 |
| ELEC | 200 | Elective | 1 |
| ELEC | 200 | Elective | 3 |
| ELEC | 200 | Elective | 1 |
| CHM | 499 | Senior Study - Chemistry | 3 |
| ELEC | 200 | Elective | 3 |
| CHM | 340 | Environmental Chemistry | 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 |
| CHM | 402 | Chemistry of Materials | 3 |
| ELEC | 200 | Elective | 3 |

| Computer Programming | | |
|----------------------|--|---------|
| Course No. | Course Title | Credits |
| CMPS241 | Introduction to Programming | 3 |
| CMPS242 | Object Oriented Programming | 3 |
| CMPS244 | Digital Circuits | 3 |
| CMPS246 | Web Programming | 3 |
| CMPS248 | Discrete Structures I | 3 |
| CMPS 325 | Computer and Society | 3 |
| CMPS 326 | Introduction to Human-Computer Interaction | 3 |
| CMPS 327 | Image Processing | 3 |
| CMPS342 | Database Systems | 3 |
| CMPS343 | Computer Organization & Architecture | 3 |
| CMPS344 | Software Engineering | 3 |
| CMPS345 | Discrete Structures II | 3 |
| CMPS346 | Theory of Computation | 3 |
| CMPS347 | Data Structures | 3 |
| CMPS 348 | Compiler Construction | 3 |

| Subject | Course # | Title | Credits |
|---------|----------|-------------------------------|---------|
| ELEC | 200 | Elective | 3 |
| CSC | 243 | Intr: Object Oriented Program | 3 |
| CSC | 323 | Digital Systems Design | 3 |
| CSC | 443 | Web Programming | 3 |
| MTH | 207 | Discrete Structures I | 3 |
| ELEC | 200 | Elective | 3 |
| ELEC | 200 | Elective | 3 |
| ELEC | 200 | Elective | 3 |
| CSC | 375 | Database Management Systems | 3 |
| CSC | 420 | Computer Architecture | 3 |
| CSC | 490 | Software Engineering | 3 |
| MTH | 307 | Discrete Structure II | 3 |
| ELEC | 385 | CSC Technical Elective | 3 |
| CSC | 321 | Data Structures & Algorithms | 3 |
| ELEC | 200 | Elective | 3 |

| | | | | | | | |
|---------|---|---|----|-----|-----|------------------------------------|---|
| MCOM224 | (Press – Radio) Practical Training (تدريب عملي (صحافة – إذاعة) | 3 | OR | TVF | 222 | Introduction to Audio Visual Media | 3 |
| MCOM321 | Communication Theories نظريات الاتصال | 3 | | COM | 222 | Intro. to Audiovisual Media | 3 |
| MCOM322 | Methodology of Media Research مناهج البحث الإعلامي | 3 | OR | JSC | 451 | Media Research Methods | 3 |
| MCOM323 | International Media الإعلام الدولي | 3 | OR | COM | 451 | Media Research Methods | 3 |
| MCOM324 | Public Relations العلاقات العامة | 3 | OR | JSC | 330 | Arab & International Media | 3 |
| MCOM325 | -Practical Training (TV / E (صحافة إلكترونية – تلفزيون) (Journalism) تدريب عملي (تلفزيون – صحافة إلكترونية) | 3 | OR | COM | 330 | Arab and International Media | 3 |
| MCOM326 | (Radio – TV) Practical Training (تدريب عملي (إذاعة – تلفزيون) | 3 | OR | IOC | 213 | Public Relations | 3 |
| MCOM421 | Measuring Public Opinion الرأي العام وقياسه | 3 | | COM | 213 | Intro. to Public Relations | 3 |
| MCOM423 | Propaganda and Advertisement الدعاية والإعلان | 3 | | JSC | 332 | Audiovisual Reporting | 3 |
| MCOM424 | (TV Production – Press Production) Practical Training (تدريب عملي (إذاعة – تلفزيون) | 3 | OR | COM | 361 | Broadcast Journalism | 3 |
| MCOM425 | (Press – TV) Practical Training (تدريب عملي (صحافة – تلفزيون) | 3 | | COM | 235 | TV Production Principles | 3 |
| MCOM426 | Information Documentation التوثيق الإعلامي | 2 | | COM | 235 | Studio Television Production | 3 |
| MCOM228 | Media Texts in English نصوص إعلامية بلغة إنجليزية | 2 | | JSC | 200 | Elective | 3 |
| MCOM230 | Radio and TV Script الكتابة الإذاعية والتلفزيونية | 2 | OR | COM | 200 | Elective | 2 |
| MCOM327 | Local Media and Social Issues الإعلام المحلي وقضايا المجتمع | 2 | OR | TVF | 316 | Script Writing | 3 |
| MCOM328 | Specialized and Investigative Press الصحافة المتخصصة والاستقصائية | 2 | OR | COM | 326 | Writing for TV and Film | 3 |
| MCOM329 | Media and Arab Issues الإعلام والقضايا العربية | 2 | OR | JSC | 312 | Media & Society | 3 |
| MCOM330 | News Sources الخبر ومصادره | 2 | | COM | 319 | Media and Society | 3 |
| MCOM331 | Media and Sustainable Development الإعلام وقضايا التنمية المستدامة | 2 | | JSC | 431 | Investigative Journalism | 3 |
| MCOM332 | Media Policies السياسات الإعلامية | 2 | | COM | 314 | Investigative Journalism | 3 |
| MCOM426 | Media and Political Systems الإعلام والنظم السياسية | 2 | | JSC | 330 | Arab & International Media | 3 |
| MCOM427 | Design and Execution of Media Research تصميم وتنفيذ البحوث الإعلامية | 2 | | COM | 330 | Arab and International Media | 3 |
| MCOM428 | Administration of Media Corporations إدارة المؤسسات الإعلامية | 2 | | JSC | 200 | Elective | 2 |
| MCOM429 | Sociology of Literature علم اجتماع الأدب | 2 | | COM | 200 | Elective | 2 |
| MCOM430 | Media Ethics أخلاقيات وسائل الإعلام | 2 | OR | JSC | 419 | Media Law & Ethics | 3 |
| MCOM431 | Information Statistics الإحصاء الإعلامي | 2 | | COM | 329 | Media Law & Ethics | 3 |
| MCOM432 | Media Legislations and Ethical Codes التشريعات الإعلامية والمواثيق الأخلاقية | 2 | OR | JSC | 200 | Elective | 2 |
| MCOM433 | Communication Technology and E-Journalism تكنولوجيا الاتصال والصحافة الإلكترونية | 2 | | COM | 200 | Elective | 2 |
| MCOM435 | Documentaries and Drama الفعالم الوثائقي والدراما | 2 | OR | JSC | 331 | Media Skills Lab | 3 |
| | | | | TVF | 421 | Documentary Film | 3 |
| | | | | COM | 335 | Advanced TV Production | 3 |

| Nursing | | | Subject | Course # | Title | LAU Credits |
|------------|---|---------|---------|----------|-------------------|--------------------------------|
| Course No. | Course Title | Credits | | | | |
| NURS110 | Principles of First Aid | 3 | ELEC | 100 | Freshman Elective | 3 |
| NURS207 | Nursing Fundamentals and Professional Ethics | 3 | | | | |
| NURS220 | Health Assessment Across the Lifespan | 2 | AND | NUR | 201 | Fund. of Nurs. & Health Asses. |
| NURS209 | Nursing Fundamentals: Practice | 2 | | ELEC | 200 | Elective |
| NURS215 | Anatomy and Physiology for Nurses | 3 | | ELEC | 200 | Elective |
| NURS216 | Adult Health Nursing I: Theory | 3 | | ELEC | 200 | Elective |
| NURS218 | Adult Health Nursing I: Practice | 2 | | ELEC | 200 | Elective |
| NURS222 | Emergency Care Nursing: Theory | 3 | | ELEC | 200 | Elective |
| NURS224 | Pharmacology for Nurses | 3 | | NUR | 312 | Pharmacology for Nurs Prac |
| NURS226 | Emergency Care Nursing: Practice | 2 | | ELEC | 200 | Elective |
| NURS307 | Adult Health Nursing II: Theory | 3 | | ELEC | 200 | Elective |
| NURS309 | Adult Health Nursing II: Practice | 2 | | ELEC | 200 | Elective |
| NURS310 | Adult Health Nursing III: Theory | 3 | | ELEC | 200 | Elective |
| NURS316 | Adult Health Nursing III: Practice | 2 | | ELEC | 200 | Elective |
| NURS318 | Pediatric Health Nursing: Theory | 3 | | ELEC | 200 | Elective |
| NURS319 | Critical Care Nursing: Theory | 3 | | | | |
| NURS321 | Critical Care Nursing: Practice | 2 | AND | NUR | 444 | High Acuity Nur. Clin. Intens. |
| NURS320 | Pediatric Health Nursing: Practice | 2 | | ELEC | 200 | Elective |
| NURS322 | Nursing Practicum I | 4 | | NUR | 330 | Nursing Coop. Experience II |
| NURS405 | Obstetric and Gynecological Health Nursing: Theory | 2 | | ELEC | 200 | Elective |
| NURS406 | Community and Gerontological Health Nursing: Theory | 3 | | NUR | 443 | Healthy Life Styl. Clin.Inten. |
| NURS408 | Community and Gerontological Health Nursing: Practice | 2 | AND | NUR | 443 | Healthy Life Styl. Clin.Inten. |
| NURS407 | Obstetric and Gynecological Health Nursing: Practice | 2 | | ELEC | 200 | Elective |
| NURS409 | Mental Health and Illness Across the Lifespan | 1 | | | | |
| NURS419 | Psychiatric and Mental Health Nursing | 3 | AND | NUR | 441 | Mental Health Clin. Intensive |
| NURS410 | Leadership and Management in Nursing | 3 | | ELEC | 200 | Elective |
| NURS416 | Practicum II and Independent Project | 4 | | ELEC | 200 | Elective |
| NURS211 | Therapeutic Nutrition | 2 | | ELEC | 200 | Elective |
| NURS212 | Health Concepts | 2 | | ELEC | 200 | Elective |
| NURS313 | Infection Control | 2 | | ELEC | 200 | Elective |
| NURS317 | Change in Health Care | 2 | | ELEC | 200 | Elective |
| NURS412 | Palliative Care | 2 | | ELEC | 200 | Elective |
| NURS414 | Health Informatics | 2 | | ELEC | 200 | Elective |
| NURS415 | Health Education | 2 | | ELEC | 200 | Elective |
| NURS417 | Quality Control | 2 | | ELEC | 200 | Elective |

| Nutrition | | | Subject | Course # | Title | Credits |
|------------|----------------------------|---------|---------|----------|-------------------|--------------------------------|
| Course No. | Course Title | Credits | | | | |
| NUTR110 | Fundamentals of nutrition | 3 | ELEC | 100 | Freshman Elective | 3 |
| NUTR111 | Intro. of food safety | 3 | | ELEC | 100 | Freshman Elective |
| NUTR212 | Basic Nutrition | 3 | | NUT | 201 | Fundamental of Human Nutrition |
| NUTR309 | Food Technology | 3 | AND | NUT | 367 | Food Processing |
| | | | | NUT | 379 | Food Microbiology lab |
| NUTR310 | Nutrition in the Life Span | 3 | | NUT | 389 | Nutrition in Life Cycle |

| Physics | | | Subject | Course # | Title | Credits |
|----------|--|---|---------|----------|--------------------------------|---------|
| PHYS1120 | Introduction to Physics | 3 | PHY | 101 | Intro. to Physical Science | 4 |
| PHYS120 | Introduction To Physics 2 | 3 | PHY | 101 | Intro. to Physical Science | 4 |
| PHYS121 | Introduction To Physics 3 | 3 | PHY | 111 | Mechanics | 4 |
| PHYS 231 | Physics for Life Sciences | 3 | PHY | 301 | Classical Physics for Life Sc. | 3 |
| PHYS231L | Physics for Life Sciences Laboratory | 1 | PHY | 302 | Classical Physics for L/Sc Lab | 1 |
| PHYS241 | Principles of Physics | 3 | ELEC | 200 | Elective | 3 |
| PHYS241L | Principles of Physics Laboratory | 1 | ELEC | 200 | Elective | 1 |
| PHYS242 | Thermal Physics | 2 | ELEC | 200 | Elective | 2 |
| PHYS242L | Thermal Physics Laboratory | 1 | ELEC | 200 | Elective | 1 |
| PHYS244 | Physical Optics | 2 | ELEC | 200 | Elective | 2 |
| PHYS244L | Physical Optics laboratory | 1 | ELEC | 200 | Elective | 1 |
| PHYS282 | Material Properties and Heat | 3 | CHM | 402 | Chemistry of Materials | 3 |
| PHYS341 | Classical Mechanics and Waves | 3 | ELEC | 200 | Elective | 3 |
| PHYS341L | Classical Mechanics and Waves Laboratory | 1 | ELEC | 200 | Elective | 1 |
| PHYS342 | Quantum Mechanics I | 3 | ELEC | 200 | Elective | 3 |
| PHYS343 | Electromagnetism | 3 | AND | | | |
| PHYS343L | Electromagnetism Laboratory | 1 | PHY | 201 | Electricity & Magnetism | 4 |
| PHYS344 | Relativity | 3 | ELEC | 200 | Elective | 3 |
| PHYS345 | Mathematical Methods for Physics | 3 | ELEC | 200 | Elective | 3 |
| PHYS441 | Electrodynamics | 3 | ELEC | 200 | Elective | 3 |
| PHYS442 | Solid State Physics | 3 | ELEC | 200 | Elective | 3 |
| PHYS442L | Solid State Physics Laboratory | 1 | ELEC | 200 | Elective | 1 |
| PHYS443 | Quantum Mechanics II | 3 | ELEC | 200 | Elective | 3 |
| PHYS444 | Senior Project | 2 | ELEC | 200 | Elective | 2 |
| PHYS446 | Statistical Physics | 3 | ELEC | 200 | Elective | 3 |
| PHYS448 | Computational Physics | 3 | ELEC | 200 | Elective | 3 |
| PHYS350 | Accelerators | 3 | ELEC | 200 | Elective | 3 |
| PHYS352 | Biophysics | 3 | ELEC | 200 | Elective | 3 |
| PHYS354 | Modern Physics | 3 | ELEC | 200 | Elective | 3 |
| PHYS356 | Astrophysics | 3 | ELEC | 200 | Elective | 3 |
| PHYS358 | Circuit Analysis | 3 | ELEC | 200 | Elective | 3 |
| PHYS360 | Atomic Physics | 3 | ELEC | 200 | Elective | 3 |
| PHYS451 | Elementary Particle Physics | 3 | ELEC | 200 | Elective | 3 |
| PHYS452 | Electronics | 3 | ELEC | 200 | Elective | 3 |
| PHYS453 | Nuclear Physics | 3 | ELEC | 200 | Elective | 3 |
| PHYS454 | Molecular Physics | 3 | ELEC | 200 | Elective | 3 |

| Philosophy | | | Subject | Course # | Title | Credits |
|------------|----------------------------|---|---------|----------|--------------------------------|---------|
| PHIL110 | Introduction to Philosophy | 3 | PHL | 101 | 20th Cent. Hist./Leb. & Region | 3 |

| Electric Power and Machines Program | | | Subject | Course # | Title | Credits |
|-------------------------------------|--|---|---------|----------|-----------------------|---------|
| POWE 210 | Electric Circuits | 3 | ELE | 201 | Electrical Circuits I | 3 |
| POWE 238 | Power Electronics | 2 | ELEC | 200 | Elective | 2 |
| POWE 238L | Circuits And Electronics Lab | 1 | ELEC | 200 | Elective | 1 |
| POWE 333 | Electric Machines And Drives | 3 | ELEC | 200 | Elective | 3 |
| POWE 271 | Electro-Magnetics | 3 | ELEC | 200 | Elective | 3 |
| POWE 214 | Electrical and Electronic Measurements | 3 | ELEC | 200 | Elective | 3 |
| POWE 331 | Electric Machines I | 3 | ELEC | 200 | Elective | 3 |
| POWE 321 | Electric Power I | 3 | ELEC | 200 | Elective | 3 |
| POWE 341* | Control I | 3 | ELEC | 200 | Elective | 3 |
| POWE 332 | Power Electronic I | 3 | ELEC | 200 | Elective | 3 |
| POWE 334 | Electric Machines II | 3 | ELEC | 200 | Elective | 3 |
| POWE 322 | Electric Power II | 3 | ELEC | 200 | Elective | 3 |
| POWE 431 | Power Electronic II | 3 | ELEC | 200 | Elective | 3 |
| POWE 421 | Protection I | 3 | ELEC | 200 | Elective | 3 |
| POWE 441 | Control II | 2 | ELEC | 200 | Elective | 2 |
| POWE 443 | Instrumentation | 2 | ELEC | 200 | Elective | 2 |
| POWE 422 | Power System CAD | 2 | ELEC | 200 | Elective | 2 |
| POWE 424 | Protection II | 2 | ELEC | 200 | Elective | 2 |
| POWE 426 | Power System Analysis | 3 | ELEC | 200 | Elective | 3 |
| POWE 531 | Electrical Drives | 3 | ELEC | 200 | Elective | 3 |
| POWE 541 | Automation | 3 | ELEC | 200 | Elective | 3 |
| POWE 522 | High Voltage | 3 | ELEC | 200 | Elective | 3 |
| POWE 532 | Special Machines | 2 | ELEC | 200 | Elective | 2 |
| POWE 428 | Electrical Design In Commercial and Industrial Buildings | 2 | ELEC | 200 | Elective | 2 |
| POWE 444 | Digital Control | 2 | ELEC | 200 | Elective | 2 |
| POWE 533 | Specialized Modes of Machine Operation | 2 | ELEC | 200 | Elective | 2 |
| POWE 523 | Power System Planning | 2 | ELEC | 200 | Elective | 2 |
| POWE 534 | Advanced Topics In Power Electronics | 2 | ELEC | 200 | Elective | 2 |
| POWE 524 | Power System Control and Operation | 2 | ELEC | 200 | Elective | 2 |
| POWE 536 | Solid-State Drives | 2 | ELEC | 200 | Elective | 2 |

| Psychology | | | Subject | Course # | Title | Credits |
|------------|---|---|---------|----------|--------------------------------|---------|
| PSYC100 | Educational Psychology | 3 | ELEC | 100 | Freshman Elective | 3 |
| PSYC 110 | Introduction to Psychology | 3 | PSY | 101 | Psychology for All | 3 |
| PSYC222 | Developmental Psychology علم نفس النمو | 3 | PSY | 234 | Development across Life Span | 3 |
| PSYC224 | Cognitive Psychology علم النفس المعرفي | 3 | PSY | 322 | Mind and Behavior | 3 |
| PSYC321 | Physiological Psychology علم النفس الفسيولوجي | 3 | PSY | 355 | Biological Basis of Behavior | 3 |
| PSYC322 | Vocational Psychology علم النفس المهني | 3 | ELEC | 200 | Elective | 3 |
| PSYC323 | Criminal Psychology علم النفس الجنائي | 3 | ELEC | 200 | Elective | 3 |
| PSYC324 | Psychology of Personality علم نفس الشخصية | 3 | PSY | 320 | Theories of Personality | 3 |
| PSYC325 | Psychology of Learning سيكولوجية التعلم | 3 | PSY | 295 | Theories of Learning | 3 |
| PSYC421 | Methods of Research in Psychology مناهج البحث في علم النفس | 3 | PSY | 245 | Research Methods I | 3 |
| PSYC422 | Clinical Psychology علم النفس الاكلينيكي | 3 | PSY | 425 | Abnormal Psychology | 3 |
| PSYC423 | Psychometric القياس النفسي | 3 | ELEC | 200 | Elective | 3 |
| PSYC424 | Positive Psychology علم النفس الايجابي | 3 | PSY | 498 | Top.: Relationships&Sexuality | 3 |
| PSYC425 | Health Psychology علم النفس الصحة | 3 | ELEC | 200 | Elective | 3 |
| PSYC426 | Counseling and Psychotherapy الإرشاد والعلاج النفسي | 3 | PSY | 466 | Counseling Theories | 3 |
| PSYC226 | Mental Abilities القدرات العقلية | 2 | ELEC | 200 | Elective | 3 |
| PSYC228 | Social Psychology علم النفس الاجتماعي | 2 | PSY | 204 | Social Psychology | 3 |
| PSYC327 | Psychology of Family علم النفس الاسري | 2 | ELEC | 200 | Elective | 2 |
| PSYC329 | Psychology of Adolescence سيكولوجية المراهقة | 2 | PSY | 203 | Psychology of Youth | 3 |
| PSYC331 | Psychology of special needs سيكولوجية ذوي الاحتياجات الخاصة | 2 | PSY | 311 | Exceptional Child | 3 |
| PSYC333 | Psychological Texts نصوص سيكولوجية | 2 | ELEC | 200 | Elective | 2 |
| PSYC334 | Statistical Psychology الاحصاء السيكولوجي | 2 | STA | 302 | Intro to Stat. in the Soc. Sc. | 3 |

