

**BSc in Accounting Technology
Curriculum plan
2025-2026**

GENERAL EDUCATION REQUIREMENTS (38 credits)**National Requirements (7 credits)**

Course code	Course title	Credit units			Pre-requisites
		LEC	LAB	Total	
ARHG 104/101	Arabic for Arabic Speakers/Arabic for Non-Arabic Speakers	3	0	3	
ARHG 106	Modern History of Bahrain	2	0	2	
ARHG 107	Human Rights	2	0	2	

English Requirements (6 credits)

Course code	Course title	Credit units			Pre-requisites
		LEC	LAB	Total	
ENGL 101	Composition I	3	0	3	
ENGL 102	Composition II	3	0	3	ENGL 101

Mathematics Requirements (6 credits)

Course code	Course title	Credit units			Pre-requisites
		LEC	LAB	Total	
MATH 115	Introduction to Probability and Statistics	3	0	3	
MATH 130 or MATH 131*	College Algebra or Finite Math with Calculus	3	0	3	

*Students can be exempted from these courses if they successfully completed any 100 level (NQF level 5) math course

Social & Behavioral Science Requirements (3 credits)

Course code	Course title	Credit units			Pre-requisites
		LEC	LAB	Total	
ENGL 205	Business Communication	3	0	3	

Information Technology Requirements (3 credits)

Course code	Course title	Credit units			Pre-requisites
		LEC	LAB	Total	
COSC 101	Introduction to Computing	3	0	3	

Lifelong Learning Requirements (1 credit)

Course code	Course title	Credit units			Pre-requisites
		LEC	LAB	Total	
UNSS 101	University Success	1	0	1	

Natural Sciences Requirements (4 credits)

Students should complete a minimum of 4 credits, including at least 1 credit lab from the Natural Science list of the general Education tabulated below.

Arts and the Humanities Requirements (3 credits)

Students should complete a minimum of 3 credits from the Arts and Humanities list of the general Education tabulated below.

Free General Education Electives (5 credits)

A minimum of 5 credits can be taken from any of the General Education courses (Free General Education Electives) listed below.

Mathematics

Course code	Course title	Credit units			Pre-requisites
		LEC	LAB	Total	
MATH 153	Calculus I	4	0	4	
MATH 154	Calculus II	4	0	4	MATH 153
MATH 252	Calculus III	4	0	4	MATH 152 or MATH 154
MATH 203	Discrete Mathematics	3	0	3	MATH 151 or MATH 153
MATH 255	Introduction to Linear Algebra	3	0	3	MATH 151 or MATH 153
MATH 260	Probability and Statistics	4	0	4	MATH 152 or MATH 154

Natural Sciences

Course code	Course title	Credit units			Pre-requisites
		LEC	LAB	Total	
PHYS 101	Principles of Physics I	3	0	3	MATH 099 or placement exam, co-requisite: PHYS 101L
PHYS 101L	Principles of Physics I Lab	0	1	1	MATH 099 or placement exam, co-requisite: PHYS 101

PHYS 102	Principles of Physics II	3	0	3	PHYS 101, PHYS 101 L, MATH 151/153, co-requisite: PHYS 102L
PHYS 102L	Principles of Physics II Lab	0	1	1	PHYS 101, PHYS 101 L, MATH 151/153, co-requisite: PHYS 102
CHEM 101	Introductory Chemistry	3	0	3	Co-requisite: CHEM 101L
CHEM 101L	Introductory Chemistry Lab	0	1	1	Co-requisite: CHEM 101
CHEM 103	General Chemistry	3	0	3	Co-requisite: CHEM 103L
CHEM 103L	General Chemistry Lab	0	1	1	Co-requisite: CHEM 103
BIOL 101	Principles of Biology I	3	0	3	Co-requisite: BIOL 101L
BIOL 101L	Principles of Biology I Lab	0	1	1	Co-requisite: BIOL 101
ASTR 352	Current Developments in Astronomy	3	0	3	Co-requisite: ASTR 352L (unless taken as a Free General Education Elective without ASTR 352L)
ASTR 352L	Current Developments in Astronomy Lab	0	1	1	Co-requisite: ASTR 352
ENVS 201	Environmental Science	3	0	3	Co-requisite: ENVS 201L (unless taken as a Free General Education Elective without ENVS 201L)
ENVS 201L	Environmental Science Lab	0	1	1	Co-requisite: ENVS 201

Arts and the Humanities

Course code	Course title	Credit units			Pre-requisites
		LEC	LAB	Total	
TURK 101	Turkish for Beginners	3	0	3	
CCHN 101	Spoken Mandarin	3	0	3	
PHIL 101	Introduction to Philosophy	3	0	3	
PHIL 201	Oriental and Islamic Philosophy	3	0	3	
ANTH 152	Introduction to Cultural Anthropology	3	0	3	
HUMS 101	Forms and Ideas in the Humanities	3	0	3	
HIST 201	World History	3	0	3	
ENGL 103	Public Speaking	3	0	3	
COMS 356	Intercultural Communication	3	0	3	ENGL 101
CULT 101	Cultural Criticism	2	0	2	ENGL 101
MUSC 101	Music Appreciation	2	0	2	

Social & Behavioral Sciences

Course code	Course title	Credit units			Pre-requisites
		LEC	LAB	Total	
PSYC 101	Introduction to Psychology	3	0	3	
SOCS 101	Introduction to Sociology	3	0	3	
SUST 101	Principles of Sustainability	3	0	3	
POLS 321	Comparative Political Ideologies	3	0	3	
PSYC 202	Mind Matters: A Practical Exploration	3	0	3	
MDIA 101	New Media and Society	2	0	2	

Graduate Portfolio

Students are also required to compile a portfolio of evidence showing their development throughout their educational journey. The portfolio is expected to include a sample of activities that the student considers significant to his/her learning. The graduation portfolio aims to:

- Provide an insight into the student's personality and areas of interest.
- Showcase the student's work and development over time.
- Encourage students to engage in their wider academic and social context.
- Encourage students to reflect on their own learning and development.
- Promote AUBH graduates to employers.

Business Core Requirements (33 Credits)

Course Code	Course title	Credit units			Pre-requisites
		LEC	LAB	Total	
ACCT 201	Introduction to Financial Accounting	3	0	3	
ACCT 202	Introduction to Managerial Accounting	3	0	3	ACCT 201
BUSN 101	Introduction to Business	3	0	3	
BUSN 301	Business Law	3	0	3	Minimum 60 credits
ECON 201	Principles of Microeconomics	3	0	3	
ECON 202	Principles of Macroeconomics	3	0	3	ECON 201
FINC 201	Essentials of Financial Analysis	3	0	3	ACCT 201
MGMT 101	Principles of Management	3	0	3	
MGMT 350	Business Ethics	3	0	3	MGMT 205 Co requisite ENGL 205
MRKG 101	Principles of Marketing	3	0	3	

MSYS 201	Principles of Management Information Systems	3	0	3	
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Major Requirements (45 Credits)

Course Code	Course title	Credit units			Pre-requisites
		LEC	LAB	Total	
ACCT 301	Performance Management I	3	0	3	ACCT 202
ACCT 315	Financial Reporting I	3	0	3	ACCT 201
ACCT 316	Accounting Information System and Internal Control	3	0	3	ACCT 201, MSYS 201
ACCT 318	ERP Financial Accounting and Controlling	3	0	3	ACCT 315
ACCT 320	Performance Management II	3	0	3	ACCT 301
ACCT 330	Audit Principles and Procedures I	3	0	3	ACCT 315
ACCT 410	Taxation	3	0	3	ACCT 315
ACCT 430	Method and Practice of Computerized Audit	3	0	3	ACCT 330
ACCT 431	Financial Reporting II	3	0	3	ACCT 315
ACCT 440	Accounting and the Blockchain	3	0	3	ACCT 316
ACCT 445	Big Data Analytics in Accounting and Finance	3	0	3	MATH 115, FINC 201, Minimum 75 credits
BUSN 401	Business Research Methods	0	3	0	MATH 115, Minimum 70 credits
ACCT 499	Capstone Project	6	0	6	BUSN 401, CGPA of 2.00, Minimum of 90 credits
ACCT 480	Accounting Internship	3	0	3	Minimum 90 credits, CGPA of 2.00, MRKG 101, MGMT 101, FINC 201

Major Electives (6 Credits) – Choose any 2 courses

Course Code	Course title	Credit units			Pre-requisites
		LEC	LAB	Total	
ACCT 465	Public Sector Accounting	3	0	3	ACCT 330
ACCT 455	Financial Statement Analytics Using Python	3	0	3	ACCT 315, Min 60 credits
ACCT 450	Audit Principles and Procedures II	3	0	3	ACCT 330
FINC 429	Financial Management	3	0	3	FINC 201, Min 60 credits
BUSN 410	Artificial Intelligence for Business	3	0	3	MATH 115 or MATH 153, ENGL 102, COSC 101 or MSYS 201, min 60 credits

Professional Elective Options (6 Credits)

Students pursuing a BSc in Accounting Technology must complete a minimum of 6 Professional Elective credits. Professional Elective credits may be earned via any course offered at or above the 200 level.

Total number of units: **128**

BSc in Accounting Technology
Semestrial Plan
2025-2026

First Year

First Semester

Course Code	Course title	Credit units			Pre-requisites
		LEC	LAB	Total	
ENGL 101	Composition I	3	0	3	
ARHG 101 / ARHG 104	Arabic for Non-Arabic Speakers / Arabic for Arabic Speakers	3	0	3	
MATH XXX	Math Requirement*	3	0	3	
UNSS 101	University Success	1	0	1	
ACCT 201	Introduction to Financial Accounting	3	0	3	
XXXX	Free General Education Elective (I)	3	0	3	
				16 units	

*A choice of Math 130 College Algebra or Math 131 Finite Math with Calculus.

*Students can be exempted from this requirement if they successfully completed any 100 level (NQF level 5) Math course.

Second Semester

Course Code	Course title	Credit units			Pre-requisites
		LEC	LAB	Total	
ENGL 102	Composition II	3	0	3	ENG 101
ARHG 106	Modern History of Bahrain	2	0	2	
ARHG 107	Human Rights	2	0	2	
COSC 101	Introduction to Computing	3	0	3	
ACCT 202	Introduction to Managerial Accounting	3	0	3	ACCT 201
MATH 115	Introduction to Probability and Statistics	3	0	3	
				16 units	

Second Year

First Semester

Course Code	Course title	Credit units			Pre-requisites
		LEC	LAB	Total	
XXXX	Natural Science Requirement	3	0	3	
XXXX	Natural Science Lab Requirement	0	1	1	
BUSN 101	Introduction to Business	3	0	3	
ACCT 315	Financial Reporting I	3	0	3	ACCT 201
ECON 201	Principles of Microeconomics	3	0	3	
MGMT 101	Principles of Management	3	0	3	
				16 units	

Second Semester

Course Code	Course title	Credit units			Pre-requisites
		LEC	LAB	Total	
FINC 201	Essentials of Financial Analysis	3	0	3	ACCT 201
ECON 202	Principles of Macroeconomics	3	0	3	ECON 201
MSYS 201	Principles of Management Information Systems	3	0	3	
XXXX	Free General Education Elective (II)	2	0	2	
ACCT 301	Performance Management I	3	0	3	ACCT 202
ENGL 205	Business Communication	3	0	3	
				17 units	

Third Year

First Semester

Course Code	Course title	Credit units			Pre-requisites
		LEC	LAB	Total	
BUSN 301	Business Law	3	0	3	Minimum of 60 Credits
MRKG 101	Principles of Marketing	3	0	3	
ACCT 316	Accounting Information System and Internal Control	3	0	3	ACCT 201, MSYS 201
ACCT 330	Audit Principles and Procedures I	3	0	3	ACCT 315
XXXX	Arts and the Humanities Requirement	3	0	3	
				15 units	

Second Semester

Course Code	Course title	Credit units			Pre-requisites
		LEC	LAB	Total	
ACCT 318	ERP Financial Accounting and Controlling	3	0	3	ACCT 315
ACCT 320	Performance Management II	3	0	3	ACCT 301
MGMT 350	Business Ethics	3	0	3	MGMT 205, Co-requisite ENGL 205
XXXX	Professional Elective I	3	0	3	
ACCT 430	Method and Practice of Computerized Audit	3	0	3	ACCT 330
				15 units	

Summer Semester

Course Code	Course title	Credit units			Pre-requisites
		LEC	LAB	Total	
ACCT 480	Accounting Internship	3	0	3	Minimum of 90 credits and a CGPA of 2.00. Business senior standing, MGMT 101, MRKG 101, and FINC 201
				3 units	

Fourth Year

First Semester

Course Code	Course title	Credit units			Pre-requisites
		LEC	LAB	Total	
BUSN 401	Business Research Methods	3	0	3	MATH 115
ACCT 410	Taxation	3	0	3	Min 70 credits
ACCT XXX	Major Electives I	3	0	3	ACCT 315
ACCT 431	Financial Reporting II	3	0	3	
XXXX	Professional Elective II	3	0	3	ACCT 315
				15 units	

Second Semester

Course Code	Course title	Credit units			Pre-requisites
		LEC	LAB	Total	
XXXX	Major Elective II	3	0	3	
ACCT 440	Accounting and the Blockchain	3	0	3	ACCT 316
ACCT 445	Big Data Analytics in Accounting and Finance	3	0	3	MATH 115, FINC 201, 75 Credits
ACCT 499	Capstone Project	6	0	6	BUSN 401, CGPA of 2.00, Minimum of 90 credits
				15 units	

Total units: 128 units

MAJOR ELECTIVES (6 credits)

Course Code	Course Title	Pre-requisites
BUSN 410	Artificial Intelligence for Business	MATH 115 or MATH 153, ENGL 102, COSC 101 or MSYS 201, min 60 credits
ACCT 455	Financial Statement Analytics Using Python	ACCT 315
ACCT 465	Public Sector Accounting	ACCT 330
ACCT 450	Audit Principles and Procedures II	ACCT 330
FINC 429	Financial Management	FINC 201, minimum of 60 credits

PROFESSIONAL ELECTIVE OPTIONS (6 credits)

Students pursuing a BSc in Accounting Technology must complete a minimum of 6 Professional Elective credits. Professional Elective credits may be earned via any course offered at or above the 200 level.