

Mapping the UN Sustainable Development Goals (SDGs) keywords to the Ajman University Curriculum

Source: [Undergraduate Student Catalog AY 2021-2022](#)

Goal	Description	UN SDGs Keywords									Courses
Goal 1 45 Courses	No poverty	poverty	income distribution	wealth distribution	Socio- economic	employment	income	economic	property rights	Rights Insurance Water Family policy Telecommu nication	<ul style="list-style-type: none"> - Emiratis Studies: EMS112 - SSW188 Welfare for the Special Needs - SSW189 Social Service and Juvenile Welfare - Welfare of the Elderly SSW194 - MKT423 Social Media - SSW111 Social Responsibility - LAW307 Labour Law and Social Legislations - SSW152 Introduction to Social Work - SSW155 History of Social Thinking - SSW257 Social Theories - SSW258 Areas of Social Work - SSW259 Social Psychology - SSW261 Social and Cultural Change - SSW364 Social Problems - Family and Social Counseling - SSW472 Social Planning

											<ul style="list-style-type: none">- SSW183 Contemporary Social Issues- SSW190 Social Legislation- SSW191 Social Work and Social Defense- BUS 316 Legal Environment & Ethics- CO 210 Macroeconomics- ACC 412 Taxation Accounting- ECO 210 Macroeconomics- ECO200 Microeconomics- INT306 - Computer Ethics and Professional Practices- LAW106 Human Rights- MGT 200 Introduction to Management- MGT 323 Business Ethics- MKT 423 Social Media Marketing- DAT404 Business and Social Analytics- MOB-1 Financial Risk & Insurance- BDS514 Practice Management
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											<ul style="list-style-type: none"> - BUS 316 Legal Environment & Ethics - ECO320 Economic Development of GCC - ACC 412 Taxation Accounting - ACC 420 Accounting Theory - CIE 371 Engineering Economics - CIE 354 Hydrology & Water Resources - CIE101 Introduction to Civil Engineering - CIE 352 Environmental Engineering - CIE 361 Geotechnical Engineering I - Psy317 Family Psychology - SSW175 Sociology of the Family - ELE456 Telecommunication Systems - MOB-1 Commercial Banking
Goal 2 14 Courses	Zero Hunger	agriculture	food	insecurity	nutrition	Biological	Investment	Rural	genetic resources	Biological Investments	<ul style="list-style-type: none"> - NTN477 Nutrition Integrated Biological Sci. I - Microbiology & Immunology - FIN 410 Investments

											<ul style="list-style-type: none"> - COM486 Primary and Rural Health and Family Medicine - SSW177 Urban and Rural Sociology - BDS211 Preventive Dentistry & Nutrition - NTN477 Nutrition - BDS105 Histology & Cell Biology - BDS304 Pre-Clinical Pediatric Dentistry I - GEN233 Genetics - General Biology: BIO111 - PHA442 Principles and Practice of Toxicology - BDS108 Integrated Biological Sciences II - BDS104 Integrated Biological Sciences I - BDS111 Microbiology & Immunology - Investments FIN 410
Goal 3 38 Courses	Good health and well-being	health	well-being	aid	asthma	diseases	kidney disease	cardiovascular	addiction	Drug Asthma Kidney Cardiovascular Tumor	<ul style="list-style-type: none"> - BDS312 Pre-Clinical Orthodontics - AID111 First Aid - BDS207 Pharmacology I for Dentistry - BDS208 General Medicine & Infectious Diseases * - BDS111 Microbiology & Immunology

											<ul style="list-style-type: none"> Addiction human health drug cardiovascular respiratory respiratory lung 	<ul style="list-style-type: none"> - BDS205 Introduction to Oral & Dental Diseases - BDS209 General Surgery & ENT - BDS211 Preventive Dentistry & Nutrition - BDS415 Oral Medicine - POD242 Pathogenesis of Diseases - REN363 Renal Block - PHA231 Pharmacology II - PHA374 Therapeutics I - CVB351 Cardiovascular and Blood block - Psychology of Addiction Psy132 - PHA370 OTC & Drug Products - First Aid AID112 - BDS207 Pharmacology I for Dentistry - BDS205 Introduction to Oral & Dental Diseases - BDS208 General Medicine & Infectious Disease - BDS111 Microbiology & Immunology - REN363 Renal Block - BDS207 Pharmacology I for Dentistry - BME204 Human Physiology
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											<ul style="list-style-type: none"> - PHA476 Therapeutics III - PHA593 Professional Practice Experience – IV - PHA594 Professional Practice Experience – V - PHA379 Therapeutics II - PHA374 Therapeutics I - BME403 Medical Instrumentation II - RES352 Respiratory Block - RES352 Respiratory Block
Goal 4 133 Courses	Quality education	education	inclusive	equitable	training	Academic Writing	sustainable development	teaching	buildings	Readier School buildings	<ul style="list-style-type: none"> - MUD611 Sustainability and Energy Saving - DBA 737 Teaching Seminar/Practicum - Clinical Teaching - PDT552 Methods of Teaching Mathematics - Methods of Teaching Science - PDT555 Methods of Teaching English Language - Method of Teaching IT PDT558 - MRD606 Research Methods - PCC503 Writing for Public Relations - 179SSW Education of Sociology

											<ul style="list-style-type: none">- BDS101 English for Dentistry- Arabic as a Foreign Language ARB116- World Literature: WLT115- CIE101 Introduction to Civil Engineering- Architectural Training I- Architectural Training II- Architectural Training T1+T2- Biomaterials Basics & Applicant's- Biomechanics- Biomedical Imaging Systems I- Building Eng. Training I- Building Eng. Training II- Cardiovascular Block- Circuit Analysis- Clinical Clerkship I- Clinical Clerkship II- Clinical Pharmacy & First aid- Clinical Pharmacy Training- Clinical Teaching- Communications Skills- Complex Analysis- Computer Eng. Internship
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											<ul style="list-style-type: none">- Programming for Engineers I- Qur'an Sc. & Rules of Recit.- Renal Block- Report Writing & Presentation- Reproductive & Breast Block- Respiratory Block- Special Senses- Statics- Supervised Training- Surgery- Therapeutics I- Therapeutics II- Therapeutics III- Thermodynamics- Training (Computer Eng.)- Training in Graphic Design- Training in Print & E.Journalism- Training in Radio & TV- Training in social Instit. 1- Training in social Instit. 2- Trng. in Public Rel. & Advert.
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Goal 5 50 Courses	Leadership	gender	women	equality	inequality	Technology	stereotypes	decision making	Opportunities women Rights	Ownership status women opportunities ownership diversity technology female decision making	<ul style="list-style-type: none"> - BDS502 Geriatric Dentistry - Accounting for Decision Making - ACC 321 Cost Accounting - ECO 311 Managerial Economics - DAT401 - Data Mining - MKT 424 Marketing Management - INT207 Multimedia Technology - INT403 Selected Topics in Information Technology - EDT211 Educational Technology - Leadership & Team Building - GYN5X2 Obstetrics and Gynecology - Islamic Culture: ISL114 - REP362 Reproductive & Breast Block - LAW106 Human Rights - BUS 316 Legal Environment & Ethics - MGT 323 Business Ethics - Human Rights in the Modern Time
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											<ul style="list-style-type: none"> - ACC 210 Introduction to Managerial Accounting - ACC 330 Advanced Managerial Accounting - ACC 321 Cost Accounting - ECO 311 Managerial Economics - BDS402 Clinical Prosthodontics I - DAT401 - Data Mining - Introduction to Information Systems: INF212 - MKT 426 Digital Marketing - CIE101 Introduction to Civil Engineering - MEC101 – Introduction to Engineering - REAL ESTATE DEVELOPMENT - Practice in Interior Design - MGT 300 Organizational Behavior - ELE410 Engineering Management - BDS502 Geriatric Dentistry
Goal 6 34 Courses	Water quality	water	groundwater	contamination	water supply	groundwater contamination	soil groundwater	potable	water distribution	water treatment	<ul style="list-style-type: none"> - ENV113 Science of Energy and Global Environment

									managem ent	contaminat ion	- CIE 451 Hydrology & Water Resources
										resources managem ent	- CIE 352 Environmental Engineering
										rehabilitati on	- CIE 361 Geotechnical Engineering I
										pollution	- CIE 354 Hydrology and Water Resources
										potable water	- ARC422 Heritage Conservation
										polluted	- BDS301 Pre-Clinical Operative Dentistry I
										recycling	- BDS311 Pre-Clinical Pediatric Dentistry II
										treatment plants	- ARC532 Project Management
										ecosystems	- Construction Project Management
											- Graduation Project li
											- ARC422 Heritage Conservation
											- Building Mechanical Systems
											- Production & Operations Management MGT211
											- Project Management
											- MGT202 Human Resource 3 0 0 Management
											- CIE101 Introduction to Civil Engineering

											<ul style="list-style-type: none">- CIE 242 Transportation Engineering- CIE 361 Geotechnical Engineering I- CIE 491 Graduation Project I- ARC373 Sustainable Architecture- Geotechnical Engineering, I- Science of Energy and Global Environment: ENV113- INT309 - Cloud Computing- Construction Project Management- Graduation Project II- CIE 473 Construction Management- BID 303 Construction Drawings- ARC234 Building Construction - ARC536 Architectural Training-I- ARC537 Architectural Training-II- ARE420 Construction Estimation- ELE411 Power Generation,
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											Transmission and Distribution - General Biology: BIO111
Goal 7 39 Courses	energy efficiency	solar cells	energy	hydropower	geothermal	hydroelectric	solar	wind	Electric Hydropower power	Distribution Wireless Smart Microgrid wind energy diodes hydro grid smart grids	- BID 206 Lighting & Acoustics for Interior Design - ENV113 Science of energy and G.E - Sustainability & Energy Saving - Topics in Pwr & Renewable Energy - MEC453 Renewable Energy Systems - ELE478 Selected Topics in Pwr & Renewable Energy - ELE477 Smart Grid Renew. Energy Syst. - AST211 Astronomy - ELE471 Power Generation and Transmission - ELE312 Power Systems & Electrical Machines - ELE472 Electrical Power Distribution Systems - ELE455 Wireless Communication - ELE456 Telecommunication Systems

											<ul style="list-style-type: none">- Web & Smart Application Design- ELE205 Electronic Devices & Circuits I- CIE 451 Hydrology & Water Resources- CIE 451 Hydrology & Water Resources- ELE477 Smart Grid Renewable Energy Systems- Astronomy: AST211- ARC373 Sustainable Architecture- CHEM 111 General Chemistry- ENV113 Science of Energy and Global Environment- ELE203 Circuit Analysis I- PHY121 Engineering Physics I- PHY122 Engineering Physics II- ELE303 Electromagnetic Fields and Wave Propagation- Turbo- PHY111 General Physics- ELE463 Renewable Energy Systems
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											<ul style="list-style-type: none"> - ELE315 Electrical Machines and Power Systems - BME202 Biochemistry - CIE 351 Fluid Mechanics - MEC204 – Thermodynamics - MEC205 – Engineering Mechanics – Dynamics - Astronomy: AST211 - MEC402 – Turbo Machines - BDS508 Equipment Maintenance - Telecommunication Systems - ELE456 - INT311 - Advanced Computer Networks
Goal 8 51 Courses	economic development	productivity	sustainable development	environmental impact	labor	economic	labour	financial knowledge	fintech	Manufacturing Unemployment soil productivity young workworn capital	<ul style="list-style-type: none"> - ECO320 Economic Development of GCC - MGT 211 Production and Operations Management - Science of Energy and Global Environment: ENV113 - CIE 352 Environmental Engineering - MGT 202 Human Resource Management - ECO 200 Microeconomics

										working environment Industrial	<ul style="list-style-type: none"> - LAW307 Labour Law and Social Legislations - COM 476 Occupational & Env. Medicine - financial knowledge - MEC307 Manufacturing Technology - ECO 210 Macroeconomics - MGT 202 Human Resource Management - ECO200 Microeconomics - ECO210 Macroeconomics - COE-1 ECO320 Economic Development of GCC - CIE 361 Geotechnical Engineering I - CIE 484 Pavement Materials and Design - CIE 486 Geotechnical Engineering II - CIE 371 Engineering Economics - SW193 Family and Childhood - Psy102 Dev. Psych.: Childhood and Adolescence - PHA370 OTC drug and products
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											<ul style="list-style-type: none">- COM486 Primary and Rural Health and Family Medicine- COM476 Occupational & Environmental Medicine- FIN 210 Fundamentals of Finance- FIN 220 Corporate Finance- FIN 324 Commercial Banking- Computer Engineering Internship - COE401- CIE 499 Engineering Training- ELE462 Industrial Control Systems- BDS514 Practice Management- COM476 Occupational & Environmental Medicine- MEC451 Industrial Automation and Mechatronics- Emiratis Studies: EMS112- ELE465 Senior Seminar- CIE 352 Environmental Engineering
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Goal 9 26 Courses	Industry, innovation, and infrastructure	infrastru cture	innovation	industrial	buildings	manufacturi ng	innovati on	ARC373 Sustainab le	Internet	Process control Access Industrial Control Financing CAD energy conservatio n automation Pharmaceu tical Manufactur ing Fabrication Pharmaceu tical	<ul style="list-style-type: none"> - CIE 213 CAD for Civil Engineering - CIE 222 Civil Engineering Materials - MEC307 Manufacturing Technology - INN311 Innovation & Entrepreneurship - MEC307 Manufacturing Technology - ARC373 Sustainable Architecture - INT414 - Wireless Networks - ELE462 Industrial Control Systems - INT322 - Web Technologies - FIN 323 Islamic Banking and Finance - CIE 213 CAD for Civil Engineering* - PHY111 General Physics - ELE477 Smart Grid Renewable Energy Systems - PHA225 Pharmaceutical Analysis I - PHA265 Pharmaceutical Microbiology and Immunology II
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											<ul style="list-style-type: none"> - MGT 211 Production and Operations Management - MEC452 Computer Aided Design and Manufacturing - MEC451 Industrial Automation and Mechatronics - Architectural Design VI - CIE 242 Transportation Engineering - CIE 491 Graduation Project I - ELE421 VLSI Design - ARC234 Building Construction - PHA147 Principles of Pharmaceutical Care - PHA225 Pharmaceutical Analysis I - PHA226 Pharmaceutical Analysis II
Goal 10 42 Courses	Social	internati onal trade	crisis	economic	health	social inclusion	Trade	social	justice	banking	<ul style="list-style-type: none"> - MKT423 Social Media - 2PSY Psychology Social - SSW25 8 Areas of Social Work - SSW26 1 Social and Cultural Change - SSW364 Problems Social - SSW366 Family and Social Counseling - SSW472 Social planning

											<ul style="list-style-type: none">- Social and Behavioral Science- DAT404 Business and Social Analytics- LAW307 Labour Law and- PSY402 social psychology- SSW15 6 statistics- SSW26 1 Social and Cultural Change- SSW36 6 Family and Social Counseling- Methods and Social Research Design SSW46 9- Planning Social SSW47 2- SSW183 Contemporary Social Issues- Social Service and Juvenile Welfare SSW189- SSW195 School Social Work- MGT 411 International Business- CIE 371 Engineering Economics- MGT 323 Business Ethics- Work Ethics: LAW112- MOB-1 Islamic Banking and Finance
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											<ul style="list-style-type: none"> - MOB-1 Commercial Banking - ECO 210 Macroeconomics
Goal 11 25 Courses	urban	Heritage	urban development	public transport	intelligent transportation	urban planning	public transportation	waste	intelligent transport	Landscape historic buildings parking public spaces house marketing land solid	<ul style="list-style-type: none"> - CIE 242 Transportation Engineering - ARC420 Urban Design - ARC461 Urban Planning - ARC422 Heritage Conservation - CIE 352 Environmental Engineering - ELE456 TELECOMMUNICATION SYSTEMS - ARC363 Landscape Architecture - HISTORY OF ARCHITECTURE - MEC206 Mechanics of Solids - ARC320 Architectural Design - Interior Design II - Service Marketing MKT310 - Principles of Marketing MKT200 - Digital marketing MKT 426 - Marketing Management MKT 424 - Marketing Channels MKT 325

											<ul style="list-style-type: none"> - Selected Topics in Marketing MKT 313 - BUILDING MECHANICAL SYSTEMS - ARC364 Housing Design & Theory - Interior Design IV - CIE 361 Geotechnical Engineering I - Islamic Interiors - Interiors in the UAE - Interior Building Systems - MEC301 Heat Transfer - Introduction to Physics: PHY112
Goal 12 24 Courses	recycling	waste	natural resource	Sustainable	sustainable building	environmental	Science Environmental	Environment	natural resources	Buildings landfill	<ul style="list-style-type: none"> - ENV113 Science of Energy and Global Environment - MEC206 Mechanics of Solids - ARC373 Sustainable Architecture - CIE 352 Environmental Engineering - : ENV113 Science of Energy and Global Environment - ENV111 Environmental Science - CIE 352 Environmental Engineering

											<ul style="list-style-type: none">- ARC375 Active Thermal & Environmental Control- ARC433 Building Services- CIE101 Introduction to Civil Engineering- ARC363 Landscape Architecture- ARC234 Building Construction- ARC235 Advanced Building Technology- ARC433 Building Services- ARC344 Structural Design- ARC375 Active Thermal & Environmental Control- Interior Building Systems- CIE 451 Hydrology & Water Resources- MEC453 – Renewable Energy Systems- MGT211 – Production and Operations Management- ARC532 Project Management- Building Mechanical Systems
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											<ul style="list-style-type: none"> - Construction Project Management - Graduation Project Ii
Goal 13 16 Courses	global	climate	greenhouse	greenhouse gas	environm ent	environm ental impact	water resourc es	weather	laser	Conversion energy	<ul style="list-style-type: none"> - ENV113 Science of Energy and Global Environment - CIE 352 Environmental Engineering - MEC453 – Renewable Energy Systems - ARC375 Active Thermal & Environmental Control - ENV111 Environmental Science - ELE463 Renewable Energy Systems - Lasers & Modern Technology - CIE 354 Hydrology & Water Resources - ELE477 Smart Grid Renewable Energy Systems - ELE203 Circuit Analysis I - CIE 351 Fluid Mechanics - PHY121 Engineering Physics I - BUILDING MECHNICAL SYSTEMS - CHM111 – General Chemistry

											<ul style="list-style-type: none"> - CIE101 Introduction to Civil Engineering - ARC375 Active Thermal & Environmental Contro
Goal 14 15 Courses	fluid	ocean	hydrocarbons	water	contamination	oceanography	pollutants	oil	hydrocarbons	ocean	<ul style="list-style-type: none"> - CIE 351 Fluid Mechanics - ELE463 Renewable Energy Systems - CHM111 General Chemistry - CIE 354 Hydrology and Water Resources - CIE 352 Environmental Engineering - ENV113 Science of Energy and Global Environment - ECO 320 Economic Development of GCC - PHY121 Engineering Physics I - CIE 351 Fluid Mechanics - ELE463 Renewable Energy Systems - Astronomy: AST211 - CHM 111 General chemistry - CIE 354 Hydrology and Water Resources - LAW424 Air and Maritime Law - ENV111 Environmental Science

Goal 15 20 Courses	conservation	Environmental	sustainable	environmental	Fresh water						<ul style="list-style-type: none"> - PHY121 – Engineering Physics I - MEC207 – Fluid Mechanics - CIE 352 Environmental Engineering - ARC375 Active Thermal & Environmental Control - ARC373 Sustainable Architecture - ARC410 Architectural Design VI - ENGINEERING PHYSICS I - PHY121 - CIE 361 Geotechnical Engineering I - ELE463 Renewable Energy Systems - CIE101 Introduction to Civil Engineering - ARC120 Architectural Design I - ARC210 Architectural Design II - ARC344 Structural Design - CIE 354 Hydrology & Water Resources - CIE 361 Geotechnical Engineering I - ARC310 Architectural Design IV
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											<ul style="list-style-type: none"> - Graduation Project Ii - Sustainability for Interior Design - Occupational & Environmental Medicine - ENV111 Environmental Science
Goal 16 23 Courses	Human Rights	transparency	political rights	child welfare	justice	Stakeholder engagement					<ul style="list-style-type: none"> - LAW106 Human Rights - ISL112 Islamic Culture (Non-Arabs) - 128Psy Political Psychology - Work Ethics: LAW112 - HUM203 Human Rights in the Modern Time - SSW188 Welfare for the Special Needs - SSW194 Welfare of the Elderly - Emiratis Studies: EMS112 - Work Ethics: LAW112 - ARC532 Project Management - Civil Procedures Law (3) - Civil Procedures Law - Introduction to Law - Administrative Law (2) - Civil Transactions Law 5 - Family Psychology - Civil Transactions Law 3 - Civil Procedures Law (1) - Civil Procedures Law (2)

