

SUSTAINABLE DEVELOPMENT GOALS



SDG 17: PARTNERSHIPS FOR THE GOALS

Al Ain University



جامعة العين
AL AIN UNIVERSITY

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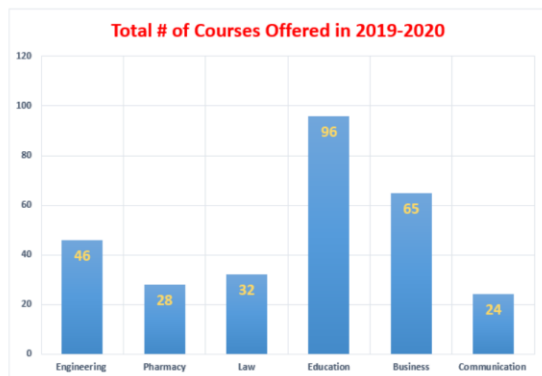
SUSTAINABLE DEVELOPMENT GOAL 17

Al Ain University's Education Initiatives for Sustainable Development Goals (SDGs)

Academic Courses on Sustainability and SDGs

Al Ain University (AAU) has embedded sustainability and SDG topics across its curriculum in the past 3–5 years. In the 2019–2020 academic year, AAU identified **62 for-credit courses** with sustainability components across *six different colleges*, out of 291 total courses [green.aau.ac.ae](https://green.aau.ac.ae/green.aau.ac.ae). These courses explicitly focus on sustainable development themes or specific SDGs in disciplines ranging from engineering and environmental sciences to business, law, and education. For example, AAU's **Environmental Science** courses incorporate topics like desert ecology, land conservation, and biodiversity protection to raise students' awareness of local ecosystem challenges [aau.ac.ae](https://aau.ac.ae/aau.ac.ae) (supporting *SDG 15: Life on Land*). Likewise, AAU offers programs in **environmental science and engineering** that include courses on water resource management [aau.ac.ae](https://aau.ac.ae/aau.ac.ae), aligning with *SDG 6: Clean Water and Sanitation*. In the **College of Engineering**, sustainability is a key focus – the **Civil Engineering** program (launched in 2018–2019) emphasizes sustainable infrastructure development [education.aau.ac.ae](https://education.aau.ac.ae/education.aau.ac.ae). Engineering faculty engage students in sustainable design practices; for instance, a civil engineering professor led a workshop on “**Sustainable Green Concrete**,” highlighting eco-friendly construction methods [aau.ac.ae](https://aau.ac.ae/aau.ac.ae). These examples demonstrate AAU's commitment to infusing SDG-related content into coursework across its health, education, engineering, law, and business programs.

Total Number of Courses/Subjects Offered



Above chart illustrates the total courses offered by Al Ain University and its distributions from its respective colleges.

Total number of courses with sustainability embedded for courses running in 2019/20 = 62

Total number of courses offered in 2019-2020 = 291 courses.

The list below contains the names of the courses offered by Al Ain University, in six different colleges, for the academic year (2019-2020).



55	Marketing Information Systems	0504333	Business
56	Managerial Accounting	0502603	Business
57	Advanced Accounting	0502610	Business
58	Financial Management	0503605	Business
59	Statistics and Research Methodology	0509601	Business
60	Managerial Economics	0509603	Business
61	Quality and Operations Management	0501608	Business
62	Healthcare Management	0507610	Business
63	Management Information Systems	0506607	Business
64	Marketing Management	0504606	Business
65	Project Integration and Scope Management	0508640	Business
66	Writing for Advertising	0602310	Communication and Media
67	Advertising Management	0602320	Communication and Media
68	TV and Radio Advertising	0602340	Communication and Media
69	Planning Advertising Campaigns	0602360	Communication and Media
70	Direct Marketing	0602430	Communication and Media
71	Branding and Trade Mark	0602431	Communication and Media
72	International Advertising	0602481	Communication and Media
73	Internship	0602490	Communication and Media
74	Introduction to Journalism	0601200	Communication and Media
75	Mass Communication Law and Ethics	0601201	Communication and Media
76	Mass Media in the UAE	0601202	Communication and Media
77	Journalism Campaigns	0601481	Communication and Media
78	Graduation Project	0601499	Communication and Media
79	Photojournalism	0601340E	Communication and Media
80	Protocol and Etiquette	0603320	Communication and Media
81	Public Relations Management	0603330	Communication and Media
82	Media Production	0603350	Communication and Media

83	Public Relations Campaigns	0603450	Communication and Media
84	Dialogue and Negotiation Management	0603460	Communication and Media
85	Public Relations and Social Media	0603461	Communication and Media
86	Case Studies in Public Relations	0603480	Communication and Media
87	Organization of Special Events	0603481	Communication and Media
88	International Public Relations	0603340E	Communication and Media
89	Online Public Relations	0603360E	Communication and Media
90	Principles of Descriptive Statistics	0408233	Education, Humanities and Social Sciences
91	Developmental Psychology and its Applications	0408237	Education, Humanities and Social Sciences
92	Introduction to Psychometrics	0408239	Education, Humanities and Social Sciences
93	Psychology of Personality	0408318	Education, Humanities and Social Sciences
94	Experimental Psychology	0408319	Education, Humanities and Social Sciences
95	Cognitive Psychology	0408322	Education, Humanities and Social Sciences
96	Industrial and Organizational Psychology	0408323	Education, Humanities and Social Sciences
97	Clinical Psychology	0408324	Education, Humanities and Social Sciences
98	Social psychology	0408325	Education, Humanities and Social Sciences
99	Psychology of Learning	0408326	Education, Humanities and Social Sciences
100	Criminal Psychology	0408329	Education, Humanities and Social Sciences
101	Psychophysiology	0408335	Education, Humanities and Social Sciences
102	Psychology of Family Problems	0408417	Education, Humanities and Social Sciences
103	Psychology of Creativity	0408427	Education, Humanities and Social Sciences
104	Children's Psychological Problems	0408433	Education, Humanities and Social Sciences
105	Behavioral and Psychological Consultation	0408438	Education, Humanities and Social Sciences
106	Special Topics in Applied Psychology	0408470	Education, Humanities and Social Sciences
107	Introduction to Psychology	0408100A	Education, Humanities and Social Sciences
108	Physical Education & Health	0408101A	Education, Humanities and Social Sciences
109	Sociology of Work	0409335	Education, Humanities and Social Sciences
110	Sociology of Tourism	0409336	Education, Humanities and Social Sciences
111	Sociology of Law	0409337	Education, Humanities and Social Sciences
112	Social Skills	0409351	Education, Humanities and Social Sciences
113	Sociology and Demography	0409362	Education, Humanities and Social Sciences
114	Drugs and society	0409363	Education, Humanities and Social Sciences
115	Societal Violence	0409369	Education, Humanities and Social Sciences

116	Social Change	0409465	Education, Humanities and Social Sciences
117	Social Policy	0409466	Education, Humanities and Social Sciences
118	Graduation Project in Applied Sociology	0409470	Education, Humanities and Social Sciences
119	Seminar on Research Projects Evaluation	0409495	Education, Humanities and Social Sciences
120	Intensive Remedial English	0401009	Education, Humanities and Social Sciences
121	French Language 1	0401101	Education, Humanities and Social Sciences
122	English I	0401120	Education, Humanities and Social Sciences
123	English 2	0401121	Education, Humanities and Social Sciences
124	Introduction to Literature	0401200	Education, Humanities and Social Sciences
125	Reading Comprehension	0401220	Education, Humanities and Social Sciences
126	Listening and Speaking Skills 1	0401221	Education, Humanities and Social Sciences
127	Writing Skills 1	0401223	Education, Humanities and Social Sciences
128	Writing Skills 2	0401224	Education, Humanities and Social Sciences
129	Basic Grammar	0401230	Education, Humanities and Social Sciences
130	Survey of English /American Literature	0401300	Education, Humanities and Social Sciences
131	English for Specific Purposes	0401316	Education, Humanities and Social Sciences
132	Advanced Writing	0401320	Education, Humanities and Social Sciences
133	Educational Technology	0402203A	Education, Humanities and Social Sciences
134	Arabic Language	0405100	Education, Humanities and Social Sciences
135	Syntax and Morphology (1)	0405201	Education, Humanities and Social Sciences
136	Rhetoric	0405210	Education, Humanities and Social Sciences
137	Classical Arabic Literature	0405211	Education, Humanities and Social Sciences
138	Prosody	0405212	Education, Humanities and Social Sciences
139	Modern Arabic Literature	0405310	Education, Humanities and Social Sciences
140	Literary Criticism	0405312	Education, Humanities and Social Sciences
141	Syntax and Morphology (2)	0405401	Education, Humanities and Social Sciences
142	Linguistics	0405402	Education, Humanities and Social Sciences
143	Qur'anic Rhetoric	0405403	Education, Humanities and Social Sciences
144	Language Practice	0405404	Education, Humanities and Social Sciences

144	Language Culture	0402404	Education, Humanities and Social Sciences
145	Arabs & Muslims' Contributions to Arts & Science	0406100	Education, Humanities and Social Sciences
146	Islamic Culture	0406110	Education, Humanities and Social Sciences
147	Recitation and Cantillation	0406201	Education, Humanities and Social Sciences
148	Current Trends and Issues in Special Education	0403147	Education, Humanities and Social Sciences
149	Gift and Talent	0403148	Education, Humanities and Social Sciences
150	Learning Difficulties	0403226	Education, Humanities and Social Sciences
151	Applied Behavior Analysis	0403231	Education, Humanities and Social Sciences
152	Child Normal and abnormal Development	0403232	Education, Humanities and Social Sciences
153	Behavioral and Emotional Disorder	0403233	Education, Humanities and Social Sciences
154	Attention Deficit Hyperactivity Disorder	0403234	Education, Humanities and Social Sciences
155	Integration & Inclusion for Children with Sp. Needs	0403235	Education, Humanities and Social Sciences
156	Communication Disorders	0403237	Education, Humanities and Social Sciences
157	Diag. & Assess. of Children with Sp. Needs	0403321	Education, Humanities and Social Sciences
158	Assistive and Adaptive Technology for Children with Special Needs	0403423	Education, Humanities and Social Sciences
159	Teaching Read. & Writ. to Child. with sp. Needs	0403431	Education, Humanities and Social Sciences
160	Teaching Math to Children with Sp. Needs	0403432	Education, Humanities and Social Sciences
161	Practicum in Special Education	0403490	Education, Humanities and Social Sciences
162	Educational Curriculum Theories	0402601	Education, Humanities and Social Sciences
163	Learning and Teaching Environment	0402603	Education, Humanities and Social Sciences
164	Arabic Language Skills	0405601	Education, Humanities and Social Sciences
165	Methods of Teaching Arabic Language Skills	0405602	Education, Humanities and Social Sciences
166	Arabic Language Education and Thinking Development	0405603	Education, Humanities and Social Sciences
167	Assessment in Arabic Language Education Curriculum	0405605	Education, Humanities and Social Sciences
168	Educational Technology and its Applications in Arabic Language Education	0405608	Education, Humanities and Social Sciences
169	Educational Research and Statistical Methods	0408601	Education, Humanities and Social Sciences
170	Methods of Teaching the Quran and Hadith	0406601	Education, Humanities and Social Sciences
171	Methods of Teaching Doctrine Dogma and Prophets Biography	0406602	Education, Humanities and Social Sciences
172	Assessment in the Islamic Education Curriculum	0406605	Education, Humanities and Social Sciences
173	School Curriculum and UAE Curriculum	0401525	Education, Humanities and Social Sciences

The ratio of sustainability courses to total courses/subjects (ED.1)

In (2019-2020), AAU offered 291 courses, where 62 courses include subjects and topics related to sustainability. Therefore, the ratio of sustainability courses to total courses/subjects is calculated as follows:

$$\frac{\text{\# of courses related to sustainability}}{\text{\# of total courses}} = \frac{62}{291} = 21.31\%$$

General University Education (GUE)

<https://aau.ac.ae/en/admission/undergraduate/general-university-education>

General University Education (GUE) courses are a set of 33 credit hours courses that must be studied by all undergraduate candidates at AAU regardless of their major. These courses cover topics from wide diverse fields to emphasize the interdisciplinary nature of knowledge and to reinforce the spirit of inquiry. These courses aim to equip the candidates with a comprehensive range of essential knowledge,

fundamental personal and professional skills and essential attitudes; enabling them to pursue smoothly in their university studies, and perform highly in their careers. This set of courses are divided into two main categories: First, the compulsory courses which include 9 courses (27 CR.H.). Second, the elective courses cluster which include (6 CR.H.) and is divided into two sub sets: society and civilization set and managerial skills set. AAU candidates are requested to choose one course (3 CR.H.) from each elective sub set.

Learning Outcomes

Course No.	Course Title	CR.H.	Prereq.
General University Education (33) CR.H.			
(1) Compulsory Courses (27) CR.H.			
0102120	Computer Skills	3	
0201111	Science and Life	3	
0401120	English I	3	
0401121	English 2	3	0401120
0405100	Arabic Language	3	
0406110	Islamic Culture	3	
0408100	Introduction to Psychology	3	
0501170	Fund. of Innovation and Entrepreneurship	3	
0508203	Scientific Research Methodology	3	

(2) Elective Courses (6) CR.H.			
The Student is required to choose <u>Only One</u> course from each of the following groups:			
(a) Society and Civilization (3) CR.H.			
0409100	Ethical Awareness	3	
0409101	Arab Society	3	
0406100	Arabs & Muslims' Contributions to Arts & Sciences	3	
0409102	Environmental Awareness	3	
0408101A	Physical Education & Health	3	
(b) Managerial Skills (3) CR.H.			
0303100	Law and Society	3	
0408103	Thinking Skills	3	
0408104	Self Assessment	3	
0501100	Introduction to Time Management	3	
0501150	Leadership and Teamwork	3	

General University Education Brief Course Description

Course Title & No.	Brief Course Description
Computer Skills 0102120	This course introduces the students to the use of computers in everyday life. The students will learn to organize electronic filing systems, communicate ideas effectively using a variety of software tools, and develop further as autonomous users of IT. The course discusses some of the ethical and moral issues raised by the use of Internet and email. Towards the end of the course, the students work in groups to select a subject, search for the information, organize and analyze it integrating the software they learned and present it publicly.
Science and Life 0201111	This course addresses the relationships between science and human beings. It describes major health and environmental issues and their relevance to social customs and traditions in the Arab society in general and in the Emirate society in particular. The course not only increases student awareness of protection methods through the introduction of the most recent scientific and technical developments but also focuses on the ethical aspects in dealing with them.
Law and Society 0303100	This course deals with the study of law and its relationship with the Emirati society in terms of describing the concept of law, its characteristics and types. It also tackles briefly some of the legal systems in the UAE such as: the judicial, governing, the commercial, the criminal, taxation as well as the Emirati family system.
Environmental Awareness 0407392	The course consists of four major focus areas: biodiversity, population, re- courses, and pollution. Within each major focus area, the course explores how change is occurring at the local, regional, and global scales. It focuses on ana- lyzing different approaches to decision- making about environmental issues and examines the impact of the rapid rate of population growth, increased energy consumption, and contemporary technology in causing environmental problems.
Introduction to Psychology 0408100	This course provides an overview of the scientific study of human behavior. Topics include history, methodology, biopsychology, sensation, perception, learning, motivation, cognition, abnormal behavior, personality theory, social psychology, and other relevant topics. Upon completion, students should be able to demonstrate a basic knowledge of the science of psychology.
Physical Education and Health 0408101	This course aims at clarifying the role and importance of physical fitness and health as a prevention and treatment to most health problems of modern life; such as diseases related to age and lack of movement, malnutrition, and stress facing individuals in their daily life. Students also learn the importance of sports activities and movement in modern life in terms of their impact on different body systems and organs. In addition, the course presents means of avoiding bad daily habits as well as dealing with deformities and lack of movement related diseases such as: heart disease, atherosclerosis, obesity, and spine problems. The course also covers relevant information on fitness, weight control as well as essential first aid knowledge.

Leadership &Teamwork 0501150	This course is designed to help students to learn how to initiate, develop, im- plement and maintain high performance work teams. It introduces leadership strategies necessary for group communication, team building, and coaching skills to achieve organizational objectives.
Fund. Of Innovation and Entrepreneurship 0501170	This course approach to learning innovation and entrepreneurship that can be applied to any high-growth enterprise or other organization in the UAE. The class is composed of three modules: Module 1: Design Thinking, Module 2: Entrepreneurship, Module 3: Growth and Leadership. This is a rigorous innovation and entrepreneurship courses for a 16 weeks. The course is appropriate for undergraduate students at a third year level or advanced second year level. Each session could include a mix of the following components: lecture, discussion, an interactive activity in class, and open Q&A if an appropriate expert or guest speaker is available.
Scientific Research Methodology 0508203	This course is designed to introduce the students to the concepts and values of scientific research. Students will employ research and formal documenta- tion to produce a paper written appropriately to meet the objectives of the course. The course also emphasizes editing for clarity. The instruction will include critical analysis of primary and secondary sources through a series of reading and writing assignments.

Academic Programs

<https://aau.ac.ae/en/programs/search>

Table 1. Programs and their classification according to their contribution to the SDGs

SDG	University Programs
SDG1: No Poverty	▪ Bachelor of Law ▪ Master of Public Law ▪ Master of Private Law ▪ Master of Criminal Science
SDG2: Zero Hunger	▪ Bachelor of Law ▪ Master of Public Law ▪ Master of Private Law ▪ Master of Criminal Science
SDG3: Good Health and Wellbeing	▪ Bachelor of Science in Pharmacy ▪ Bachelor of Science in Nutrition and Dietetics
SDG5: Gender Equality	▪ Bachelor of Law ▪ Master of Public Law ▪ Master of Private Law ▪ Master of Criminal Science ▪ Master of Public Law ▪ Master of Private Law ▪ Master of Criminal Science ▪ Master of Science in Pharmaceutical Sciences
SDG6: Clean Water and Sanitation	▪ Bachelor of Science in Computer Engineering ▪ Bachelor of Science in Networks and Communication Engineering ▪ Bachelor of Science in Computer Science

SDG7: Affordable and Clean Energy	▪ Bachelor of Science in Computer Engineering ▪ Bachelor of Science in Networks and Communication Engineering ▪ Bachelor of Science in Computer Science ▪ Bachelor of Science in Software Engineering ▪ Bachelor of Science in Civil Engineering ▪ Bachelor of Science in Cybersecurity
SDG8: Decent Work and Economic Growth	▪ Bachelor of Law ▪ BBA in Management ▪ BBA in Accounting ▪ BBA in Finance and Banking ▪ BBA in Marketing ▪ BBA in Human Resource Management ▪ BBA in Management Information Systems ▪ Bachelor of Mass Communication and Media (Digital Journalism, Advertising, Public Relations) ▪ BBA in Management ▪ BBA in Accounting ▪ BBA in Finance and Banking ▪ BBA in Marketing ▪ BBA in Human Resource Management ▪ BBA in Management Information Systems ▪ Master of Arts in Teaching English to Speakers of Other Languages ▪ Postgraduate Professional Diploma in Teaching ▪ Master of Business Administration ▪ Master of Public Law ▪ Master of Private Law ▪ Master of Criminal Science ▪ Master of Science in Pharmaceutical Sciences
SDG9: Industry, Innovation and Infrastructure	▪ Bachelor of Education in Special Education ▪ Bachelor of Arts in Applied Psychology ▪ Bachelor of Arts in Applied Sociology ▪ Bachelor in Arabic Language and Literature ▪ Bachelor in Islamic Studies ▪ Bachelor of Arts in English Language and Translation ▪ Bachelor of Mass Communication and Media (Digital Journalism, Advertising, Public Relations) ▪ Bachelor of Science in Computer Engineering ▪ Bachelor of Science in Networks and Communication Engineering ▪ Bachelor of Science in Computer Science ▪ Bachelor of Science in Software Engineering ▪ Bachelor of Science in Civil Engineering ▪ Bachelor of Science in Cybersecurity ▪ Bachelor of Science in Pharmacy ▪ Bachelor of Science in Nutrition and Dietetics ▪ Bachelor of Law

	▪ BBA in Management ▪ BBA in Accounting ▪ BBA in Finance and Banking ▪ BBA in Marketing ▪ BBA in Human Resource Management ▪ BBA in Management Information Systems ▪ Master of Science in Pharmaceutical Sciences ▪ Master of Public Law ▪ Master of Private Law ▪ Master of Criminal Science ▪ Master of Arts in Teaching English to Speakers of Other Languages ▪ Postgraduate Professional Diploma in Teaching ▪ Master of Business Administration
SDG10: Reduced Inequalities	▪ Bachelor of Law ▪ Master of Public Law ▪ Master of Private Law ▪ Master of Criminal Science ▪ Bachelor of Mass Communication and Media (Digital Journalism, Advertising, Public Relations) ▪ Master of Business Administration
SDG11: Sustainable Cities and Communities	▪ Bachelor of Science in Computer Engineering ▪ Bachelor of Science in Networks and Communication Engineering ▪ Bachelor of Science in Computer Science ▪ Bachelor of Science in Software Engineering ▪ Bachelor of Science in Civil Engineering ▪ Bachelor of Science in Cybersecurity
SDG12: Responsible Consumption and Production	▪ Bachelor of Science in Computer Engineering ▪ Bachelor of Science in Networks and Communication Engineering ▪ Bachelor of Science in Computer Science ▪ Bachelor of Science in Software Engineering ▪ Bachelor of Science in Civil Engineering ▪ Bachelor of Science in Cybersecurity ▪ Bachelor of Education in Special Education ▪ Bachelor of Arts in Applied Psychology ▪ Bachelor of Arts in Applied Sociology ▪ Bachelor in Arabic Language and Literature ▪ Bachelor in Islamic Studies ▪ Bachelor of Arts in English Language and Translation ▪ Bachelor of Mass Communication and Media (Digital Journalism, Advertising, Public Relations) ▪ Master of Arts in Teaching English to Speakers of Other Languages ▪ Postgraduate Professional Diploma in Teaching

SDG13: Climate Action	▪ Bachelor of Mass Communication and Media (Digital Journalism, Advertising, Public Relations) ▪ Bachelor of Science in Computer Engineering ▪ Bachelor of Science in Networks and Communication Engineering ▪ Bachelor of Science in Computer Science ▪ Bachelor of Science in Software Engineering ▪ Bachelor of Science in Civil Engineering ▪ Master of Science in Pharmaceutical Sciences
SDG14: Life Below Water	▪ Bachelor of Science in Civil Engineering ▪ Bachelor of Science in Computer Engineering ▪ Bachelor of Science in Networks and Communication Engineering ▪ Master of Science in Pharmaceutical Sciences
SDG15: Life on Land	▪ Bachelor of Science in Civil Engineering ▪ Bachelor of Science in Computer Engineering ▪ Bachelor of Science in Networks and Communication Engineering ▪ Master of Business Administration
SDG16: Peace, Justice and Strong Institutions	▪ Bachelor of Law ▪ Master of Public Law ▪ Master of Private Law ▪ Master of Criminal Science

Al Ain University (AAU) and SDG 15: Promoting Environmental Responsibility

Al Ain University (AAU) supports SDG 15 through educational initiatives and campus-based sustainability programs that emphasize land and biodiversity conservation. The university incorporates topics related to desert ecology, land conservation, and biodiversity protection into its environmental science courses, raising awareness among students about the UAE's unique ecosystem challenges and the importance of conservation.

AAU also collaborates with local environmental organizations to engage students in tree-planting campaigns and habitat restoration projects. These hands-on activities provide students with practical conservation experience and underscore the importance of preserving natural ecosystems. Through research initiatives and community outreach programs, AAU contributes to the UAE's broader environmental goals, fostering a sense of environmental stewardship aligned with SDG 15.

Together, the UAE government and Al Ain University exemplify a holistic approach to protecting land and biodiversity. While the government enacts policies and manages national conservation projects, AAU educates and empowers the next generation to support and sustain these efforts.

A Workshop on Sustainable Green Concrete



Al Ain University recently collaborated with Zublin Construction LLC to organize an impactful workshop titled “Practical Applications of Sustainable Green Concrete” at the company’s headquarters. The workshop was led by Dr. Omar Najm, a faculty member in the civil engineering program and an expert in sustainable construction practices. Zublin Construction showed great interest in hosting the workshop to enhance its performance across various projects. Dr. Najm provided valuable insights into the latest advancements in sustainable concrete technology, focusing on practical applications such as the use of recycled materials and alternative binders. He also discussed the industry's challenges and limitations in implementing these innovative solutions. The workshop included productive discussions and real-world case studies, allowing Zublin’s construction team to engage directly with Dr. Najm and explore how these sustainable practices can be effectively integrated into their ongoing and future projects. This collaboration highlights Al Ain University’s commitment to supporting industry growth through knowledge sharing. By bringing expert insights to Zublin Construction, the workshop aims to promote sustainable practices that can lead to improved project outcomes. Looking ahead, both Al Ain University and Zublin Construction are eager to further their collaboration, which could pave the way for joint

research initiatives and professional development opportunities, reinforcing a shared commitment to advancing sustainability in the construction sector. Participants left the workshop inspired and equipped to make a positive impact on their projects and the environment.

Interdisciplinary SDG-Focused Programs and Electives

Rather than a single standalone degree in sustainability, AAU integrates sustainable development into various programs and electives to ensure a broad, interdisciplinary SDG education. All undergraduate students complete a **General University Education (GUE)** core (33 credit hours) that provides essential knowledge and skills aaui.ac.ae. Within the GUE curriculum, students choose electives from categories like “Society and Civilization” and “Managerial Skills,” which include courses touching on global issues and sustainability. Many of these core courses embed sustainability themes green.aui.ac.ae, ensuring every AAU graduate is exposed to concepts of sustainable development regardless of their major. AAU also continually updates its program offerings to address emerging sustainability fields. Notably, in 2018 it introduced a new **B.Sc. in Civil Engineering** program with modernized content related to sustainable engineering and infrastructure education.aui.ac.ae. Across the university’s **diverse range of programs and specializations**, AAU aligns its educational outcomes with the SDGs researchgate.net. This is evident in interdisciplinary coursework – for example, business students learn about corporate social responsibility and ethical management (contributing to *SDG 8 & SDG 12*), and law students can explore environmental law and policy (supporting *SDG 16*), complementing the technical sustainability content in science and engineering courses. Through such interdisciplinary electives and program curricula, AAU ensures that SDG education is woven throughout different fields, preparing students to apply sustainability principles in their respective careers green.aui.ac.ae green.aui.ac.ae.

General University Education

General University Education (GUE) courses are a set of 33 credit hours courses that must be studied by all undergraduate candidates at AAU regardless of their major. These courses cover topics from wide diverse fields to emphasize the interdisciplinary nature of knowledge and to reinforce the spirit of inquiry. These courses aim to equip the candidates with a comprehensive range of essential knowledge, fundamental personal and professional skills and essential attitudes; enabling them to pursue smoothly in their university studies, and perform highly in their careers. This set of courses are divided into two main categories: First, the compulsory courses which include 9 courses (27 CR.H.). Second, the elective courses cluster which include (6 CR.H). and is divided into two sub sets: society and civilization set and managerial skills set. AAU candidates are requested to choose one course (3 CR.H.) from each elective sub set.

Learning Outcomes

S.No.	GUE Learning Outcomes	Aligned with L7 QFE Descriptors*
A	Demonstrate a general knowledge of humanities, social studies, sciences, and technology.	QFE 1, 3
B	Communicate effectively in a variety of formats, including verbal and written communication.	QFE 3,8
C	Recognize the ethical aspects and social responsibilities in personal and professional life.	QFE 9,11
D	Present new ideas, methods, and ways of thinking to deliver creative and sustainable solutions.	QFE 2, 3, 4, 8
E	Demonstrate the ability to work effectively and collaboratively in	QFE 6, 9

Number of Courses/Subjects Related to Sustainability Offered Example

#	Course Code	Course Title	College
1	0111310	Construction Materials	Engineering
2	0111440	Environmental Engineering	Engineering
3	0111442	Water Resources Engineering	Engineering
4	0111540	Waste Water Engineering	Engineering
5	0111541	Air Pollution Engineering	Engineering
6	0111550	Construction Management	Engineering
7	0201111	Science and life	Pharmacy
8	0202432	Toxicology and First Care	Pharmacy
9	0202564	Industrial Pharmacy Training	Pharmacy
10	0302420	Protection of the Environment Law	Law
11	0302607	Advanced studies in protection of the Environment Law	Law
12	0501211	International Business Management	Business
13	0501320	Small Business Management	Business
14	0501361	Change Management	Business
15	0501362	Healthcare Management	Business
16	0501433	Corporate Social Responsibility	Business
17	0501440	Strategic management	Business
18	0501480	Quality Management	Business
19	0501481	Production and Operations Management	Business
20	0501491	Contemporary Management Practice	Business
21	0502230	Principles of Managerial Accounting	Business
22	0504333	Marketing Information Systems	Business
23	0505300	Human Resource Development	Business
24	0507410	Business Law and Ethics	Business

Above is a sample of the courses, offered by Al Ain University as part of the core curriculum, which include the Sustainability into the syllabus provided to the students.

Total number of courses with sustainability embedded for courses running in 2019/20: 62

Sustainability Workshops and Seminars

Beyond formal courses, AAU offers **short courses, workshops, and seminars** to deepen sustainability literacy among students, staff, and the wider community. The university's *Center for Environmental Sustainability and Sustainable Development (CESSD)* provides specialized training opportunities – its team delivers **specialized courses and seminars on environmental sustainability**, allowing participants to broaden their understanding of sustainable practices and SDG issues aau.ac.ae. University records show that AAU has hosted an average of around **32 sustainability-related events** per year in recent years green.aau.ac.ae. These include public lectures, panel discussions, and practical workshops. For instance, the **Deanship of Student Affairs** has organized interactive workshops such as “*Sustainability as a Way of Life*” and a training workshop titled “*Together for a Green Earth*,” aimed at promoting environmental responsibility on campus aau.ac.ae. The latter was conducted in cooperation with the Abu Dhabi City Municipality, exemplifying how AAU leverages community partnerships in its SDG outreach aau.ac.ae. In addition, the Alumni Office has collaborated with external organizations (e.g. INJAZ UAE) to host virtual workshops on sustainability for students and graduates aau.ac.ae. These seminars cover topics like sustainable entrepreneurship, green

innovation, and the future of “green jobs,” connecting SDG education to real-world applications. Through a busy calendar of sustainability events and trainings, AAU cultivates a culture of ongoing learning and engagement with the SDGs beyond the classroom.

Workshop on Sustainability

The Alumni office is cooperating with INJAZ UAE invites you to attend a virtual workshop about

Sustainability

Presenter: Mrs. Paloma Nassar

Wednesday 16/02/2022

From 2:30 to 4:00 PM

Through: MS Teams

Registration link:

<https://bit.ly/3HRHvYu>

Afforestation Campaign Entitled “For UAE, we plant”



The Deanship of Student Affairs at Al Ain University (Abu Dhabi Campus) participated in the afforestation campaign "Planting for Our Emirates," organized by the UAE Environmental Work Group. The campaign coincides with the Year of Sustainability and aims to increase sustainable green areas nationwide, supporting the United Arab Emirates in its 2050 National Climate Neutrality and 2031 Biodiversity strategies.

It is worth mentioning that such events foster a spirit of volunteering and participation among students, contributing to climate action and the development of sustainable local cities and communities.

AAU students are climate ambassadors as part of Cop28



A Group of students from Al Ain University participated in the training session for the Climate Ambassadors program (under the umbrella of the COP28 conference), which took place in Dubai Expo City. This provided them with a valuable opportunity to closely follow the discussions and negotiations among the participating countries in the Conference of the Parties (COP). It also allowed them to collaborate with ambassadors from various universities in the UAE and contribute as leaders in the field of climate change.

Prior to attending the program, students underwent training workshops at the university to prepare them for the discussions. These workshops resulted in fruitful outcomes, including the development of actionable plans on a variety of environmental and climate-related topics. The students engaged in negotiations on key points, conducted diverse dialogues, and formulated a final decision at the end of the session.

It is worth mentioning that the training session for the Climate Ambassadors program significantly enhanced the students' awareness of the imminent impacts of climate change. It also helped them develop leadership, research, public speaking, and problem-solving skills.

Sustainable tree planting event on the occasion of Arab Environment Day



In conjunction with the Year of Sustainability and in alignment with the goals of the COP28 in the United Arab Emirates, the College of Education, Humanities, and Social Sciences, along with the Deanship of Student Affairs (Al Ain campus), organized a sustainable tree planting event. During this event, the AAU President, Prof. Ghaleb Al-Refae, the Vice President for Development and Follow-Up, Prof. Ibtehal Abu

Rezeq, along with several professors and students, planted Ghaf trees in the outdoor areas of the university. Prof. Al-Refae emphasized the importance of promoting planting and enhancing environmental values for a sustainable and environmentally friendly future.

A training workshop entitled “Together for a Green Earth”



The Deanship of Student Affairs at Al Ain University (Abu Dhabi campus) organized a training workshop entitled “Together for a Green Earth” in cooperation with the Abu Dhabi City Municipality, with the participation of students from the Emirates Private School, and in the presence of a number of deputy deans, members of the academic staff, and university students.

Engineer Saeed Al-Wahaibi covered some important topics, such as the use of operating systems in operating agricultural assets, including the “SCADA” operating system, which is a computer system for monitoring and controlling operations and collecting data remotely. He mentioned the benefits of the SCADA system, including reducing manpower, costs, time, and saving water consumption.

The engineer also spoke about Abu Dhabi Municipality receiving the Green Flag Award, which is considered the global accreditation granted to public parks and open spaces, in order to enhance specialized management and apply best practices in the field of green spaces and recreational spaces.

In turn, Engineer Abdul Majeed Nasser Al Harithi spoke about the Blue Flag Award, the most famous in the world, which is granted by the Environmental Education Foundation, which consist of 33 standards and are divided into 4 categories, which are water quality, environmental management, environmental education and public safety.

A detailed explanation and application of the steps of agriculture were provided to university and school students, and a set of interactive questions was asked during the practical application.

Dr. Noha Hamada (Deputy Dean of Student Affairs) praised the efforts made by the municipality to enrich the attendees’ information in a practical way and stressed the university’s keenness to organize events that serve the community and enhance environmental awareness to achieve sustainable development goals.

Center for Environmental Sustainability and Sustainable Development (CESSD)

The Center for Environmental Sustainability and Sustainable Development (CESSD) at Al Ain University is dedicated to advancing research in environmental sustainability. Its mission is to provide innovative solutions for climate change, resource depletion, and environmental degradation. CESSD focuses on research areas like climate change mitigation, renewable energy, water management, biodiversity, waste, and urban development. Actively involved in postgraduate programs, CESSD offers specialized courses, research opportunities, and access to cutting-edge facilities. The center aims to produce skilled professionals capable of driving positive change and contributing to sustainable development in diverse sectors.

Mission:

The Center for Environmental Sustainability and Sustainable Development (CESSD) at Al Ain University is dedicated to advancing research and knowledge in the field of environmental sustainability. Our mission is to promote innovative and sustainable solutions that address the challenges posed by climate change, resource depletion, and environmental degradation. Through cutting-edge research, we strive to contribute to a greener and more sustainable future for our local community and beyond.

Research Areas:

CESSD focuses on a wide range of research areas related to environmental sustainability, including but not limited to:

- Climate Change Mitigation and Adaptation Strategies
- Renewable Energy and Energy Efficiency
- Sustainable Water Management and Conservation
- Biodiversity Conservation and Ecosystem Restoration
- Waste Management and Circular Economy
- Sustainable Urban Development

Contributions to Postgraduate Programs:

The Center for Environmental Sustainability and Sustainable Development actively contributes to postgraduate programs through its dedicated faculty members and researchers. Our experienced team provides specialized courses and seminars on environmental sustainability, allowing students to deepen their understanding of the subject and acquire practical skills to address real-world environmental challenges.

In addition to academic courses, CESSD offers postgraduate students unique research opportunities and access to state-of-the-art facilities. Through thesis supervision, collaborative projects, and internships, students are encouraged to explore cutting-edge research topics and contribute to the advancement of knowledge in environmental sustainability. By integrating research into the postgraduate curriculum, CESSD aims to produce highly skilled professionals who can drive positive change and contribute to

sustainable development in various sectors, including government, private industries, and non-governmental organizations.

Student Clubs and Co-Curricular Activities

AAU students actively participate in co-curricular initiatives that promote SDG awareness and action. The university has a dedicated student organization – the **AAU Environmental Club** (also known as the Sustainable Club) – which serves as a dynamic hub for sustainability activities. This club is “*a group of students committed to protecting the environment*” and focuses on sensitizing both the campus community and the public “*about the importance and impact of our actions in nature.*” green.aau.ac.ae Through the Environmental Club, students lead awareness campaigns, tree-planting drives, recycling competitions, and other green activities that align with various SDGs (from climate action to responsible consumption). AAU also encourages students to take part in sustainability-focused **community service projects**. Recent projects have included the *collection and reuse of rainwater* for irrigating crops, initiatives to harvest rainwater for home use, and the *collection and recycling of used tires* green.aau.ac.ae – all practical efforts that address goals like **SDG 6 (Clean Water)** and **SDG 12 (Responsible Consumption & Production)**. Such hands-on projects give students an opportunity to apply sustainability concepts in real-life contexts and benefit the wider community. Moreover, AAU students and faculty have showcased their commitment at external events: for example, AAU participants have presented research at a national **Sustainable Development Forum**, highlighting the university’s contributions to the SDG agenda in the UAE aaui.ac.ae. Through vibrant clubs, volunteer projects, and partnerships, AAU’s co-curricular programming cultivates leadership and initiative in sustainable development. This multi-faceted approach – combining academic courses, interdisciplinary programs, practical trainings, and student-led activities – illustrates that **Al Ain University actively integrates education for the Sustainable Development Goals into both its curriculum and campus life** in the past several years.

Number of student organizations related to sustainability

Number of student organizations related to sustainability, in AAU at the moment this value is one.

AAU environmental club

It is a group of students committed to protecting the environment that seeks to sensitize with direct messages both university actors and the external community, about the importance and impact of our actions in nature.



Number of sustainability community services project organized indoor involving students

1. Collection and reuse of rainwater for irrigation of crops.



2. Collection and reuse of rainwater at home



3. Collection of tires and reuse

