

1.3.1 List and description of the courses which address the Gender, Environment and Sustainability, Human Values and Professional Ethics into the Curriculum

S.No	Course Code	Name of Course	Program Name	Semester	Description of Course
1	AUZoo 103	Biodiversity and Wildlife	M.Sc. Zoology	1	It deals with the loss of biodiversity as a result of human activities has become a central preoccupation among natural scientists, and many social scientists as well. Although we do not know the exact scale of the problem, in particular the extent to which human beings have been responsible for the loss of biodiversity as compared to the natural evolution, the process of species extinction, green house effects and critical changes in the earth's biochemical cycle are now increasingly emphasized. The concept of human welfare is equally tangled. In general terms, it relates to the provision of improved conditions of living. Human welfare is linked with the preservation of biodiversity in varieties of ways. Biodiversity forms the basis of a global-life support system. Human beings have fulfilled many of their needs by taking advantage of the existence of many genes, species, as well as a "balanced" ecosystem.
2	AUZoo 104	Environmental Biology and Toxicology	M.Sc. Zoology	1	This course describes about applied aspect of Zoology
3	AU.DM.501	E Course on Disaster Management	MSc. Agriculture Plant Pathology	1	Knowledge about existing global frameworks and existing agreements
4	AU. Agron. 504	Principles and Practices of Water Management	MSc. Agriculture Agrinomy	1	This course deals with quality of water and air. Different parameters which are used to determine water and air quality are described in detail.
5	AU Soils 515	LAND DEGRADATION AND RESTORATION	MSc. Agriculture Agrinomy	1	Corrective methods (land rehabilitation and ecosystem restoration practices) that aim to halt and reverse degradation through, for example, conservation of soil and water, protection of vegetation, ecological engineering, and re-establishment of functional ecosystems

6	AU.ENT 505	INSECT ECOLOGY	MSc. Agriculture Entomology	1	Find, read, interpret, and summarize primary literature in insect ecology
7	AU.Agron. 123	Water Management including Micro-irrigation	BSc Ariculture (Hons)	2	This course deals with quality of water and air. Different parameters which are used to determine water and air quality are described in detail.
8	AU.Ag. Engg. 232	Renewable Energy	BSc Ariculture (Hons)	3	resources, with a scientific examination of the energy field and an emphasis on alternate energy sources and their technology and application. The class will explore society's present needs and future energy demands, examine conventional energy sources and systems, including fossil fuels and nuclear energy, and then focus on alternate, renewable energy sources such as solar, biomass (conversions), wind power, geothermal, and hydro. Energy conservation methods will be
9	AU.Ento. 242	Insect Ecology and Integrated Pest Management including Beneficial Insects	BSc Ariculture (Hons)	4	Students sought to improve the efficacy of pest management efforts against a diverse range of pest insects using a variety of stimuli and conditioning paradigms.
10	AU.Env.361	Environmental Science	BSc Ariculture (Hons)	6	They will understand and interpret the interrelationships between landforms, weather, water and ecosystems
11	AU.Ag.Econ.479	Natural Resources and Economic Management	BSc Ariculture (Hons)	8	Students will understand how the environment influences plant growth and crop yields, and ways to modify the environment to improve plant growth and yields
12	AUBAED201	Environmental Studies	BA BED	2	Understand strengths & limitations of environmental management
13	AUBAED207	General Geography	BA BED	2	Students will learn to conduct legitimate and original research on geographical topics

14	AUBAED409	Environmental Geography	BA BED	4	Students will be able to design legitimate geographic methodology
15	AUBAED602	Gender, School and Society	BA BED	6	Explain the meaning of gender socialisation and gender roles; • Identify the agents of gender socialisation; • Specify the nature of gender roles; and
16	AUBAED802	Human Values And Human Values Ethics (Understanding the self)	BA BED	8	Identify and analyze an ethical issue in the subject matter under investigation or in a relevant field
18	AUBSCED201	Environmental Studies	BSC BED	2	Environmental science deals with detailed studies of environmental science, pollution and issues. This subject includes the solid and hazardous waste management and current environmental issues in India. This course further introduces the environmental policies and practices on environmental issues.
19	AUBSCED602	Gender, School and Society	BSC BED	6	Explain the meaning of gender socialisation and gender roles; • Identify the agents of gender socialisation; • Specify the nature of gender roles; and
20	AUBSCED802	Human Values And Human Values Ethics (Understanding the self)	BSC BED	8	Assess their own ethical values and the social context of problems
21	AUMCHI-11	Chemistry of Life & Environmental Chemistry	Msc Chemistry	2	Demonstrate the ability to identify the role of Environmental Science in formulating sustainable solutions to the environmental problems
22	AUBP206T	Environmental sciences	B.Pharmacy (Allopathy)	2	Graduate has gained thorough understanding of Environmental Science as collated in the curriculum and developed the capability of self-learning to continue the search for knowledge

23	AUMBA-103	Human Values and Professional Ethics	MBA	1	Identify the multiple ethical interests at stake in a real-world situation or practice
24	(AUMBAHR-04)	Human Resource Planning and Development	MBA	3	Explain the importance of human resources and their effective management in organizations
25	AUMBAIB-02	International Business Environment and Foreign Exchange Economics	MBA	2	Explain liberalization of world trade, and international trade.
26	AUMBAIB-06	International business ethics and social responsibility	MBA	3	Evaluate globalization, and developments in international trade.
27	AUMBA-302	Business Law	MBA	3	The objective of this paper is to make the students more clear about the importance of ethics in business and practices of good corporate governance. It also talks about the corporate social responsibility.
28	AUAUBT-107	Environment and ecology	B.Tech CE	1	This course describes about ecology and its importance in biology
29	AUAUBT-114	Disaster Management	B.Tech CE	2	Understand disaster management acts and guidelines along with role of various stakeholders during disasters
30	AUBTCE-212	Human Values and Professional Ethics	B.Tech CE	4	To facilitate the development of a Holistic perspective among students towards life, profession and happiness, based on a correct understanding of the Human reality and the rest of existence. Such a holistic perspective forms the basis of Value based living in a natural way

31	AUBTCE-305	Environmental Engg. - I	B.Tech CE	5	Environmental science deals with detailed studies of environmental science, pollution and issues. This subject includes the solid and hazardous waste management and current environmental issues in India. This course further introduces the environmental policies and practices on environmental issues.
32	AUBTCEOE	Environmental Impact Assessment	B.Tech CE	5	Understand strengths & limitations of environmental management
33	AUBTCE-313	Environmental Engg. - II	B.Tech CE	6	Environmental science deals with detailed studies of environmental science, pollution and issues. This subject includes the solid and hazardous waste management and current environmental issues in India. This course further introduces the environmental policies and practices on environmental issues.
34	AUBTCEOE	Municipal Solid Waste Management	B.Tech CE	8	Explain municipal solid waste management systems with respect to its physical properties, and associated critical considerations in view of emerging technologies
35	AUBTME-OE	Law for Engineers	B.Tech ME	3	The learning outcomes address: managerial decisions, commercial aspects of engineering decision-making, law in engineering, marketing, entrepreneurship, project management and project risk management
36	AUBTME-210	Human Values and Professional Ethics	B.Tech ME	4	Students will be able to understand the business ethics. The student will be able to Analyze corporate social Responsibility . The student will be able to analyze various ethical codes in corporate governance
37	AUBTME-OE ⁺ -216	Law for Engineers	B.Tech ME	4	This module will provide students with an introduction to management and law – knowledge and skills which can be applied to the operations of an engineering-based organisation
38	AUMTCE-202	Environmental Health & Hygiene	M.Tech CE	2	This course describes about environment and its relation with health.

39	AUMTCE-304(E)	Environmental Impact Assessment	M.Tech CE	3	living world and the environment, the components and dynamism, homeostasis, functional aspects of ecosystem, plant community, biotic and abiotic factors as well as principles of phytogeography. The main objective of the course is to make pupil's reliable with tools, techniques and concepts of basics of ecosystems and their interdependence with abiotic factors likes soil, water, geography, and climatic conditions to gain competitive advantage as a successful ecologists and botanist.
40	AUMTCSE-304(B)	Cyber Law	M.Tech CSE	3	Students identify and analyze statutory, regulatory, constitutional, and organizational laws that affect the information technology professional
41	AUBTCSE-212	Human Values and Professional Ethics	B.Tech CSE	4	To facilitate the development of a Holistic perspective among students towards life, profession and happiness, based on a correct understanding of the Human reality and the rest of existence. Such a holistic perspective forms the basis of Value based living in a natural way
42	AUBSCMLT-305	Environmental Sciences	Bsc MLT	3	Environmental science deals with detailed studies of environmental science, pollution and issues. This subject includes the solid and hazardous waste management and current environmental issues in India. This course further introduces the environmental policies and practices on environmental issues.