



## Department of Ecology

### Fourth Stage Graduation Research Projects for the Academic Year 2020-2021

t	Student Name	Supervisor Name	Course	Project Title
1	Shams Sabah Abdul razzaq	Assist. Lecturer Adel Fadel Abbas	First semester	Ranks and families of Iraqi marine fish species and the number of their genera and species with graphical processing of data
2	The livelihood of Salah Ahmed	Prof. Osama Hamed Yousef	First semester	Changes in the composition of Shatt al-Arab fish and the eastern marshes of the donkey during the period 1995-2017
3	Nour Al , Huda Sabah Attia	Assist. Lecturer Anfas Nima Akash	First semester	Effect of invasive ground shell ( <i>Monacha obstructa</i> )
4	Ali Rabie Saddam	Dr. Raghad Zeidan Khalaf	First semester	Study of the class of spiders (class: Arachnida)
5	Zahraa Hatem Hussein	Assist. Lecturer Najla Hashem Adlan	First semester	The effect of environmental stress on the plant
6	Jihan Majed Jbara	Assist. Lecturer Enas Awni Mahdi	First semester	Lead - its sources - effects - methods of treatment
7	Zahraa Shaalan Fakher	Assist. Prof. Wedad Mazban Taher	First semester	Plant Farming
8	Zahraa Saad must	Assist. Lecturer Sadad Asaad Mutashar	First semester	Nanotechnology and its applications
9	Heba Salah Mahouder	Assist. Lecturer Ibtihal Mousa Jaafar	First semester	Using algae as environmental evidence to determine water quality
10	Mohammed Jabbar Abdullah	Dr. Suhad Abdel Sada Taha	First semester	Medicinal plants



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11	Zahraa Saleh Mahdi	Dr. Fadia Mushtaq Selim	First semester	Wastewater and its effects on water quality
12	Ayat Ali Wannan	Prof. Makiya Muhalhal Khalaf	First semester	Effect of glutathione on heavy metal toxicity in plant
13	Zainab Fouad Salem	Assist. Lecturer Hanan Abdel Hafez Ali	First semester	Hydrocarbon pollution and its effect on the environment
14	Zainab Hussein Abdul shaheed	Dr. Ammar Attia Talal	First semester	Toxic effects of lead metal on humans and the environment
15	Zahra Haidar Muhammad Kazem	Dr. Firas Mustafa Hassan	First semester	Sanitary landfill
16	Ali Abdulhussain Salman	Dr. Ammar Attia Talal	First semester	Using water as an alternative to fossil fuels
17	Zaynab Abd al-Wahid	Assist. Lecturer Moataz Hikmat Othman	First semester	Health effects of some air pollutants on pregnant women and their children
18	Zahra Muhammad Kazem	Assist. Prof. Hassan Thajib Muhail	First semester	Environmental pollution and its impact on human rights in Iraq
19	Fatima Falah Jaber	Assist. Lecturer Esraa Amer Ayed	First semester	Sustainable biofuels from algae and fungi
20	Sajjad Abdulhassan Abdulnabi	Assist. Prof. Nayef Mohsen Aziz	First semester	Waste Management
21	Ahmed Majid Ghadban	Dr. Maytham Abdullah Ghaly	First semester	The role of blue-green algae in nitrogen fixation
22	Nour Abbas Saadoun	Assist. Lecturer Enaam Abdulamir Abdulhassan	First semester	Oil pollution in the aquatic environment
23	Haidar Haneen Karim	Prof. Asia Fadel Abdullah	First semester	Types of industrial pollutants released in the waters of the Shatt al-Arab and their effects



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24	Ayat Riyadh Hamad	Assist. Lecturer Ansam Jassim Mohammed	First semester	Oil-eating bacteria and plastic-eating bacteria may eliminate the most serious environmental disasters
25	Zahra Tariq Zayer	Dr. Maytham Abdullah Ghaly	First semester	Blue green algae and their importance to humans and the environment
26	Haidar Ali Makki	Assist. Prof. Mostafa Abdel Wahab	First semester	Microbial contamination in water
27	Nour Mahmoud Ahmed	Assist. Lecturer Shaima Saeed Rahim	First semester	Biotreatment of industrial dyes using the enzyme fungal lacquis
28	Marwa Zaid Abdullah	Dr. Muhanna Qasim Habib	First semester	Biodiversity and climate change
29	Haidar Hassan Madi	Assist. Lecturer Bassima Abdul Razzaq	First semester	The use of living organisms as biomarkers of environmental pollution
30	Mariam Abdulrahman Ali	Assist. Lecturer Anfas Nima Akash	Second semester	Effect of Sublethal Cadmium Concentrations on Crisin Carp Fish
31	Mariam Mohammed Abdul qader	Prof. Makiya Muhalhal Khalaf	Second semester	The use of nanotechnologies in the treatment of pollution with petroleum hydrocarbons
32	Zine El Abidine Abdulhassan Mohammed	Dr. Diaa Abdel Sada Hussein	Second semester	Global warming and its impact on the environment
33	Fatima Munther Ali	Assist. Lecturer Hanan Abdel Hafez Ali	Second semester	Chlorinated organic pesticide contamination and its impact on human health
34	Abd El , Daem Issa Abd El , Daim	Assist. Lecturer Hanan Abdel Hafez Ali	Second semester	Plastic pollution, its impact and ways to reduce it
35	Shahd Adnan Hussein	Dr. Ammar Attia Talal	Second semester	Contamination and toxicity of canned food



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36	Zahraa Taleb Ghalib	Assist. Prof. Hassan Thajib Muhail	Second semester	Radioactive pollution and its effect on humans
37	Hassanein Aqeel Talib	Dr. Ammar Attia Talal	Second semester	The most important types of toxic compounds in the Shatt al-Arab and their impact on humans and the environment
38	Iman Odeh Abdulhussain	Assist. Lecturer Ansam Jassim Mohammed	Second semester	Laser applications in medical fields
39	Memory of Hamad Abdullah	Assist. Prof. Nayef Mohsen Aziz	Second semester	Impact of environmental pollution on biodiversity
40	The time of Muhammad Hussein	Dr. Firas Mustafa Hassan	Second semester	Harms and benefits of scented candles inside the house
41	Tafouf Hazem Adnan	Assist. Lecturer Fadia Mushtaq Selim	Second semester	Oil pollution and its effects on the aquatic environment
42	Amaleed Laith Abdulkadhim	Dr. Firas Mustafa Hassan	Second semester	Diesel fuel and environment
43	Wafaa Adnan Hadi	Assist. Lecturer Enaam Abdulamir Abdulhussain	Second semester	Study of the environmental impact of electric power plants
44	Mustafa Abdul karim Jadou	Assist. Lecturer Esraa Amer Ayed	Second semester	Dust storms causes and effects
45	Abdul mohaimen Waleed Hamdan	Assist. Lecturer Ansam Jassim Mohammed	Second semester	Passive smoking and its effect on humans
46	Nouf Ghanim Ali	Assist. Prof. Nayef Mohsen Aziz	Second semester	Sources and impact of indoor air pollution
47	Abdul mahdi Ajil Musa	Assist. Lecturer Enas Awni Mahdi	Second semester	Automotive exhaust emissions and their health and environmental impacts
48	Noor Jassim Mohammed	Assist. Lecturer Nasser Abdullah Helou	Second semester	Phosphate-solvent bacteria and their usefulness for plants



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49	Karrar Sajjad Jader	Dr. Maytham Abdullah Ghaly	Second semester	Using solar radiation to improve water properties
50	Zainab Qais Hamid	Assist. Lecturer Shaima Saeed Rahim	Second semester	Cosmetic contact lenses and the resulting fungal diseases
51	Ruqayyah Taleb Muhammad Ali	Prof. Mustafa Abdel Wahab Negm	Second semester	The use of fungi in the production of organic fertilizer from plant residues
52	Hawraa Kazem Abdulhussain	Prof. Asia Fadel Abdullah	Second semester	Use of some algae in wastewater treatment and efficiency assessment
53	Hawraa Taleb Hassan	Assist. Lecturer Shaima Saeed Rahim	Second semester	The economic importance of the lavender plant and its role as an effective antifungal against pathogenic fungi
54	Benin Shaker Faisal	Assist. Lecturer Ibtihal Mousa Jaafar	Second semester	The role of algae in water treatment
55	Israa Ahmed Khudair	Assist. Lecturer Enas Awni Mahdi	Second semester	Chlorine sterilization of drinking water
56	Iyad Mard Jaber	Assist. Lecturer Adel Fadel Abbas	Second semester	Cetaceans in the marine waters of the Arabian Peninsula
57	Zahra Kazem Hassan	Dr. Muhanna Qasim Habib	Second semester	The marshes of southern Iraq are important habitats for birds
58	Namarig Saad Shaker	Assist. Lecturer Mohammed Salem Muwail	Second semester	The importance of applying integrated water resources management in Iraq and the environmental challenges it faces
59	Nada Hashem Ali	Dr. Shorouq Abdullah Najm	Second semester	Spider nets environmental guide for pollution monitoring
60	Mustafa Muayad Jabbar	Assist. Lecturer Sadad Asaad Mutashar	Second semester	The impact of fires on the ecosystem
61	Zainab Ali Abdulhussain	Dr. Raghad Zeidan Khalaf	Second semester	Ringed worms with many physiococcus



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62	Zahraa Abdulwahab Majeed	Dr. Raghad Zeidan Khalaf	Second semester	Barnacle
63	Ayat Salah Sleazy	Prof. Donia Ali Hussein	Second semester	Ecological footprint
64	Esraa Saleh Abdulmahdi	Assist. Prof. Wedad Mizban Taher	Second semester	The economic importance of date growth
65	Fatima Muhannad Taha	Assist. Lecturer Najla Hashem Adlan	Second semester	Plant Kingdom
66	what ali rashad	Assist. Lecturer Moataz Hikmat Othman	Second semester	Environmental pollution from gas stations
67	Zahraa Ali Jaafar	Assist. Prof. Wedad Mizban Taher	Second semester	Effect of pollen on air pollution
68	Fatima Abdul hakim Khalid	Assist. Lecturer Moataz Hikmat Othman	Second semester	The impact of wars on the environment
69	Sarah Luay Abdulmajeed	Dr. Suhad Abdel Sadah Taha	Second semester	Desert Plant Communities in Iraq
70	Shahd Jalal Marzouk	Assist. Lecturer Bassima Abdul Razzaq Abdulrahman	Second semester	Trace elements in plants and the ability of aquatic plants to accumulate them
71	Muhammad Adnan Kazim	Assist. Lecturer Mohammed Salem Muwail	Summer Semester	Use of magnetized water in agricultural applications
72	Zahra Rahim Hashem	Dr. Suhad Abdel Sada Taha	Summer Semester	Shade plants



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73	Taqa in front of Mohammed	Assist. Prof. Wedad Mizban Taher	Summer Semester	Use of plants in the production of biofuels
74	Abbas Sabah Nasser	Dr. Shorouq Abdullah Najm	Summer Semester	Environmental and economic importance of worms
75	Zainab Iyad Mohammed	Assist. Lecturer Enas Awni Mahdi	Summer Semester	Plastic is a constant danger to marine organisms
76	Israa Bassem Mohammed	Prof. Makiya Muhalhal Khalaf	Summer Semester	Environmental impact of cleaning products
77	Miami Hussein Khudair	Assist. Lecturer Enaam Abdulamir Abdulhussain	Summer Semester	Plastic pollution in the environment