



Graduation Research Projects and Academic Supervisors of Fourth-Year Students Academic Year 2024–2025

No.	Student Name	Supervisor	Research Title
1	Riam Nazeeh Ghanem Younis Al-Sabawi	Prof. Dr. Suhaib H. Khudhur	Flow Hazards in the Sheikh Ibrahim Basin Using the Morphometric Ranking Method
2	Ahmed Ismail Murad Haji Al-Hikarchi	Prof. Dr. Lamyaa Hussein Ali	Generalization and Its Development in Geographic Maps
3	Ahmed Khalid Mahmoud Mohammed Al-Jubouri	Prof. Dr. Lamyaa Hussein Ali	Designing the Geographic Map: Manual Methods versus Modern Digital Techniques
4	Ahmed Taha Mohammed Khudhur Al-Balu	Prof. Dr. Lamyaa Hussein Ali	Conceptual Maps and Their Role in Geographic Studies
5	Ahmed Abdullah Khalaf Hamad Al-Jubouri	Prof. Dr. Ahmed Hamed Ali	Sino-American Geopolitical Competition over Iraq's Oil
6	Ahmed Ali Issa Ali Al-Sabawi	Prof. Dr. Ahmed Hamed Ali	The Strategic Importance of the Strait of Gibraltar in American Geopolitics
7	Ahmed Mohammed Khalaf Abdu Al-Sahal	Prof. Dr. Rana G. Hamed	Social Responsibility among Geography Department Students in Light of Certain Variables
8	Ahmed Yassin Mohammed Saleh Al-Zubaidi	Prof. Dr. Rana G. Hamed	Cognitive Agility among Geography Students in Light of Selected Variables
9	Ikhlas Mahmoud Mohammed Ali Al-Ali	Asst. Prof. Dr. Lujain S. Mustafa	Naturalistic Intelligence among Geography Students in Light of Certain Variables
10	Idris Qasim Hassan Khro Al-Dakhi	Asst. Prof. Dr. Lujain S. Mustafa	Positive Thinking among Geography Students in Light of Selected Variables



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No.	Student Name	Supervisor	Research Title
11	Arwa Khalid Mahmoud Rajab Al-Tamimi	Asst. Prof. Dr. Sahar S. Qasim	A Study of the Impact of Temperature on the Population in Mosul City
12	Azhar Thanon Jalood Khudair Hassan	Asst. Prof. Dr. Sahar S. Qasim	The Role of Deep Learning in Solving Geographical Problems
13	Asmahan Marwan Jasim Mohammed Al-Tai	Asst. Prof. Dr. Laith H. Omar	Representation Methods of Directional Variables in Maps
14	Sara Ali Yaseen	Asst. Prof. Dr. Laith H. Omar	Cartographic Representation of Proportional and Density Maps (Choropleth)
15	Aseel Natheer Mohammed Ali Al-Jubouri	Asst. Prof. Dr. Mohammed H. Dhanon	Spatial Analysis of Intra-Gulf Cooperation Council Trade
16	Afra Adnan Abdulkarim Ahmed Al-Obaidi	Asst. Prof. Dr. Mohammed H. Dhanon	Spatial Relationships Between Road Networks and Demographic-Urban Characteristics in Iraq
17	Afnan Sameer Mahmoud Ahmed Al-Mashhadani	Asst. Prof. Dr. Mohammed H. Dhanon	Geographical Foundations of Agricultural Production in Al-Hadr District
18	Ilyas Mohammed Ali Mohammed Al-Aswad	Asst. Prof. Dr. Khalid S. Atiyah	Analysis of Rainfall Rates in Nineveh Governorate
19	Umm Kulthum Mohammed M. Ahmed Al-Hayali	Asst. Prof. Dr. Khalid S. Atiyah	Study of Heatwave Recurrence (Causes – Effects)
20	Amani Hubash Younis Hassani Khudhur	Asst. Prof. Dr. Khalid S. Atiyah	Impact of Atmospheric Depressions on Iraq's Climate
21	Amani Hilal Shahouth G. Mohammed Al-Safwan	Asst. Prof. Dr. Omar A. Ismail	Population Density Representation Methods Using GIS
22	Amjad Abdullah Ahmed Hameed Al-Ahmad	Asst. Prof. Dr. Omar A. Ismail	Methods for Calculating Water Erosion Using GIS



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No.	Student Name	Supervisor	Research Title
23	Amal Jalal Saeed Bilal Al-Mulla	Asst. Prof. Dr. Omar A. Ismail	Preparation of Dot Distribution Maps Using GIS
24	Amina Iyad Ahmed Sharif Al-Luhaibi	Asst. Prof. Dr. Saad S. Khudhur	Urban Growth Patterns in Iraqi Cities
25	Amina Tariq Bilal Hassan Al-Ukaidi	Asst. Prof. Dr. Saad S. Khudhur	Land Use Systems for Transport Purposes in the Left Side of Mosul City
26	Anwar Abd Ahmed Mandil Al-Mi'mari	Asst. Prof. Dr. Ahmed T. Khudhur	Manufacturing Industries in Iraq: A Study in Industrial Geography
27	Aya Fares Mustafa Abdulkarim Al-Obaidi	Asst. Prof. Dr. Ahmed T. Khudhur	Spatial Variation in Electric Power Production Stations in Iraq: A Study in Energy Geography
28	Aya Firas Tareq Abbas Al-Hussein	Asst. Prof. Dr. Ahmed T. Khudhur	Environmental Impacts of Large Industries in Iraq: A Geographical Study
29	Elaf Nashwan Taha Mohammed Ghazal Al-Tai	Asst. Prof. Dr. Sura B. Hussein	Frost and Its Environmental Impacts Globally
30	Iman Thaer Mohammed Hussein Al-Abbadi	Asst. Prof. Dr. Sura B. Hussein	The Effect of Thermal Inversion on the Global Environment
31	Inas Abdulhussein Mohammed Saleh Khalaf	Asst. Prof. Dr. Sura B. Hussein	Changes in Snow Cover and Its Environmental Effects Globally
32	Inas Ali Hussein Ali Al-Jubouri	Asst. Prof. Dr. Muharib K. King	The Reality of the Milling Industry in Nineveh Governorate



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No.	Student Name	Supervisor	Research Title
33	Bariq Jasim Mohammed Hameed Al-Badrani	Asst. Prof. Dr. Muharib K. King	Problems of Economic Development in Iraq: Future Solutions
34	Basim Jasim Mohammed Ali Al-Yaqub	Asst. Prof. Dr. Muharib K. King	Geographical Analysis of Defunct Government Industries in Nineveh Governorate
35	Baraa Turki Ali Hamada Al-Jubouri	Lect. Dr. Hiba S. Yahya	The Concept and Divisions of Region in Arab Islamic Civilization in the 4th Century AH / 10th Century AD
36	Tabarak Ahmed Mohammed Hassan Al-Ardini	Lect. Dr. Hiba S. Yahya	Cartography and Its Developmental Stages in the Arab Islamic Civilization in the 6th Century AH / 12th Century AD
37	Jasim Hassan Abdul Tharthar Al-Hammad	Lect. Dr. Hiba S. Yahya	Climatic Concepts in the Arab Islamic Civilization in the 5th Century AH / 11th Century AD
38	Jasim Mohammed Salem Nazzal Al-Hayidari	Lect. Dr. Hiba S. Yahya	Geographical Aspects in Al-Istakhri's Works
39	Jamal Arkan Mohammed Hassan Al-Matyouti	Lect. Dr. Khudhur J. Mohammed	Aspects of Climatic Fluctuation and Change
40	Jumana Salih Khudhur Ibrahim Al-Jubouri	Lect. Dr. Khudhur J. Mohammed	Fundamentals of Climatic Water Balance: A Case Study of Tel Abta Station
41	Jihan Fawaz Sultan Mohammed Al-Hamawi	Lect. Dr. Ghada G. Madeen	Geographical Analysis of the Commercial Strip in New Mosul Neighborhood



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No.	Student Name	Supervisor	Research Title
42	Juhaina Nashwan Salem Jameel Al-Khayyat	Lect. Dr. Ghada G. Madeen	Geographical Analysis of Health Services in Al-Hadbaa Neighborhood
43	Juwan Amer Mohammed Ibrahim Al-Hoshan	Lect. Dr. Ghada G. Madeen	Commercial Land Uses in Al-Intisar Neighborhood
44	Hareth Sultan Abdullah Jasim Al-Jasim	Lect. Dr. Firas G. Mohammed	The City of Shilb and Its Economic Role
45	Hudhaifa Mohammed Abdullah Dawood Al-Suhail	Lect. Dr. Firas G. Mohammed	The City of Ceuta and Its Economic Role
46	Nihal Ahmed Mohammed Shukri Mahmoud Kikani	Lect. Dr. Firas G. Mohammed	The City of Toledo and Its Economic Role
47	Hussein Ahmidan Mohammed Hussein Al-Dulaimi	Lect. Dr. Mohammed I. Ghathwan	Rivers and Their Geomorphological Effects
48	Hawasim Basim Omar Mohammed Al-Wakka	Lect. Dr. Mohammed I. Ghathwan	Characteristics of the Western Plateau in Iraq
49	Khudhir Atwan Hammadi Hassan Al-Shuwailkhi	Lect. Dr. Khalida J. Mohammed Tahir	Industrial Regions: Their Emergence and Importance
50	Dalal Ismail Mohammed Ismail Al-Jubouri	Lect. Dr. Khalida J. Mohammed Tahir	Modern Trends in Medical Geography
51	Dalal Safwan Mohammed Qasim Al-Naemi	Lect. Dr. Abdulmohsin A. Ibrahim	Jordan: A Geographical Study
52	Dalal Amer Jirjis Ali Al-Wawi	Lect. Dr. Abdulmohsin A. Ibrahim	Sudan: A Geographical Study



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No.	Student Name	Supervisor	Research Title
53	Dunya Ahmed Hassan Mohammed Ali Al-Naemi	Lect. Dr. Abdulmohsin A. Ibrahim	Sultanate of Oman: A Geographical Study
54	Diana Khalid Salem Younis Al-Juwari	Lect. Dr. Wissam A. Hussein	Illegal Immigration to Turkey from Selected Middle Eastern Countries
55	Rajab Hassan Ali Hassan Al-Obayu	Lect. Dr. Wissam A. Hussein	Spatial Relationships Between Population Growth and the Increase of Private Schools in Mosul (2005–2023)
56	Rahma Abdulmoneim Ahmed Saleh Al-Obaidi	Lect. Dr. Wissam A. Hussein	Assessment of Health Workforce Indicators in Al-Buseif Area for the Year 2023
57	Rasha Nashwan Mohammed Ajm Al-Juwari	Lect. Dr. Khudhur R. Abdulrahman	Determining Dry and Wet Seasons in Nineveh Governorate
58	Raghad Ahmed Nazzal Haleel Al-Hayidari	Lect. Dr. Khudhur R. Abdulrahman	The Problem of Desertification in Iraq
59	Rimah Ahmed Salim Abdullah Al-Luhaibi	Lect. Dr. Khudhur R. Abdulrahman	Spatial and Temporal Variability of Temperatures in Iraq
60	Ibrahim Mahmoud Khalil Al-Bijwani	Lect. Dr. Alaa H. Ahmed	Urban Concentration of City Populations in Nineveh Governorate
61	Rana Amin Mohammed Obeid Al-Jubouri	Lect. Dr. Alaa H. Ahmed	Street Network in the Right Side of Mosul City



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No.	Student Name	Supervisor	Research Title
62	Riyadh Saleh Balu Khudhur Al-Rashidi	Lect. Dr. Alaa H. Ahmed	Transport Movement in Commercial Streets: Selected Samples from Mosul
63	Zahraa Yasser Khalid Mahmoud Al-Obaidi	Lect. Dr. Hussein A. Aran	Geostrategic Importance of the South China Sea in the Global Power Map
64	Ziyad Humaidi Khudhur M. Al-Hamad Al-Hussein	Lect. Dr. Hussein A. Aran	Regional and International Competition in the Horn of Africa
65	Zainab Waleed Mohammed Abbo Al-Araj	Lect. Dr. Hussein A. Aran	Geopolitical Importance of Cyprus in Turkish-Greek Regional Rivalry
66	Sarah Abdulsalam Taha Abdullah Al-Dabbagh	Lect. Asmaa K. Jirjis	Challenges to the Sustainability of the Old Mosul Wall (Right Side) Using GIS
67	Sarah Omar Hussein Ali Al-Douski	Lect. Asmaa K. Jirjis	Touristic Importance of Developing Proposals for Mosul Dam Lake Outside the Tourist City Using GIS
68	Saja Abdulrazzaq Khalil Ibrahim Al-Jubouri	Asst. Lect. Nizal I. Ali	Igneous Rocks in Iraq
69	Saja Omar Ismail Hamidan Nasser	Asst. Lect. Nizal I. Ali	Limestone Rocks: Origin, Types, Properties, and Geographic Distribution
70	Sufyan Ahmed Huwedi Abdul-Hawa	Asst. Lect. Nizal I. Ali	The Problem of Nutritional Imbalance Among the Population
71	Sufyan Murad Hassan Jirdu Halki	Asst. Lect. Athmar N. Hanna	Population Growth in Iraq and Its Geographic Distribution



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No.	Student Name	Supervisor	Research Title
72	Samira Rabee Hamid Ibrahim	Asst. Lect. Athmar N. Hanna	The Phenomenon of Poverty in Iraq (Causes and Effects)
73	Suha Salem Ahmed Suleiman Al-Ghasani	Lect. Dr. Mustafa Q. Hammadi	Impact of the Turkish Ilisu Dam on Iraq's Economic Situation
74	Saif Dawood Salem Younis Dawi	Lect. Dr. Mustafa Q. Hammadi	Impact of the Ethiopian Renaissance Dam on the Geopolitics of the Nile: Egypt as a Case Study
75	Shaaan Abdulhamid Saleh Elias Al-Masha'an	Lect. Dr. Mustafa Q. Hammadi	Negotiated Water Diplomacy and Its Role in Resolving Conflicts on International Rivers (Tigris and Euphrates Basins)
76	Shahd Abd Yassin Hamad Al-Injadi	Asst. Lect. Nashwan A. Hammadi	Iranian-Saudi Relations and Their Impact on Stability in the Middle East
77	Shahd Mohammed Nahr Kassar K. Al-Hayyani	Asst. Lect. Nashwan A. Hammadi	The Israeli-Palestinian Conflict and Its Impact on the Political Geography of the Middle East
78	Shaimaa Amir Ibrahim Issa Al-Sabawi	Asst. Lect. Nashwan A. Hammadi	Geopolitical Importance of Yemen in Saudi Strategy
79	Shaimaa Turki Mijbas Adhayman Al-Arghiyan	Asst. Lect. Faiza Hamidi	Climate Change and Ways to Reduce Its Negative Impacts to Achieve Sustainable Development Goals
80	Saleh Naif Khudhur Shahada Azzawi	Asst. Lect. Faiza Hamidi	Individual Awareness and Its Role in Environmental Protection



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No.	Student Name	Supervisor	Research Title
81	Saba Riyadh Fathi Hassan Al-Hassan	Asst. Lect. Faiza Hamidi	Geological Structure and Its Impact on Geographical Projects
82	Saba Mohsen Jasim Hameed Al-Jubouri	Asst. Lect. Mazin A. Khalil	Air Pollution: Sources and Environmental Impacts
83	Safa Ismail Ahmed Ismail	Asst. Lect. Mazin A. Khalil	Desertification: Causes and Environmental Impacts
84	Suhaib Mohammed Hassan Mustafa Al-Hamdani	Asst. Lect. Mazin A. Khalil	Drought: Concept, Causes, and Impacts
85	Doha Sibhan Khudhur Alloush Al-Jubouri	Asst. Lect. Ola B. Mahmoud	Effective Cartographic Representation of Health Services in Mosul City
86	Amer Fathi Jasim Mohammed Al-Obaidi	Asst. Lect. Ola B. Mahmoud	Spatial Variation of Community Services in Nimrud Subdistrict Center
87	Abdulrahman Basil Idris Hussein Al-Jubouri	Asst. Lect. Ola B. Mahmoud	Environmental Pollution in Iraq: Causes, Consequences, and Solutions
88	Abdul Sattar Waleed Humaidi Saleh Al-Jubouri	Asst. Lect. Murad M. Abdullah	Analysis of Geomorphological Features in the Nimrud Area
89	Abdullah Abdulghani Abdullah Bakr Al-Rashid	Asst. Lect. Murad M. Abdullah	Geomorphological Characteristics of Tal Afar District
90	Athraa Falah Younis Suleiman Al-Sheikh Ahmed	Asst. Lect. Murad M. Abdullah	Geomorphological Forms and Surface Features in the Bashiqa Area
91	Ali Hassan Ahmed Hassan Basefi	Asst. Lect. Hussein A. Rasheed	Assessment of Morphometric Characteristics of Wadi Kandik Basin – Duhok Using GIS



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No.	Student Name	Supervisor	Research Title
92	Ali Hussein Wiss Qasim Kahia	Asst. Lect. Hussein A. Rasheed	Determining Rainwater Harvesting Sites in Wadi Afouki Basin Using GIS
93	Ali Raad Aziz Mohammed Sheat Al-Saffar	Asst. Lect. Hussein A. Rasheed	Using Hydrological Modeling to Estimate Surface Runoff Volume in Wadi Sidrah Basin
94	Ali Salem Khalil Ibrahim Al-Hassouni	Asst. Lect. Dalia Haji Shamo	The Role of Road Transport in Sustainable Tourism Development in Duhok Governorate
95	Omar Suhail Najm Abdullah Al-Abed	Asst. Lect. Dalia Haji Shamo	Road Transport Methods in Mosul District: A Study in Transport Geography
96	Omar Othman Khalaf Dablis Al-Tai	Asst. Lect. Dalia Haji Shamo	Road Transport Network in Duhok District
97	Omar Mohammed Yaseen Abbas Al-Hayidari	Asst. Lect. Riham S. Khidr	Developing Rainwater Harvesting in Wadi Bashiqa Basin
98	Omar Ali Ramadan Mahmoud Al-Obaidi	Asst. Lect. Riham S. Khidr	Mosul Dam Lake: A Study in Applied Hydrology
99	Ahd Saeed Ahmed Haleel Al-Shuwailkhi	Asst. Lect. Riham S. Khidr	Hydrological Analysis of Wadi Barna Basin
100	Ghazwan Zaidan Khalaf Hussein Al-Hussein	Asst. Lect. Rakan S. Mustafa	Industry and Its Components in Nineveh Governorate
101	Fatima Mohammed Jasim Mohammed Salawi	Asst. Lect. Rakan S. Mustafa	Spatial Distribution of Large Human Industries in Nineveh Governorate
102	Qahtan Faisal Naif Mahmoud Al-Hayidari	Asst. Lect. Rakan S. Mustafa	The Industrial Function in Mosul City
103	Karam Abdulkarim Ali Suleiman Al-Sulaiman	Asst. Lect. Zaid A. Sultan	The Importance of the Shanghai Organization in China's Geostrategic Expansion



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No.	Student Name	Supervisor	Research Title
104	Mutib Sami Ibrahim Taha Al-Abed	Asst. Lect. Zaid A. Sultan	Main Geographical Foundations of the United Arab Emirates and Their Role in National Power
105	Hassan Mohsen Hassan Aboush Al-Ahmad	Asst. Lect. Zaid A. Sultan	Geopolitics of U.S.-Saudi Relations and Their Impact on the Middle East
106	Mohammed Jasim Mohammed Hassan Al-Sawafah	Asst. Lect. Sabah O. Suleiman	Variation in Natural Vegetation Density in Telkaif District (2014–2024) Using GIS
107	Mohammed Shamil Shihab Ahmed Al-Abadi	Asst. Lect. Sabah O. Suleiman	Cartographic Representation of Natural Foundations in Telkaif District Using GIS
108	Mohammed Saleh Khudhur Ibrahim Al-Jubouri	Asst. Lect. Sabah O. Suleiman	Spatial Analysis of Population Volume in Telkaif District
109	Mohammed Adel Ahmed Sultan Al-Hamdani	Asst. Lect. Amer S.Ahmed	Impact of Major Natural Factors on State Power from a Geopolitical Perspective
110	Mohammed Abd Ismail Diyab Al-Hayidari	Asst. Lect. Amer S.Ahmed	Impact of Major Economic Factors on State Power from a Geopolitical Perspective
111	Mohammed Abd Aboush Azghat Al-Hammadi	Asst. Lect. Amer S.Ahmed	Impact of Major Human Factors on State Power from a Geopolitical Perspective
112	Mohammed Abdulrazzaq Hanoush M. Al-Alawi	Asst. Lect. Mohammed M. Shallal	Fourth-Dimension Maps Representation for Nineveh Population (2000–2023)



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No.	Student Name	Supervisor	Research Title
113	Mohammed Antar Mohammed Abdullah Al-Subaih	Asst. Lect. Mohammed M. Shallal	The El Niño Phenomenon and Its Effect on Climate
114	Mohammed Fares Jasim Hassan Al-Hajo	Asst. Lect. Mohammed M. Shallal	Natural Factors Affecting Surface Temperature Distribution: A Comparative Study Between Mosul and Duhok
115	Mahmoud Ibrahim Ahmed Taha Al-Hamad	Asst. Lect. Mohammed M. Khudhur	Drought and Its Environmental Impacts
116	Mahmoud Dawood Suleiman Ali Al-Tai	Asst. Lect. Mohammed M. Khudhur	Dust Storms: Their Causes and Effects
117	Mahmoud Taha Thanon Khudhur Al-Jubouri	Asst. Lect. Mohammed M. Khudhur	Urban Heat Island and Its Characteristics
118	Mahmoud Fadhil Abbas Abdul Mohammed	Asst. Lect. Misha'al F. Misha'al	Spatial Variation of Population Distribution and Density in the Left Side of Mosul City
119	Maryam Ahmed Abdulwahab Abdullah Al-Badrani	Asst. Lect. Misha'al F. Misha'al	Demographic Analysis of Housing Crisis Trends in Mosul City
120	Maryam Abdullah Zgair Abdulrahman Al-Rawi	Asst. Lect. Misha'al Fawaz Misha'al	Spatial Analysis of Population Growth in the Left Side of Mosul City (2018–2024)
121	Maryam Alaa Hussein Ali Al-Yousif	A Asst. Lect. Amer M. Ahmed	Physical and Chemical Changes in Karst Landforms and Their Impact on Water Resources



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No.	Student Name	Supervisor	Research Title
122	Maryam Ghanem Mahmoud Yousif Al-Tahan	Asst. Lect. Amer M. Ahmed	Formation and Global Distribution of Oceanic and Maritime Islands
123	Manar Bashar Fawzi Hussein Alia	Asst. Lect. Amer M. Ahmed	Geomorphological Analysis of Morphological Characteristics and Their Importance
124	Manar Kamil Ali Abdul Al-Tai	Asst. Lect. Nour A. Abdullah	The Phenomenon of Poverty in Iraq and Its Relation to Sustainable Development Indicators
125	Muna Jassam Abdul Hamrawi Al-Jumaili	Asst. Lect. Nour A. Abdullah	Sustainable Development in Iraq Between Current Challenges and Future Necessities
126	Muna Ahmed Jasim Mohammed Al-Zubaidi	Asst. Lect. Yassmin F. Ghaib	Wind Element Analysis in Baiji District: A Study in Climate Geography
127	Maysar Khudhur Khalaf Haji Al-Shallal	Asst. Lect. Qaisar Sami	Agricultural Production Requirements for Industrial Crops in Semel District
128	Nabaa Mohammed Yaseen Abbas Al-Obaidi	Asst. Lect. Qaisar Sami	Agricultural Production Constraints for Strategic Crops in Rabia Subdistrict
129	Noor Al-Huda Ahmed Shakir M. Al-Mi'mari	Asst. Lect. Lelav Dashwar	Morphological Study of Bashiqa Subdistrict
130	Noor Mohammed Ibrahim Khalil Al-Kurani	Asst. Lect. Lelav Dashwar	Geomorphological Hazards of Wadi Al-Baqaq
131	Hajar Raad Yaseen Aref Al-Saffar	Asst. Lect. Lelav Dashwar	Morphodynamic Processes of Wadi Bablou Basin



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No.	Student Name	Supervisor	Research Title
132	Hala Abdulrahman Mahmoud Al-Jubouri	Asst. Lect. Ibtisam H. Mohammed	Geographical Distribution of Cattle Breeding Farms in Eastern Mosul District
133	Hiba Mutlaq Khalaf Nasser Al-Jubouri	Asst. Lect. Ibtisam H. Mohammed	Spatial Variation in Olive Production Varieties in Bashiqa Subdistrict
134	Huda Mohammed Yaseen Abdullah Al-Abdullah	Asst. Lect. Ibtisam H. Mohammed	The Impact of Climate on the Cultivation of Wheat and Barley in Al-Shura Subdistrict
135	Hind Firas Tareq Abbas Al-Hussein	Asst. Prof. Dr. Abdulrazzaq Jasim	Determinants of U.S. Policy Toward GCC States: A Political Geography Study
136	Hiwan Rakan Abbas Muto Al-Azzawi	Asst. Prof. Dr. Abdulrazzaq Jasim	The International Roads Development Project: A Political Geography Study
137	Mohammed Thaer Ahmed M. Qassab Bashi	Asst. Prof. Dr. Mohammed Nizar	Description of Mosul Based on the Writings of Ibn Battuta (d. 779 AH / 1337 AD)
138	Yamama Khudhur Tareq Abbas Al-Hussein	Asst. Prof. Dr. Mohammed Nizar	Economic Activities in Ras Al-Ain City Through Some Geographical and Historical Sources (3rd–8th Century AH / 9th–14th Century AD)
139	Younis Abdullah Akhleef Ismail Al-Hayidari	Asst. Prof. Dr. Huda Y. Younis	Economic and Geographical Features in Mosul as Stated in the Book 'Surat al-Ard' by Ibn Hawqal
140	Younis Mahmoud Aziz Al-Salami	Asst. Prof. Dr. Huda Y. Younis	Mosul in the Works of Al-Qazwini: A Descriptive Study