

## Academic Program Description Form

University Name: .. Warith Alanbiyaa University .....

Faculty/Institute: .....Engineering.....

Scientific Department: .....Civil Engineering.....

Academic or Professional Program Name: Bachelor of Civil Engineering.....

Final Certificate Name: Bachelor of Civil Engineering

Academic System: Semesters program + Bologna program.....

Description Preparation Date: 17/3/2024

File Completion Date: 23/3/2024

Signature: 

Head of Department Name:

Asst. Prof. Dr. Wail Asim Mohammad

Date: 23/3/2024

Signature: 

Scientific Associate Name:

Dr. 

Date:

عميد كلية الهندسة

The file is checked by:

Department of Quality Assurance and University Performance

Director of the Quality Assurance and University Performance Department:

Date:

Asst. Lect. W alaa. Nasser. Abbas

15/4/2024

Signature:



  
Approval of the Dean

✓ **Program Vision**

Achieving excellence locally and globally, scientific sobriety, meeting the needs and solving community problems.

✓ **Program Mission**

1. Achieving scientific sobriety
2. Developing the means and methods of teaching and learning
3. Excellence in the fields of scientific research

✓ **Program Objectives**

1. graduate highly qualified engineers in accordance with the internationally approved standards and qualified engineers who are able to meet the requirements of the labor market.

2. Consolidating high values of belonging to the homeland and society through continuous awareness and linking them with the duties of the civil engineer towards society.

3. Activating sustainable development programs by enhancing communication with the community, diagnosing community problems and how to address them.

4. Improving the civil engineering department through noble research

5. Providing a continuous education process through training courses and workshops.

✓ **Program Accreditation**

Not yet. Now the department is working on that.

✓ **Other external influences**

No.

✓ **Program Structure**

Program Structure	Number of Courses	Credit hours	Percentage	Reviews*
Institution Requirements				
College Requirements				
Department Requirements	48	240		Bologna program
Summer Training	2	pass		
Other				

\* This can include notes whether the course is basic or optional.

✓ **Program Description**

Year/Level	Course Code	Course Name	Credit Hours	
			theoretical	practical
المرحلة الاولى (الكورس الاول)	UoW011	Academic English I		
	UoW012	Human Rights and Democracy	4	2
	ENG013	Mathematics I	2	4
	ENG014	Engineering Drawing		3
	ENG015	Physics and Workshop	2	3
	ENG016	Construction Materials	2	2
	UoW021	Arabic	2	1
	UoW022	Computer Science		2

First Year (Second Semester)	UoW021	Arabic	2	1
	UoW022	Computer Science		2
	UoW023	Mathematics II		3
	CIV024	Engineering Mechanics	2	2
	CIV025	Applications of Statistics in Civil Engineering		4
	CIV026	Engineering Geology	2	2
Second Year (First Semester)	WCV-21-01	Engineering Surveying I	2	3
	WCV-21-02	Concrete Technology I	2	2
	WCV-21-03	Fluid Mechanic I	2	1
	WCV-21-04	Strength of Materials I		2
	WCV-21-05	Mathematics III		3
	WCV-21-06	Building Constriction I	2	2
	WCV-21-07	Programming III		4
	WCV-22-01	Engineering Surveying I I		4
Second Year (Second Semester)	WCV-22-02	Concrete Technology II	2	1
	WCV-22-03	Fluid Mechanic II		3
	WCV-22-04	Strength of Materials II	2	3
	WCV-22-05	Mathematics Iv	1	2
	WCV-22-06	Building Constriction II		3
	WCV-22-07	Programming Iv	3	1
	WCV-22-08	English Language III		3
Third Year (First Semester)	WCV-31-01	Reinforced Concrete I	2	2
	WCV-31-02	Soil Mechanics I	2	2
	WCV-31-03	Traffic Engineering I	2	2
	WCV-31-04	Theory of Structures I	2	2
	WCV-31-05	Irrigation and Drainage Engineering I	2	2
	WCV-31-06	Engineering And Numerical Analysis I	2	2
	WCV-31-07	Construction Management	2	2
Third Year (Second Semester)	WCV-31-01	Reinforced Concrete II	2	1
	WCV-31-02	Soil Mechanics II	4	2
	WCV-31-03	Traffic Engineering II	2	4
	WCV-31-04	Theory of Structures II		3
	WCV-31-05	Irrigation and Drainage Networks	2	3

Teaching and learning strategies and methods adopted in the implementation of the program in general.

✓ **Evaluation methods**

Implemented at all stages of the program in general.

✓ **Faculty**

**Faculty Members**

Academic Rank	Specialization		Special Requirements/Skills (if applicable)		Number of the teaching staff	
	General	Special			Staff	Lecturer
1-Asst. Prof. Dr. Wail Asim Mohammad	Civil Engineering	Structures			✓	
2- Asst. Prof. Dr. Anmar Faleh Dekan	Civil Engineering	Highway Engineering				✓
3- Dr. Qasim Ali Hussain	Civil Engineering	Structures			✓	
4- Dr. Mustafa Naeem Kareem	Civil Engineering	Geotechnical				✓
5- Dr. Waleed Khalil Nail	Civil Engineering	Structures				✓
6- Dr. Israa Hassan Nail	Civil Engineering	Structures				✓
7- Dr. Hadeel Chalooob	Civil Engineering	Geotechnical				✓
8- Dr. Salam Razak Jasim	Civil Engineering	Structures				✓

9- Lect. Yasir Neama Kadhim	Civil Engineering	Highway Engineering			✓	
10- Asst. Lec. Mohammad Ali Aziz	Civil Engineering	Structures			✓	
11- Asst. Lec. Ghadeer Haitham Hasan	Civil Engineering	Structures			✓	
12- Asst. Lec. Bashar Hashim Abd Hussain	Civil Engineering	Geotechnical			✓	
13- Asst. Lec. Dr. Mustafa Salah Shaker	Civil Engineering	Structures			✓	
14- Asst. Lec. Maher Khadir Abass	Civil Engineering	Structures			✓	
13- Asst. Lec. Saja Ali Obaid	Civil Engineering	Water resources			✓	
14- Asst. Lec. Ghaidaa Najam Hanish	Civil Engineering	Water resources			✓	
15- Asst. Lec. Doaa Falah Rassol	Civil Engineering	Highway Engineering			✓	
16- Asst. Lec. Farah Toama	Civil Engineering	Environmental Engineering			✓	
17- Asst. Lec. Fatima Asaad Mahdi	Civil Engineering	Water resources			✓	
18- Asst. Lec. Tabarak Hussain Abood	Civil Engineering	Structures			✓	
19- Asst. Lec. Huda Mohammad Hussain	Civil Engineering	Infrastructure			✓	
20- Asst. Lec. Ali Maki Mohammad	Civil Engineering	Water resources				✓

21- Asst. Lec. Safaa Sabri Mohammad	Civil Engineering	Infrastructure				✓
22- Asst. Lec. Saif Ali Hassan	Civil Engineering	Infrastructure				✓
23- Asst. Lec. Basil Abass Hassan	Civil Engineering	Structures				✓
24- Asst. Lec. Abd Al Rasool Thamer	Civil Engineering	Infrastructure				✓
25- Asst. Lec. Gahzi Jalal Kuashish	Civil Engineering	Highway Engineering				✓
26- Asst. Lec. Abd Allah Naser Jawad	Civil Engineering	Structures			✓	
27- Asst. Lec. Muhammad Dheyaa Mahdi	Law	Law				✓

<b>Professional Development</b>
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<b>Mentoring new faculty members</b>
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Briefly describes the process used to mentor new, visiting, full-time, and part-time faculty at the institution and department level.
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<b>Professional development of faculty members</b>
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Briefly describe the academic and professional development plan and arrangements for faculty such as teaching and learning strategies, assessment of learning outcomes, professional development, etc.
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<b>✓ Acceptance Criterion</b>
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<b>(Setting regulations related to enrollment in the college or institute, whether central admission or others)</b>
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<b>✓ The most important sources of information about the program</b>
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State briefly the sources of information about the program.
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<b>✓ Program Development Plan</b>
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Program Skills Outline																	
Year/Level	Course Code	Course Name	Basic or optional	Required program Learning outcomes													
				Knowledge				Skills				Ethics					
				A1	A2	A3	A4	B1	B2	B3	B4	C1	C2	C3	C4		
<b>FIRST YEAR</b>	Academic English I	UoW011		√	√	√	√	√	√	√	√	√	√	√	√	√	√
	Human Rights and Democracy	UoW012		√	√	√	√	√	√	√	√	√	√	√	√	√	√
	Mathematics I	ENG013		√	√	√	√	√	√	√	√	√	√	√	√	√	√
	Engineering Drawing	ENG014		√	√	√	√	√	√	√	√	√	√	√	√	√	√
	Physics and Workshop	ENG015		√	√	√	√	√	√	√	√	√	√	√	√	√	√
	Construction Materials	ENG016		√	√	√	√	√	√	√	√	√	√	√	√	√	√
	Arabic	UoW021															
	Computer Science	UoW022															
	Mathematics II	UoW023			√	√	√	√	√	√	√	√	√	√	√	√	√
	Engineering Mechanics	CIV024			√	√	√	√	√	√	√	√	√	√	√	√	√

Applications of Statistics in Civil Engineering		CIV025																											
<b>SECOND YEAR</b>	Engineering Geology	CIV026						✓																					
	Engineering Surveying. I	WCV-21-01						✓																					
	Concrete Technology I	WCV-21-02						✓														✓							
	Fluid Mechanics I	WCV-21-03						✓																					
	Strength of Materials I	WCV-21-04						✓														✓							
	Mathematics III	WCV-21-05						✓																					
	Building Construction I	WCV-21-06						✓																					
	Programming III	WCV-21-07						✓																					
	Concrete Technology II	WCV-22-01						✓																					
	Fluid Mechanics II	WCV-22-02						✓																					
	Strength of Materials II	WCV-22-03						✓																					
	Mathematics IV	WCV-22-04						✓																					
	Building Construction II	WCV-22-05						✓																					

	Programming Iv	WCV-22-06																		✓		✓
	English Language III	WCV-22-07																				✓
	Reinforced Concrete I	WCV-31-01																				✓
	Soil Mechanics I	WCV-31-02	✓																			✓
	Traffic Engineering I	WCV-31-03	✓																			✓
	Theory of Structures I	WCV-31-04	✓																			✓
	Irrigation and Drainage Engineering I	WCV-31-05	✓																			✓
	Engineering And Numerical Analysis I	WCV-31-06	✓																			✓
	Construction Management	WCV-31-07	✓																			✓
	Construction Management	WCV-31-01	✓																			✓
	Reinforced Concrete II	WCV-31-02	✓																			✓
	Soil Mechanics II	WCV-31-03	✓																			✓
	Traffic Engineering II	WCV-31-04																				✓
	Theory of Structures II	WCV-31-05	✓																			✓
<b>THIRD YEAR</b>																						



ENGINEERING PROJECT I	WCV-41-01	✓											✓				✓		✓
Foundation Engineering II	WCV-41-02	✓		✓						✓			✓				✓		✓
Sanitary & Environmental Engineering II	WCV-41-03	✓								✓			✓				✓		✓
Transportation Engineering II	WCV-41-04	✓			✓								✓				✓		✓
Design of steel structures II	WCV-41-05					✓							✓						
Engineering Hydrology II	WCV-41-01	✓				✓							✓				✓		✓
Reinforced Concrete IV	WCV-41-02	✓				✓							✓				✓		✓
Hydraulic Structures II	WCV-41-03																		
Construction Methods and Quantity Surveying II	WCV-41-04																		
Engineering Project II	WCV-41-05																		

- Please tick the boxes corresponding to the individual program learning outcomes under evaluation

