



**Dhofar University**

**College of Engineering**

**Department of Civil and Environmental  
Engineering**

**Diploma in Civil Engineering  
Plan of Study**

**September 2025**



# Diploma Study Plan



## 1- Program Statistics by Course Category

Course Category	No. of Courses	Credit Hours	Percentage of Total Credit Hours
University Requirements	6	18	24%
College Requirements	8	18	24%
Program Core Requirements	17	39	52%
<b>Total</b>	<b>31</b>	<b>75</b>	<b>100%</b>

## 2- Classification of Requirements

### 2.1 University Requirements

Course Code	Course Title	Credit Hours	Prerequisite	Co-requisite
ENGL 101	Basic Academic English	3	FPE 103C	
ENGL 102E	English for Engineering and Sciences I	3	ENGL 101	
ENGL 203E	English for Engineering and Sciences II	3	ENGL 102E / ENGL 102C	
ENTR 200	Entrepreneurship: Innovation and Creativity	3	ENGL 203E	
MATH 199	Calculus I	3	FPE 103C + FPM 101A + FPM 102B	
SOCS 102	Omani Society	3	FPE 103C + FPEL 100	
<b>Total Credits</b>		<b>18</b>		

### 2.2 College Requirements

Course Code	Course Title	Credit Hours	Prerequisite	Co-requisite
CIVE 299	Practical Training	0		
ENGR 100	Introduction to Engineering	3	< FPE 103C + < FPM 102B + < FPT 102B	
ENGR 105	Engineering Graphics	2	< FPE 103C	ENGR 210
ENGR 110	Engineering Workshop	1	< FPE 103C + < FPM 101A + < FPM 102B	
MATH 200	Calculus II	3	< MATH 199	
MATH 205	Calculus III	3	< MATH 200	

MATH 250E	Probability and Statistics	3	<= MATH 200	MATH 250; STAT 250
PHYS 170	Fundamentals of Physics I	3	<= MATH 199 /< MATH 103	PHY Y101
<b>Total Credits</b>		<b>18</b>		

### 2.3 Program Major (Compulsory) Requirements

Course Code	Course Title	Credit Hours	Prerequisite	Co-requisite
CHEM 140	Chemistry I	3	< FPE 103C + < FPM 102B + < FPT 102B	CHEM 130
CHEM 140L	Introductory Chemistry Laboratory	1	<= CHEM 140	CHEM 130L
CIVE 210	Statics	3	< PHYS 170 + < ENGR 100 + < MATH 199	
CIVE 213	Strength of Materials	3	< CIVE 210	MECH 276
CIVE 215	Engineering Geology	3	< PHYS 170 + < ENGR 100	
CIVE 221	Construction Materials	3	< CIVE 213	
CIVE 221L	Construction Materials Laboratory	1	<= CIVE 221	
CIVE 230	Geotechnical Engineering	3	< CIVE 213	
CIVE 230L	Geotechnical Engineering Laboratory	1	<= CIVE 230	
CIVE 241	Fluid Mechanics	3	< MATH 200 + < CIVE 210	
CIVE 250	Structural Analysis I	3	< CIVE 210	CIVE 310
CIVE 250L	Structural Analysis Laboratory	1	<= CIVE 250	
CIVE 265	Surveying and GPS	3	< MATH 200	
CIVE 265L	Surveying and GPS Laboratory	1	<= CIVE 265	
CIVE 361	Transportation Engineering	3	< CIVE 265	CIVE 360
PHYS 170L	Introductory Physics Laboratory	1	<= PHYS 170	
PHYS 210	Fundamentals of Physics II	3	< PHYS 170 / <= MATH 200	
<b>Total Credits</b>		<b>39</b>		

### 3- Study Plan

Year 1				
Course Code	Course Title	Credit Hours	Prerequisite/Co-requisite	University/College/Major/Elective requirements
<i>Fall</i>				
ENGL 101	Basic Academic English	3	< FPE 103C	U
ENGR 100	Introduction to Engineering	3	< FPE 103C + < FPM 102B + < FPT 102B	C
ENGR 105	Engineering Graphics	2	< FPE 103C	C
ENGR 110	Engineering Workshop	1	< FPE 103C + < FPM 101A + < FPM 102B	C
MATH 199	Calculus I	3	< FPE 103C + < FPM 101A + < FPM 102B	U
PHYS 170	Fundamentals of Physics I	3	<= MATH 199 / < MATH 103	C
PHYS 170L	Introductory Physics Laboratory	1	<= PHYS 170	M
<b>Total Credits</b>		<b>17</b>		
<i>Spring</i>				
CHEM 140	Chemistry I	3	< FPE 103C + < FPM 102B + < FPT 102B	M
CHEM 140L	Introductory Chemistry Laboratory	1	<= CHEM 140	M
CIVE 210	Statics	3	< PHYS 170 + < ENGR 100 + < MATH 199	M
ENGL 102E	English for Engineering and Sciences I	3	< ENGL 101	U
MATH 200	Calculus II	3	< MATH 199	C
SOCS 102	Omani Society	3	< FPE 103C + < FPEL 100	U
<b>Total Credits</b>		<b>16</b>		
<i>Summer</i>				
ENGL 203E	English for Engineering and Sciences II	3	< ENGL 102E / < ENGL 102C	U
MATH 205	Calculus III	3	< MATH 200	C

MATH 250E	Probability and Statistics	3	<= MATH 200	C
<b>Total Credits</b>		<b>9</b>		

Year 2				
Course Code	Course Title	Credit Hours	Prerequisite/Co-requisite	University/College/Major/Elective requirements
<i>Fall</i>				
CIVE 213	Strength of Materials	3	< CIVE 210	M
CIVE 215	Engineering Geology	3	< PHYS 170 + < ENGR 100	M
CIVE 265	Surveying and GPS	3	< MATH 200	M
CIVE 265L	Surveying and GPS Laboratory	1	<= CIVE 265	M
ENTR 200	Entrepreneurship: Innovation and Creativity	3	< ENGL 203E	U
PHYS 210	Fundamentals of Physics II	3	< PHYS 170 / <= MATH 200	M
<b>Total Credits</b>		<b>16</b>		
<i>Spring</i>				
CIVE 221	Construction Materials	3	< CIVE 213	M
CIVE 221L	Construction Materials Laboratory	1	<= CIVE 221	M
CIVE 230	Geotechnical Engineering	3	< CIVE 213	M
CIVE 230L	Geotechnical Engineering Laboratory	1	<= CIVE 230	M
CIVE 241	Fluid Mechanics	3	< MATH 200 + < CIVE 210	M
CIVE 250	Structural Analysis I	3	< CIVE 210	M
CIVE 250L	Structural Analysis Laboratory	1	<= CIVE 250	M
CIVE 361	Transportation Engineering	3	< CIVE 265	M
<b>Total Credits</b>		<b>18</b>		
<i>Summer</i>				
CIVE 299	Practical Training	0		M
<b>Total Credits</b>		<b>0</b>		C

Total 75

