



Appendix No. 1

List of courses and course curricula

All courses will be taught in English language

Teaching by Palacký University staff will be conducted in 3-week blocks, each consisting of 15 teaching days and 4 to 4,5 hours per day. There will be three-and-half such blocks, each for each course.

Teaching by Cihan University can be conducted on continuous basis from 15th November, 2024 to 30th April, 2025

Palacký University Olomouc

- Chemistry, 60 hours, 6 credits, [REDACTED]
- Computer skills, 60 hours, 6 credits, [REDACTED]
- General English 2, 80 hours, 8 credits, [REDACTED]
- Academic Writing, 80 hours, 8 credits, [REDACTED]
- Technical English, 80 hours, 8 credits., [REDACTED]
[REDACTED]

Cihan University – Sulaimaniya

- General English 1, 80 hours, 8 credits, [REDACTED]
- Mathematics, 60 hours, 6 credits, [REDACTED]
- Physics, 60 hours, 6 credits, [REDACTED]
- Kurdology, 40 hours, 4 credits, [REDACTED]



Course Characteristics

Name of Course	General English 1			
Type of Course	Compulsory Course	Recommended Year/Term	1/W	
Extent of Course	70 L + 10 E	Hours	80	Credits
Pre-requisites, Co-requisites, Equivalence				
Study Results Examination Method	Exam and report	Form of tuition	Lecture, exercise and report	
Study Results Examination Form and Other Requirements	Exam, report and presentation			
Course Guarantor				
Involvement of the Guarantor in Lecturing				
Lecturer				
Brief Course Annotation	<p>The aims of the course are:</p> <ol style="list-style-type: none"> 1- Develop fluency in spoken and written English for everyday communication. 2- Improve reading comprehension of general texts. 3- Enhance listening skills through various audio materials and exercises. 4- Build a strong foundation in English grammar and vocabulary. 5- Prepare students for academic English usage in future courses. 6- Strengthen writing skills through practice in various forms of written communication (e.g., emails, reports, essays). <p>The following topics will be covered:</p> <ul style="list-style-type: none"> • Introduction to Basic English Communication • Everyday Vocabulary and Grammar • Developing Listening Skills • Reading Comprehension • English Grammar Development • Speaking Fluency Development 			
Literature and Equipment needed	<ul style="list-style-type: none"> • Murphy, R., 2019. English grammar in use. • McCarthy, M. and O'DeH, F., 2016. English Vocabulary in Use. Upper-Intermediate & Advanced/M. 			
Information About Part-Time or Distance Study Form				
Extent of consultations (Workshops)	4 hours/week	Hours		
Information About Contacting the Lecturer				
Lecturer can be contacted by E-mail.				



Course Characteristics

Name of Course	Physics			
Type of Course	Compulsory Course	Recommended Year/Term	1/W	
Extent of Course	40 L + 20 E	Hours	60	Credits 6
Pre-requisites, Co-requisites, Equivalence				
Study Results Examination Method	Exam	Form of tuition	Lecture	and exercise
Study Results Examination Form and Other Requirements	Exam			
Course Guarantor				
Involvement of the Guarantor in Lecturing				
Lecturer				
Brief Course Annotation	<p>The main objective of this course is to Equip students with a solid understanding of fundamental physics principles. Also, develop skills for applying physics to solve engineering problems, particularly in petroleum engineering.</p> <p>The following topics will be covered:</p> <ul style="list-style-type: none"> • Introduction to Mechanics • Rotational Motion and Statics • Fluid Mechanics • Thermodynamics • Waves and Sound • Electricity and Magnetism • Modern Physics 			
Literature and Equipment needed	<ul style="list-style-type: none"> • Walker, J., 2014. Fundamentals of Physics 10th Edition. • Tipler, P.A. and Mosca, G., 2007. Physics for scientists and engineers. Macmillan. 			
Information About Part-Time or Distance Study Form				
Extent of consultations (Workshops)	4 hours/week	Hours		
Information About Contacting the Lecturer				
Lecturer can be contacted by E-mail.				



Course Characteristics

Name of Course	Mathematics		
Type of Course	Compulsory Course	Recommended Year/Term	1/W
Extent of Course	60 L	Hours	60
Pre-requisites, Co-requisites, Equivalence		Credits	6
Study Results Examination Method	Exam	Form of tuition	Lecture and exercise
Study Results Examination Form and Other Requirements	Exam		
Course Guarantor			
Involvement of the Guarantor in Lecturing			
Lecturer			
Brief Course Annotation	<p>The main objective of this course is to Provide students with mathematical tools required for understanding and solving engineering problems.</p> <p>The following topics will be covered:</p> <ul style="list-style-type: none"> • Algebra and Functions • Linear Algebra • Trigonometry • Calculus I – Differentiation • Calculus II – Integration • Differential Equations • Geometry and Coordinate Systems • Statistics and Probability • Complex Numbers • Introduction to Numerical Methods 		
Literature and Equipment needed	<ul style="list-style-type: none"> • Kreyszig, E., 2007. Advanced Engineering Mathematics 9th Edition with Wiley Plus Set (Vol. 334). US: John Wiley & Sons. • James, G., 2008. Modern engineering mathematics. Pearson Education. • HASS, J., 2014. JoelHass, Christopher Heil & Maurice D. Weir Thomas' Calculus (14_e) Pearson (2018) ISBN 0134438981. pdf. 		
Information About Part-Time or Distance Study Form			
Extent of consultations (Workshops)	4 hours/week	Hours	
Information About Contacting the Lecturer			
Lecturer can be contacted by E-mail.			



Course Characteristics

Name of Course	Kurdology			
Type of Course	Compulsory Course	Recommended Year/Term	1/W	
Extent of Course	40 L	Hours	40	Credits 4
Pre-requisites, Co-requisites, Equivalence				
Study Results Examination Method	Exam		Form of tuition	Lectures
Study Results Examination Form and Other Requirements	Exam			
Course Guarantor				
Involvement of the Guarantor in Lecturing				
Lecturer				
Brief Course Annotation	<p>The main objective of this course is to provide students with a comprehensive understanding of the history, culture, language, and politics of the Kurdish people.</p> <p>The following topics will be covered:</p> <ul style="list-style-type: none"> • Introduction to Kurdology • Geography of Kurdistan • History of the Kurdish People • Kurdish Language and Literature • Kurdish Culture and Traditions • Kurdish Identity and Nationalism • Future of Kurdistan 			
Literature and Equipment needed	•			
Information About Part-Time or Distance Study Form				
Extent of consultations (Workshops)	4 hours/week	Hours		
Information About Contacting the Lecturer				
Lecturer can be contacted by E-mail.				



Course Characteristics

Name of Course	General English 2			
Type of Course	Compulsory Course	Recommended Year/Term	1/2	
Extent of Course	65 L + 15 E	Hours	80	Credits 8
Pre-requisites, Co-requisites, Equivalence				
Study Results Examination Method	Exam and report	Form of tuition	Lecture, exercise and report	
Study Results Examination Form and Other Requirements	Exam, report and presentation			
Course Guarantor				
Involvement of the Guarantor in Lecturing				
Lecturer				
Brief Course Annotation	<p>The course objectives are:</p> <ul style="list-style-type: none"> 7- Develop advanced communication skills for both academic and professional settings. 8- Strengthen comprehension of complex written texts. 9- Enhance fluency in speaking through discussion and presentation skills. 10- Master advanced grammar structures and vocabulary. 11- Build the ability to write more sophisticated texts, including essays, reports, and summaries. 12- Prepare students for technical and academic English related to their field of study. <p>The following topics will be covered:</p> <ul style="list-style-type: none"> • Review of Intermediate Grammar and Vocabulary • Advanced Grammar • Listening Comprehension • Speaking Skill • Advanced Vocabulary Building • Critical Reading and Analytical Skills • Final Review and Assessment 			
Literature and Equipment needed	<ul style="list-style-type: none"> • Hewings, M., 2013. Advanced grammar in use with answers: A self-study reference and practice book for advanced learners of English. Cambridge University Press. • McCarthy, M., 2008. Felicity O' Dell. Academic Vocabulary in Use. CUP. 			
Information About Part-Time or Distance Study Form				
Extent of consultations (Workshops)	4 hours/week	Hours		
Information About Contacting the Lecturer				
Lecturer can be contacted by E-mail.				



Course Characteristics

Name of Course	Technical English		
Type of Course	Compulsory Course	Recommended Year/Term	1/S
Extent of Course	40 L + 40E	Hours	80
Pre-requisites, Co-requisites, Equivalence			
Study Results Examination Method	Exam and report	Form of tuition	Lecture, exercise and report
Study Results Examination Form and Other Requirements	Exam, report and presentation		
Course Guarantor			
Involvement of the Guarantor in Lecturing			
Lecturer			
Brief Course Annotation	<p>The following topics will be covered:</p> <ul style="list-style-type: none"> • Introduction to Technical English • Basic Technical Vocabulary for Petroleum Engineering • Reading Comprehension of Technical Documents • Writing Technical Reports • Listening and Note-Taking Skills • Oral Presentation Skills in Engineering • Grammar and Style in Technical Writing • Case Studies and Real-World Applications 		
Literature and Equipment needed	<ul style="list-style-type: none"> • Kulsiriswad, S., 1986. English for Science and Technology: A Discourse Approach. PASAA, 16(1), pp.51-53. • Finkelstein, L., 2007. Pocket Book of Technical Writing for Engineers & Scientists. McGraw-Hill, Inc.. • Ibbotson, M., 2008. Cambridge English for engineering. 		
Information About Part-Time or Distance Study Form			
Extent of consultations (Workshops)	4 hours/week	Hours	
Information About Contacting the Lecturer			
Lecturer can be contacted by E-mail.			



Course Characteristics				
Name of Course	Academic writing			
Type of Course	Compulsory Course	Recommended Year/Term	1/S	
Extent of Course	30 L + 50 E	Hours	80	Credits 8
Pre-requisites, Co-requisites, Equivalence				
Study Results Examination Method	Report	Form of tuition	Lecture, exercise and report	
Study Results Examination Form and Other Requirements	Report			
Course Guarantor				
Involvement of the Guarantor in Lecturing				
Lecturer				
Brief Course Annotation	<p>The following topics will be covered:</p> <ul style="list-style-type: none"> • Introduction to Academic Writing and Its Key Distinctions • Basics of Academic Writing: Understanding Structure and Purpose • Integrating Data and Visuals in Academic Texts: Tables, Graphs, and Figures • Developing Strong Topic Sentences and Paragraph Structure • Understanding and Avoiding Plagiarism in Academic Work • How to Properly Cite Sources: Introduction to APA/MLA/Chicago Styles • Summarizing, Paraphrasing, and Quoting: Integrating Sources • Basic Research Skills: Finding and Evaluating Sources 			
Literature and Equipment needed	<ul style="list-style-type: none"> • Bailey, S. (2018). Academic Writing: A Handbook for International Students (5th ed.). Routledge. • Germano, W. (2021). From Ideas to Arguments: Writing a Research Paper That Makes a Difference. University of Chicago Press. • Swales, J. M., & Feak, C. B. (2012). Academic Writing for Graduate Students: Essential Tasks and Skills (3rd ed.). University of Michigan Press. 			
Information About Part-Time or Distance Study Form				
Extent of consultations (Workshops)	4 hours/week	Hours		
Information About Contacting the Lecturer				
Lecturer can be contacted by E-mail.				



Course Characteristics

Name of Course	Computer Skills and Software				
Type of Course	Compulsory Course	Recommended Year/Term	1/S		
Extent of Course	30 L + 30 E	Hours	60	Credits	6
Pre-requisites, Co-requisites, Equivalence					
Study Results Examination Method	Exam and report		Form of tuition	Lecture, exercise and report	
Study Results Examination Form and Other Requirements	Exam and report				
Course Guarantor					
Involvement of the Guarantor in Lecturing					
Lecturer					
Brief Course Annotation	<p>The following topics will be covered:</p> <ul style="list-style-type: none"> • Introduction to Computers and Operating Systems • Microsoft Office • Introduction to Engineering Software • Data Analysis and Visualization Tools • Internet Skills and Online Research Tools • Introduction to Reservoir Simulation Software • Project and Research Management Tools • Introduction to GIS 				
Literature and Equipment needed	<ul style="list-style-type: none"> • Foulkes, L., 2020. Learn Microsoft Office 2019: A Comprehensive Guide to Getting Started with Word, PowerPoint, Excel, Access, and Outlook. Packt Publishing Ltd. • Ascher, D. and Lutz, M., 1999. Learning Python. O'Reilly. • Paul, B., 2002. GIS fundamentals: a first text on geographic information systems. 				
Information About Part-Time or Distance Study Form					
Extent of consultations (Workshops)	4 hours/week	Hours			
Information About Contacting the Lecturer					
Lecturer can be contacted by E-mail.					



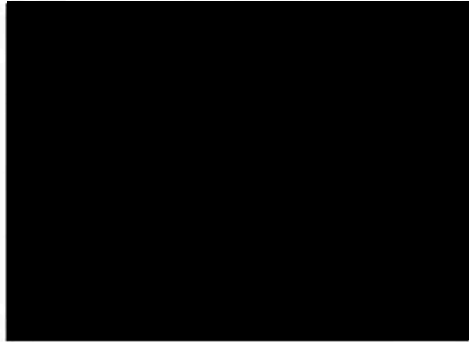
Course Characteristics				
Name of Course	Chemistry			
Type of Course	Compulsory Course	Recommended Year/Term	1/S	
Extent of Course	40 L + 20 E	Hours	60	Credits
Pre-requisites, Co-requisites, Equivalence				
Study Results Examination Method	Exam and report	Form of tuition	Lecture, exercise and report	
Study Results Examination Form and Other Requirements	Exam and report			
Course Guarantor				
Involvement of the Guarantor in Lecturing				
Lecturer				
Brief Course Annotation	<p>The following topics will be covered:</p> <ul style="list-style-type: none"> • Basic Concepts in Chemistry • Stoichiometry • Thermodynamics • Chemical Kinetics • Acids, Bases, and Salts • Organic Chemistry Introduction • Petroleum Chemistry • Environmental Chemistry 			
Literature and Equipment needed	<ul style="list-style-type: none"> • Brown, T.L., 2009. Chemistry: The Central Science. Pearson Education. • Matar, S. and Hatch, L.F., 2001. Chemistry of petrochemical processes. Elsevier. • Petrucci, R.H., 1993. General chemistry: principles and modern applications. 			
Information About Part-Time or Distance Study Form				
Extent of consultations (Workshops)	4 hours/week	Hours		
Information About Contacting the Lecturer				
Lecturer can be contacted by E-mail.				



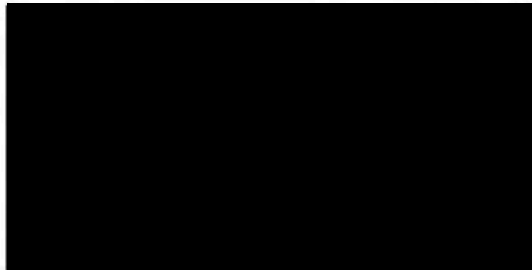
Appendix No. 2

List of teachers

Palacký University Olomouc



Cihan University – Sulaimaniya





Appendix No. 3

List of rooms and equipment

Kurdistan Region/ Iraq

Cihan University – Sulaimaniya

Directory of Administration

Inventory List (Office Equipment List) College and Departments

Room: Lecturer room

Building: C Floor: 2

Items (Goods)	Quantity	Note
Tea table	1	
Swivel chair	3	
Mini Trash Can	4	
Office wardrobe cabinet	3	One large Office Wardrobe Cabinet, two small beiges Office Wardrobe Cabinet
Small table	1	
Split air conditioner	2	
3-Seater fixed Sofas	1	
Zebra curtain	2	
Pedestal fan	2	
Wall hanging mirror	1	
Clothes box	1	
Large refrigerator freezer	1	
Office desk	5	
Office Desk with Drawers	3	
First Aid Fund	1	