



UNIVERSIDAD DE COLIMA

## International Affairs and Academic Cooperation Office

### List of Courses Taught in English and French [ 2022 ]

- 75 courses taught in English and French in 10 Educational Programs:
  - B.Sc. in Physics
  - B.Sc. in Mathematics
  - B.Sc. in Telematics
  - Food Chemical Engineer
  - B.A. in Language Teaching
  - Finance
  - B.Sc. Biology
  - Administration
  - Metallurgical Chemical Engineer
  - Tourism Management
  - B.A. in Marketing
  - B.A. Advertising and Public Relation
  
- 8 courses taught in French in one Educational Program: B.A. in Language Teaching.
  
- Total of Educational Programs (English-based only):
  - B.Sc. in International Business
  
- Total of Undergraduate Bilingual Programs:
  - Bachillerato Técnico 33

Faculty of Biological and Agricultural Sciences				
Bachelor	Semester Information	Course Name	Professor	Prerequisite
B.Sc. in Biology	Spring Semester			
	(2 <sup>nd</sup> )	Cellular and molecular biology	Juan Carlos Sánchez Rangel	Chemical and general biology
	Fall Semester			
	(5 <sup>th</sup> )	Biotechnology	Juan Carlos Sánchez Rangel	Cellular and molecular biology



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Faculty of Chemical Sciences				
Bachelor	Semester Information	Course Name	Professor	Prerequisite
B.Sc. in Metallurgical Chemical Engineer	Spring Semester			
	(6 <sup>th</sup> )	Waste treatment	Oscar Fernando Vázquez Vuelvas (oscar_vazquez@ucol.mx)	Chemistry

Faculty of Chemical Sciences				
Bachelor	Semester Information	Course Name	Professor	Prerequisite
B.Sc. in Food Chemical Engineer	Spring Semester			
	(2 <sup>nd</sup> )	Thermodynamics	Kayim Pineda Urbina	Physics
	Fall Semester			
	(1 <sup>st</sup> )	General Physics	Kayim Pineda Urbina	Mathematics

Faculty of Economics				
Bachelor	Semester Information	Course Name	Professor	Prerequisite
B.Sc. in Finance	Spring Semester			
	(6 <sup>th</sup> )	Specialized technical English I	Miguel Ángel Tinoco Zermeño	Optative
	(8 <sup>th</sup> )	Preparation of scientific articles and reports in English	Miguel Ángel Tinoco Zermeño	Optative



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Fall Semester				
	(5 <sup>th</sup> )	Technical English I	Miguel Ángel Tinoco Zermeño	Optative
	(7 <sup>th</sup> )	Analysis and interpretation of financial statements in English	Miguel Ángel Tinoco Zermeño	Optative

Faculty of Accounting and Administration - Colima				
Bachelor	Semester Information	Course Name	Professor	Prerequisite
B.Sc. in Administration	Spring Semester			
	(4 <sup>th</sup> )	Strategic Management	Sergio Felipe López Jiménez (slopezj@ucol.mx)	None

Faculty of Tourism and Gastronomy				
Bachelor	Semester Information	Course Name	Professor	Prerequisite
B.Sc. in Tourism Management	Spring Semester			
	(1 <sup>st</sup> )	World Tourist Heritage	Graciela Torre Sánchez (graciela_torre@ucol.mx)	English B1
	(3 <sup>rd</sup> )	Travel Services	Juan Carlos Benavides Araiza (jbenavides@ucol.mx)	English B1
	(5 <sup>th</sup> )	Marketing applied to Tourism	Martha Sánchez Vilchis (martha_vilchis@ucol.mx)	English B1
	Fall Semester			
	(8 <sup>th</sup> )	Tourism destination management	Juan Carlos Benavides Araiza (jbenavides@ucol.mx)	English B1
	(2 <sup>nd</sup> )	National Tourist Heritage	Graciela Torres Sánchez (graciela_torre@ucol.mx)	English B1
(6 <sup>th</sup> )	Tourism promotion	Martha Sánchez Vilchis (martha_vilchis@ucol.mx)	English B1	



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Faculty of Telematics				
Bachelor	Semester Information	Course Name	Professor	Prerequisite
B.Sc. in Telematics	Spring Semester			
	(4 <sup>th</sup> )	Management of Social Networks	Arturo García	None
	(6 <sup>th</sup> )	Design and Evaluation of user interfaces	Silvia Berenice Fajardo Flores	None
	(6 <sup>th</sup> )	Big Data and Data Mining	Arturo García Nevares	None

Faculty of Sciences				
Bachelor	Semester Information	Course Name	Professor	Prerequisite
B.Sc. in Mathematics	Spring Semester			
	(6 <sup>th</sup> / 8 <sup>th</sup> )	Complex Analysis	Isaac Hasse	Real Analysis
	(6 <sup>th</sup> / 8 <sup>th</sup> )	Mathematical Models	Roberto Sáenz	Ordinary Differential Equations
	(6 <sup>th</sup> / 8 <sup>th</sup> )	Partial Differential Equations	Ricardo Sáenz	Ordinary Differential Equations
	(6 <sup>th</sup> / 8 <sup>th</sup> )	Differential Geometry	Andrés Pedroza	Multivariable Calculus
	(6 <sup>th</sup> / 8 <sup>th</sup> )	Analytical Number Theory	Carlos Castaño	Commutative Algebra
(6 <sup>th</sup> / 8 <sup>th</sup> )	Topics in Applied Mathematics	Luis Garza	Mathematical Models	



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Faculty of Sciences				
Bachelor	Semester Information	Course Name	Professor	Prerequisite
B.Sc. in Physics	<b>Spring Semester</b>			
	(6 <sup>th</sup> )	Quantum Mechanics II	Paolo Amore	Quantum Mechanics I
	(6 <sup>th</sup> )	Statistical Mechanics	Sujoy Modak	Modern Physics
	(6 <sup>th</sup> )	Solid State Physics	Christoph Hofmann	Modern Physics
	(8 <sup>th</sup> )	Thesis Seminar II	Alfredo Aranda	Thesis Seminar I
	<b>Fall Semester</b>			
	(5 <sup>th</sup> )	Quantum Mechanics I	NA	
	(5 <sup>th</sup> )	Mathematical Methods for Physicists	NA	
	(5 <sup>th</sup> )	Computational Physicists	NA	
	(5 <sup>th</sup> )	Preparation for Graduate Studies	NA	
(7 <sup>th</sup> )	Thesis Seminar I	NA		

Faculty of Foreign Languages				
Bachelor	Semester Information	Course Name	Professor	Prerequisite
B.A. in Language Teaching	<b>Spring Semester</b>			
	(2 <sup>nd</sup> )	Learning Theories		B1 CEFR English
	(4 <sup>th</sup> )	Teaching Pronunciation L2 II		B1 CEFR English
	(4 <sup>th</sup> )	Classroom Management in L2		B1 CEFR English
	(4 <sup>th</sup> )	Language Awareness II		B1 CEFR English
	(6 <sup>th</sup> )	Teaching Practice II		B2 CEFR English
	(8 <sup>th</sup> )	Advanced English II		B2 CEFR English
		<b>Elective:</b> Productive English Skills		A2 CEFR English



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B.A. in Language Teaching		<b>Elective:</b> English Grammar II		A2 CEFRL English
	<b>Fall Semester</b>			
	(1 <sup>st</sup> )	Français I	Vanessa Fonseca Salazar	A1
	(1 <sup>st</sup> )	Compréhension Orale et Écrite du Français	Marcela Neferty Rodriguez Moreno	A1
	(1 <sup>st</sup> )	Prononciation du Français	Vanessa Fonseca Salazar	A1
	(1 <sup>st</sup> )	English I	María Magdalena Cass Zubiria	B1
	(1 <sup>st</sup> )	English Grammar I	Norma Angélica Partida Castellanos	B1
	(1 <sup>st</sup> )	Oral and Written Comprehension in English	Raúl Alejandro Jiménez Rosales	B1
	(3 <sup>th</sup> )	Français III	Nestor Abelardo Villegas	A2+
	(3 <sup>th</sup> )	English III	Maribel Rubio Chiu	B1+
	(5 <sup>th</sup> )	Français V	Norma Angélica Partida Castellanos	B1
	(5 <sup>th</sup> )	English V	Alejandro S. Tello Moreno -- Guillermo Gpe. Durán García	C1+ (Prep CAE) B2+
	(7 <sup>th</sup> )	Littérature Française	Nestor Abelardo Villegas	B2
	(7 <sup>th</sup> )	Préparation DELF B2	Vanessa Fonseca Salazar	B2
	(7 <sup>th</sup> )	Production Orale en Français Avancé	Nestor Abelardo Villegas	B2
(7 <sup>th</sup> )	English VII	Norma Angélica Partida Castellanos	B2+	



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School of Marketing				
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B.A. in Advertising and Public Relation	<b>Spring Semester</b>			
	(2 <sup>nd</sup> )	Image Workshop	Martha M. Godinez Cruz. Carolina Anaya Rojas	
	(2 <sup>nd</sup> )	Business Entrepreneurship	Claudia Velázquez García	
	(6 <sup>th</sup> )	Event Organization	Claudia Velázquez García	
	(6 <sup>th</sup> )	Media Production	Miguel Macias Amador	
	(6 <sup>th</sup> )	Lobbying	Juan Carlos Flores Carrillo	
	(6 <sup>th</sup> )	Intercultural Skills Development	Hiatziry Castrejón Martínez	
	(8 <sup>th</sup> )	New Advertising Media	Joaquín Flores Carrillo	
	(8 <sup>th</sup> )	Advertising and Project Management	José Ángel Becerra	
	<b>Fall Semester</b>			
	(3 <sup>th</sup> )	Personal Branding	Martha M. Godinez Cruz. Carolina Anaya Rojas.	
	(5 <sup>th</sup> )	Crisis Management	Hiatziry Castrejón Martínez	
(7 <sup>th</sup> )	Protocol, Etiquette and Ceremonial	Marcela Días López		



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	(7 <sup>th</sup> )	International Relations and Diplomacy	Hiatzity Castrejón Martínez	
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School of Marketing				
Bachelor	Semester Information	Course Name	Professor	Prerequisite
B.A. in Marketing	<b>Spring Semester</b>			
	(2 <sup>nd</sup> )	Market Segmentation	María de los Dolores Santarriaga Pineda	
	(2 <sup>nd</sup> )	Coaching	Hiatziry Castrejón Martínez	
	(4 <sup>th</sup> )	E-Commerce	Joaquín Flores Carrillo	
	(8 <sup>th</sup> )	Integrative Business Simulator	Francisco Soto Ramírez	
	<b>Fall Semester</b>			
	(3 <sup>th</sup> )	Place and Logistics	José Francisco Soto Ramírez.	
	(5 <sup>th</sup> )	International Commerce	Hugo Torres	
	(7 <sup>th</sup> )	Market Research Seminar	María de los Dolores Santarriaga Pineda	