



University of Craiova
DEPARTMENT OF INTERNATIONAL RELATIONS
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FACULTY OF AUTOMATON, COMPUTERS AND ELECTRONICS:
Computers and Information Technology specialisation (Bachelor's Degree):

First year of study

First semester:

Mathematical Analysis
Linear Algebra, Analytic and Differential Geometry
Computer Programming
Physics – General Elements
Logical Design of Digital Computers
Knowledge, Human Communication and Internet

Second semester:

Special Mathematics
Numerical Methods
Introduction to Electrical Engineering
Computer Programming – Programming Techniques
Computer Programming – Programming Techniques - Project
Digital Systems Design
Physics – Elements of Mechanical Engineering

Second year of study

First semester:

Data Structures and Algorithms
Data Structures and Algorithms - Project
Electronics
Computer Architecture
System Theory and Control
Object Oriented Programming
Object Oriented Programming - Project
Management

Second semester:

Algorithm Complexity Analysis
Artificial Intelligence
Computer Graphics
Assembly Programming Languages
Measurement Techniques
General Economics and Accounting

Practical Training

Third year of study

First semester:

Digital Integrated Circuits
Databases Operating
Systems Data
Communication
Computer Structure and Organization
Computer Structure and Organization - Project
Visual Programming Environments
Visual Programming Environments - Project

Second semester:

Computer Networks
Database Design
Database Design - Project
Microprocessors System Design
Distributed Network Application Development
Distributed Network Application Development - Project
Verification and Testing of Computer Systems
Verification and Testing of Computer Systems - Project
Software Engineering
Software Engineering – Project
I/O Systems
Computer Systems Modelling Practical Training

Fourth year of study

First semester:

Real Time Computing Systems
Real Time Computing Systems - Project
Computer Networks Management
E-Commerce
E-Commerce - Project
Web Applications' Design
Web Applications' Design - Project
Data Security
Data Security - Project
Models and Algorithms for Parallel Computing
Models and Algorithms for Parallel Computing - Project
Frameworks for Digital Systems Development
Formal Languages and Automata
Practical Stage for Graduation - Project

Second semester:

Embedded Systems
Compiler Design
Compiler Design - Project
DSP in Communication

Algorithms for Information Retrieval
High Speed Networks Expert Systems
Information Systems Management
Graphical Systems
VLSI Environments
Multimedia Application Development

Information Systems for e-Business specialisation (Master's Degree):

First year of study

First semester:

Multimedia Design for e-Business
Computational and Algorithmic Methods in e-Business
Service and Agent Technologies for e-Business
Formal Methods in Semantic Web
Web Systems Engineering

Second semester:

Mobile and Wireless Technologies for e-Business
Secure Payment Systems
Modelling and Performance Evaluation of e-Business Systems
E-Business Systems Engineering
Legal, Ethical and Social Issues in e-Business

Second year of study

First semester:

Knowledge and Semantics-Based Systems
Information Technology for e-Marketing and Branding
Data Mining and Data Warehouses
Enterprise Information Systems

FACULTY OF ECONOMICS AND BUSINESS ADMINISTRATION:

Economics and International Business specialisation (Bachelor's Degree):

First year of study

First semester:

Microeconomics
Economy of Enterprise
Fundamentals of Accounting
Mathematics Applied in Economics
Information Technologies for Business
Business Law
Foreign Language
Physical Education

Second semester:

Macroeconomics
Management
Financial Accounting

Public Finance
Statistics
Applied Economy Informatics
Foreign Language
Physical Education

Second year of study

First semester:

European Economy
Marketing
Business Accounting
Financial Management of the Enterprise
Introduction in Econometry
Economic Information Systems
Foreign Language
Physical Education

Second semester:

Currency and Credit
Economic Integration
International Economics
International Economic Organizations
Trade Policies
Communication in English
Sustainable rural regional
International Business Ethics
Contemporary Economic Theories
International Economic Policy
Physical Education
Intership (3 weeks * 30 hours)

Third year of study

First semester:

International Market Condition
Risk Management in International Transactions
International Stock Exchanges
International Commercial Negotiation
Economic Financial Analysis
English Commercial Correspondence
Economic Journalism and Advertising
International Public Relations
Prices and Competition
International Financial Relations

Second semester:

International Trade
International Tourism
Foreign Trade Operations
Fiscality

International Monetary Economy
International Marketing
Transport, Forwarding and International Insurance
Comparative Management
Consumer Behavior
Work on the Bachelor's Thesis (2 weeks * 30 hours)

Finance and banking specialisation (Bachelor's Programme):

First year of study

First semester:

Microeconomics
Economy of Enterprise
Fundamentals of Accounting
Mathematics Applied in Economics
Information Technologies for Business
Business Law
Foreign Language
Physical Education

Second semester:

Macroeconomics
Management Financial
Accounting Public Finance
Applied Economy
Informatics Economy
Informatics
Foreign Language
Physical Education

Second year of study

First semester:

European Economy
Marketing
Business Accounting
Financial Management of the Enterprise
Introduction to Econometrics
Economic Information Systems
Foreign Language
Physical Education 3

Second semester:

Currency and Credit
Financial Management
Fiscality
Capital Markets
Financial Systems and Reporting
Finances of Public Institutions
Economic Forecasting
Financial and Administrative Mathematics
Quantitative Methods in Business Administration

Data Statistic Processing Using Software Packages
Physical Education
Intership (3 weeks * 30 hours)

Third year of study

First semester:

Commercial Insurance
Prices and Competition
Economic and Financial Analysis
Investments
Budget and Public Treasury
Insurance and Social Protection
International Monetary and Financial Relations
Bank Services and Products
Real-Estate Administration

Second semester:

Financial Policies of the Enterprise
Banking Management and Accounting
Banking Management
International Monetary Economics
Securities Portfolio Management
Management Accounting
Financial Audit
The Technique of Export Trade Operations
Contemporary Economic Theory
Work on the Bachelor's Thesis (2 weeks * 30 hours)

International Economics and Business Administration specialisation (Master's Degree):

First year of study

First semester:

International Economics
International Trade in Goods and Services and Commercial Policies
International Finance
Quantitative International Business Analyses
International Labor Migration

Second semester:

Global Marketing
International Investments and Transnational Companies
Global Strategic Management
International Banking and Payments
International Business Regulation, Litigation and
Economical Arbitration

Second year of study

First semester:

International Transports
International Tourism
International Business Negotiation and Diplomacy
International E-Economy and E-Business
Global Managerial Finance

Second semester:

Export and Import Contracts, International Regulations, Terms and Customs
Foreign Investments Projects
Practical Stages

FACULTY OF LAW AND SOCIAL SCIENCES:

Private Law specialisation (Master's Degree):

Harmonisation of private law in European Union
Introduction to German private law

Administrative Sciences specialisation (Master's Degree):

Le droit administratif comparé

Human Rights (Master's Degree):

L'égalité dans l'histoire des idées politiques

Criminal Sciences (Master's Degree):

Politique criminelle

FACULTY OF LETTERS:

Modern English Language and Literature - Modern Language and Literature (French, German, Italian, Spanish) (Bachelor's Degree):

First year of study

First semester:

Introduction to General Linguistics
Contemporary English Language (Morphosyntax)
English Literature: Medieval and Renaissance
Phonetics
Applied Criticism
Grammatical Exercises

Second semester:

Theory of Literature
Contemporary English Language (LEC) Morphology
English Literature (Neoclassicism and Romanticism)
Phonetics
Writing Skills
Grammatical Exercises

Second year of study

First semester:

Syntax of English Simple Sentence
Victorian Literature
Grammatical Exercises and Translations
Oral Presentation
Text Analysis (Poetry)
Theory of Translation

Second semester:

Landmarks in the History of Modern Linguistic Thought
Syntax of English Complex Sentence
20th century British Literature
Texts Interpretation (Prose)
Stylistics

Third year of study

First semester:

History of English Language
Semantics
American Literature
Text Typology
Applied Linguistics
Modern Approaches on English Syntax
Hermeneutics of British Literature
Travel Accounts in 18th century Britain
20th century Criticism
American Novel of the 20th century

Second semester:

Pragmatics
Postcolonial Literature
Text Interpretation
Narrative Theory with a Purpose
Hermeneutics of American Literature
20th century Irish Fiction Portrait in
English Literature Elements of
Functional Linguistics

Modern French Language and Literature - Modern Language and Literature (English, German, Italian, Spanish) (Bachelor's Degree):

First year of study

First semester:

Linguistique générale
Civilisation française

Langue française (Morphosyntaxe)
Travaux dirigés - Expression écrite
Travaux dirigés - Exercices de grammaire et traduction grammaticale

Second semester:

Théorie de la littérature
Langue française (Morphosyntaxe)
Littérature française (Moyen Âge et Renaissance)
Travaux dirigés - Expression orale
Travaux dirigés - Exercices de grammaire et traduction grammaticale
Travaux dirigés - Interprétation des textes

Second year of study

First semester:

Langue française (Syntaxe)
Littérature française (XVII-XVIII^{ème} siècles)
Travaux dirigés - Exercices de grammaire
Travaux dirigés - Expression écrite
Travaux dirigés - Traduction
Procédés de la traduction

Second semester:

Histoire des théories linguistiques (le XX^{ème} siècle)
Langue française (Syntaxe)
Littérature française (XIX^{ème} siècle)
Travaux dirigés - Exercices de grammaire
Travaux dirigés - Traduction
Travaux dirigés - Analyse de
texte Stylistique

Third year of study

First semester:

Langue française (Lexicologie et
Sémantique) Littérature française (XX^{ème}
siècle)
Travaux dirigés - Interprétation des textes littéraires
Cours optionnel - Langue française: Niveaux de langue
Cours optionnel - Langue anglaise/ allemand/ espagnol/ italien : Sociolinguistique
Langue française (Introduction à la Pragmatique)

Second semester:

Fondement de la critique littéraire
Typologie du texte
Travaux dirigés - Exploitation didactique du texte
Cours optionnel - Littérature française: La genèse de l'œuvre littéraire. La poétique
Cours optionnel - Littérature anglaise/ allemand/ espagnol/ italien : Le roman français
et francophone postmoderne

French Language and Literature - English Language and Literature (Bachelor's Degree):

First year of study

First semester:

Contemporary English Language
(Morphosyntax) English Literature: Medieval
and Renaissance Phonetics
Applied Criticism
Grammatical Exercises
Contemporary English Language (LEC) Morphology
Langue française
(Morphosyntaxe) Civilisation
française
Travaux dirigés - Exercices de grammaire
Travaux dirigés - Expression écrite

Second semester:

English Literature (Neoclassicism and
Romanticism) Phonetics
Writing Skills
Grammatical Exercises
Langue française (Morphosyntaxe)
Civilisation et littérature française (Moyen Âge et Renaissance)
Travaux dirigés - Exercices de grammaire et traduction
grammaticale
Travaux dirigés - Expression orale
Travaux dirigés - Interprétation des textes

Second year of study

First semester:

Syntax of English Simple Sentence
Victorian Literature
Grammatical Exercises and Translations
Oral Presentation
Text Analysis (Poetry)
Texts Interpretation
Langue française (Syntaxe)
Littérature française (les XVII-XVIII^{ème} siècles)
Travaux dirigés - Exercices de grammaire
Travaux dirigés - Traductions
Travaux dirigés - Expression écrite

Second semester:

Syntax of English Complex Sentence
20th century British Literature
Langue française (Syntaxe)
Littérature française (le XIX^{ème} siècle)
Travaux dirigés - Exercices de grammaire

Travaux dirigés - Traductions
Travaux dirigés - Analyse de textes

Third year of study

First semester:

Semantics
American Literature
Applied Linguistics
Modern Approaches of English Syntax
British Literature
Postcolonial Literature
Langue française (Introduction à la Pragmatique)
Littérature française (le XX^{ème} siècle)
Travaux dirigés - Interprétation de textes littéraires

Second semester:

Pragmatics
Texts Interpretation
20th century Irish Fiction
Elements of Functional Linguistics
Langue française (Lexicologie et Sémantique)
Littérature française (Les fondements de la critique littéraire)
Travaux dirigés - Exploitation didactique du texte
Cours optionnel - Littérature française: La genèse de l'œuvre littéraire. La poétique
Cours optionnel - Langue française: Linguistique textuelle. Cohérence et cohésion
Pragmatique de la question
Cours optionnel - Littérature française: L'existentialisme français - Pensée et littérature

Translation and Interpreting (English/ French) (Bachelor's Degree):

First year of study

First semester:

Langue française contemporaine
Civilisation française Stylistique
de la traduction Théorie de la
traduction (français) Typologie du
texte
Travaux dirigés - Expression écrite
Travaux dirigés - Exercices grammaticaux et lexicaux
Travaux dirigés - Traduction grammaticale
Contemporary English Language
Practical Course: Writing Practice, Grammar Practice, Translations
English Morphology

Second semester:

Langue française contemporaine
Réception et (ré)traduction du texte littéraire
Théorie de la traduction
Travaux dirigés - Expression écrite

Travaux dirigés - Exercices grammaticaux et lexicaux
Travaux dirigés - Traduction grammaticale
Traduction comme médiation culturelle
Contemporary English Language
Practical Course: Writing Practice, Grammar Practice, Translations
English Morphology

Second year of study

First semester:

Langue française contemporaine
Langage de specialite (français)
Travaux dirigés - Expression écrite
Travaux dirigés - Exercices grammaticaux et lexicaux
Travaux dirigés - Traduction générale
Contemporary English Language
Translation Stylistics
Theory of Translation
English Civilisation
Literary Movements (English Literature)
Practical Course: Writing Practice, Grammar and Lexical Practice, General Translations

Second semester:

Langue française contemporaine
Travaux dirigés - Expression écrite
Travaux dirigés - Exercices grammaticaux et lexicaux
Travaux dirigés - Traduction générale
Langage technique
Contemporary English Language
Theory of Translation
Literary Movements (English Literature)
Practical Course: Writing Practice, Grammar and Lexical Practice, General Translations
Special Language (English)
Interpretation and (Re)translation of Literary Texts
Medical Language

Third year of study

First semester:

Langue française (contrastivité)
Terminologie
Traduction consécutive
Traduction simultanée
Travaux dirigés - Traduction littéraire
Langage juridique
Langage économique
Consecutive Translation
Simultaneous Translation
Sociolinguistics
Practical Course of English (Literary Texts Translations)

Second semester:

Traduction consécutive
Traduction simultanée
Contrastive English Grammar
Consecutive Translation
Simultaneous Translation
Practical Course of English (Literary Texts Translations)
Functional Styles
Business English
Technical Language

Translation and Interpreting (English/ French) (Bachelor's Degree):

First year of study

First semester:

Langue française contemporaine
Civilisation française Stylistique
de la traduction Théorie de la
traduction (français) Typologie du
texte
Travaux dirigés - Expression écrite
Travaux dirigés - Exercices grammaticaux et lexicaux
Travaux dirigés - Traduction grammaticale
Contemporary English Language
Practical Course: Writing Practice, Grammar Practice, Translations
English Morphology

Second semester:

Langue française contemporaine
Réception et (ré)traduction du texte littéraire
Théorie de la traduction
Travaux dirigés - Expression écrite
Travaux dirigés - Exercices grammaticaux et lexicaux
Travaux dirigés - Traduction grammaticale
Traduction comme médiation culturelle
Contemporary English Language
Practical Course: Writing Practice, Grammar Practice, Translations
English Morphology

Second year of study

First semester:

Langue française contemporaine
Langage de specialite (français)
Travaux dirigés - Expression écrite
Travaux dirigés - Exercices grammaticaux et lexicaux
Travaux dirigés - Traduction générale
Contemporary English Language
Translation Stylistics
Theory of Translation

English Civilisation
Literary Movements (English Literature)
Practical Course: Writing Practice, Grammar and Lexical Practice, General Translations

Second semester:

Langue française contemporaine
Travaux dirigés - Expression écrite
Travaux dirigés - Exercices grammaticaux et lexicaux
Travaux dirigés - Traduction générale
Langage technique
Contemporary English Language
Theory of Translation
Literary Movements (English Literature)
Practical Course: Writing Practice, Grammar and Lexical Practice, General Translations
Special Language (English)
Interpretation and (Re)translation of Literary Texts
Medical Language

Third year of study

First semester:

Langue française
(contrastivité) Terminologie
Traduction consécutive
Traduction simultanée
Travaux dirigés - Traduction littéraire
Langage juridique
Langage économique
Consecutive Translation
Simultaneous
Translation
Sociolinguistics
Practical Course of English (Literary Texts Translations)

Second semester:

Traduction consécutive
Traduction simultanée
Contrastive English
Grammar Consecutive
Translation Simultaneous
Translation
Practical Course of English (Literary Texts
Translations) Functional Styles
Business English
Technical Language

Romanian/ English/ French Language and Literature - German Language and Literature (Bachelor's Degree):

First year of study

First semester:

German Language (Syntaxe)
German Civilisation and
Literature Practical Course:
Phonetics Practical Course:
Writing Practice

Second semester:

German Language
(Morphosyntaxe) German
Civilisation and Literature
Practical Course: Oral Practice

Second year of study

First semester:

German Language (Syntaxe) German
Civilisation and Literature Practical
Course: Translations Practical
Course: Grammar Exercises

Second semester:

German Language (Lexicology)
Practical Course: Retroversion
Practical Course: Grammar Exercise
German Civilisation and Literature

Third year of study

First semester:

German Civilisation and Literature
German Literature in Romania
German Language (Semantics)
German Language - History of German Language

Second semester:

German Civilisation and Literature
German Literature in Romania
Practical Course: Text Editing

Romanian/ English/ French Language and Literature - Italian Language and Literature (Bachelor's Degree):

First year of study

First semester:

Lingua Italiana (Morfosintassi)
Civiltà e Letteratura Italiana (Sec. XII-XIV)
Fonetica
Espressione Scritta

Second semester:

Lingua Italiana (Morfosintassi)
Civiltà e Letteratura Italiana (Sec. XV-XVII)
Esercizi Grammaticali
Espressione Orale

Second year of study

First semester:

Lingua Italiana (Sintassi)
Letteratura Italiana (Sec. XVIII)
Esercizi Grammaticali
Traduzioni

Second semester:

Lingua Italiana (Lessicologia)
Letteratura Italiana (Sec. XIX)
Esercizi Grammaticali
Retroversioni

Third year of study

First semester:

Lingua Italiana (Semantica)
Letteratura Italiana (Sec. XX: Il Primo Novecento)
Interpretazioni di Testi
Lingua Italiana - Corso Opzionale

Second semester:

Lingua Italiana (Storia della Lingua)
Letteratura Italiana (Sec. XX-XXI: Il Secondo Novecento)
Redazione di Testi
Letteratura Italiana - Corso Opzionale

Romanian/ English/ French Language and Literature - Spanish Language and Literature (Bachelor's Degree):

First year of study

First semester:

Lengua Española - Morfosintaxis
Fonética
Expresión escrita

Second semester:

Civilización y literatura españolas
Ejercicios gramaticales
Expresión oral

Second year of study

Lengua Española - Sintaxis
Literatura Española
Traducciones
Ejercicios gramaticales

Second semester:

Lengua Española - Lexicología
Literatura Española
Traducciones
Ejercicios gramaticales

Third year of study

First semester:

Semántica Literatura Española
Interpretaciones de Textos
Opcional de Literatura Española

Second semester:

Historia de la Lengua Española
Literatura Española
Redacción de Textos
Opcional de Literatura Española

English Language. Theoretical and Applied Studies (Master's Degree):

First year of study

First semester:

Textual Typologies
Methodology of Research
Elements of Applied Linguistics

Contrastivity in ESP
Elements of British and American Culture
Correctivity Phonetics

Second semester:

Lexicology and Lexicography
Expression and Expressiveness in English and Romanian

Second year of study

First semester:

Principles of Testing and Evaluation
Functional Styles of English Language
Reflective Approach and Capitalisation of Expertise
Intercultural Competence and Translation

Second semester:

Language Levels and Linguistic Accommodation
Functional Styles of English Language
Basic Elements of Sociolinguistics
New Approaches to Pragmatics
New Conceptualisation in Semantic Analysis

English and American Studies (Master's Degree):

First year of study

First semester:

Elements of Contemporary English Civilisation
Modern Political Values in Great Britain
American Pragmatism vs. British Traditionalism
Postmodern British and American Poetry
British and American Contemporary Theatre
Analysis of Contemporary British Cultural Discourse
English Spirituality and Landscape Design

Second semester:

Elements of Contemporary American Civilisation
American Cultural Anthropology
History of British Criticism
African American Novel
Postmodernism - Intertextual Coordinates
British Public Spaces
Urbanism and American Spirit

Second year of study

First semester:

Reality and Art in British and American Culture Media

in the British and American Cultural Space Philosophy
and Contemporary British/ American Fiction Children's
Literature in English
Theatre and Geopolitical Space (Romanian/ American Cultural Exchanges)
Victorian Essay
Visual and Literary Arts within the English Cultural Space

Second semester:

Literatures in English
Transposition d'art - Literature and the Other
Arts Space and Time in British and American
Literature British and American Travel
Literature
Media Studies - American Consumerist Society vs. Identity Discourse
British and American Cultural Presence in Europe
Anglophone Literature in Film Adaptations

English and French Languages: European Legal Translation and Terminology (Master's Degree):

First year of study

First semester:

Théorie de la
traduction
Terminologie
juridique Langage
juridique

Second semester:

Theory of
Translation Legal
Terminology
Legal Language

Second year of study

First semester:

Intercultural Communication Competence
Legal Translation (Contracts and Notarial
Documents) Legal Translation (Normative Texts)

Second semester:

Compétence de Communication
Interculturelle Traduction Juridique
(Contracts et Actes Notariés) Traduction
Juridique (Textes Normatifs)

Langue Française, Didactique et Littératures dans l'Espace Francophone (Master's Degree):

First year of study

First semester:

Linguistique variationniste. Méthodologie de l'analyse des corpus
Syntaxe et discours
Littérature française de Belgique
Éléments de linguistique textuelle
Langue de spécialité
Méthodologie de la recherche scientifique (application dans le domaine linguistique)
Integrated Skills in English Language

First year of study

Second semester:

Variétés synchroniques du français dans l'espace francophone
Variétés diachroniques du français dans l'espace francophone
Analyse de l'imaginaire littéraire: Ecrivains roumains d'expression française
Aspects fondamentaux de la littérature française contemporaine
Francophonie et interculturalité
Développement de la compétence de compréhension et d'expression orale
Didactique de la lecture littéraire
Méthodologie de la recherche scientifique (application dans le domaine littéraire)
Integrated Skills in English Language

Second year of study

First semester:

Aspects actuels de la sémantique
Aspects actuels de la pragmatique
Littératures francophones en dehors de l'espace européen (le Maghreb)
Esthétique et herméneutique littéraires
Problématique de la fiction littéraire
Grands courants littéraires européens
Théorie et analyse des activités d'acquisition du français langue étrangère (FLE)
Analyse de la communication didactique dans le processus d'enseignement
Integrated Skills in English Language

Second semester:

Aspects actuels de la lexicologie
Structures morphosyntaxiques des langues romanes
Littératures francophones en dehors de l'espace européen (le Canada)
Méthodologies FLE et théories linguistiques de référence
Didactique de l'interculturel dans l'espace francophone
Phonétique corrective Problématique
de la traduction Integrated Skills in
English Language

FACULTY OF MECHANICAL ENGINEERING:

Automotive Engineering - Design, Manufacture and Development (Master's Degree):

First year of study

First semester:

Fundamentals of automotive engineering
Quality Techniques
Dynamic Analysis of Mechanical Systems
Modeling and Simulation in automotive engineering
Manufacturing processes and equipment for automotive
Automation and Robotics in automotive engineering

Second semester:

Elements of virtual prototyping in automotive engineering
Design for manufacture
Innovative technologies in automobiles manufacturing
Advanced production systems in automotive engineering
Modeling automobiles dynamics

Second year of study

First semester:

Functional design optimization of automobiles engines
Functional design optimization of automobiles transmissions and systems
Design for Safety & Comfort
Advances Robotics
Computer assisted automobiles diagnosis

Second semester:

Research stage
Research for dissertation development
Dissertation Project

FACULTY OF ELECTRICAL ENGINEERING:

Advanced Electrical Systems (Master's Degree)

First year of study

First semester:

Monitoring and diagnosis of electrical systems
Monitoring and diagnosis of electrical systems - project
Electrical Systems control with PLC
Optimal design of electrical systems
Optimal design of electrical systems- project
Artificial Intelligence techniques for Engineering Applications

Second semester:

Advanced Control of AC machines

Advanced Control of AC machines - project
Advanced control in power electronics applications
Advanced control in power electronics applications- project
Measurement Techniques and Standards in Electromagnetic Compatibility for Smart Electrical Systems
Project Management in Electrical Engineering
Project Management in Electrical Engineering- project

Optimal design of electrical machines / Embedded Systems (optional)
Optimal design of electrical machines – project / Embedded Systems – project (optional)
Hybrid Power Systems Based on Photovoltaic Cells and Fuel Cells / Buildings energy efficiency (optional)
Hybrid Power Systems Based on Photovoltaic Cells and Fuel Cells – project / Buildings energy efficiency – project (optional)
3D Graphics in Engineering / Design of State Observers (optional)

Second year of study

First semester:

Computer-aided analysis of nonlinear electrical systems
Computer-aided analysis of nonlinear electrical systems - project
Integrated renewables in advanced energy systems
Smart products development
Thermal and Electromagnetic Analysis of Electrical Systems
Thermal and Electromagnetic Analysis of Electrical Systems- project

Second semester:

Scientific research practice
Elaboration of the master dissertation

Free-of-charge Romanian language courses are provided to foreign students upon arrival. The University of Craiova has two lectorates of foreign languages, French and Bulgarian, and a Cultural Center, the Center of Polish language and culture, coordinated by native speaker lecturers from France, Bulgaria and Poland.