



Curriculum vitae Europass

Personal information

Name **Chiruță Ciprian**
 Adress Vasile Lupu, nr. 100A, Bl. P3, Et. 2, ap. 3, Iasi, Romania
 Telephone number (40) 0232407437 Mobile:
 Fax
 E-mail address kyru@uaiasi.ro
 Nationality Romanian
 Date of birth 18.08.1974, Iasi.
 Sex Male

Objective

Career promotion exam

Professional experience

Dates	March 2013 - present
Occupation or position held	Lecturer
Main activities and responsibilities	Teaching activity and research: - Mathematics course and seminars - IMAA specialization; - Mathematics and Statistics course and seminars - Agriculture, Mountain specializations; - Mathematical Analysis, Probability Theory and Mathematical Statistics - Environmental Engineering specialization.
Name and address of the employer	University of Agricultural Sciences and Veterinary Medicine "Ion Ionescu de la Brad" Iași; Mihail Sadoveanu nr. 3, Iași, 700490, Romania www.uaiasi.ro
Type of activity or activity sector	Education - State University (accredited)
Dates	October 2003 – February 2013
Occupation or position held	Assistant professor
Main activities and responsibilities	Teaching activity and research Mathematics and Statistics course and seminars - Agriculture, Mountain specializations Mathematics (I.D.D.) Faculty of Horticulture (2006-present), Mathematics (I.D.D.) Faculty of Agriculture, IMAA specialization (2010 - present).
Name and address of the employer	University of Agricultural Sciences and Veterinary Medicine "Ion Ionescu de la Brad" Iași; Mihail Sadoveanu nr. 3, Iași, 700490, România www.uaiasi.ro
Type of activity or activity sector	Education - State University accredited
Dates	October 1999 – October 2003
Occupation or position held	Junior Teaching
Main activities and responsibilities	Teaching activity and research: Laboratory in the discipline "Informatics" specializations Agriculture, Mountain, IMAA and TPPA; Laboratory in the discipline of "Computer-assisted design" specialization Landscape design, year III. Laboratory in the discipline "Biomathematics and informatics", Faculty of Veterinary Medicine.
Name and address of the employer	University of Agricultural Sciences and Veterinary Medicine "Ion Ionescu de la Brad" Iași; Mihail Sadoveanu nr. 3, Iași, 700490, România www.uaiasi.ro
Type of activity or activity sector	Education - State University accredited

Dates	September 1999 – October 1999
Occupation or position held	Substitute teacher (full time)
Main activities and responsibilities	Teaching activity, Mentoring: computer lab, math hours.
Name and address of the employer	Grupul Școlar D. Mangeron, Iași Bulevardul Poitiers nr. 41, cod 700669, Iași Tel: 0232-435281, Fax: 0232-436959, http://www.mangeron.ro/
Type of activity or activity sector	Professor of mathematics and computer science

Education and Training

Date	February - May 2016
Title of qualification awarded	English Language Certificate, B2
Principal subjects/occupational skills covered	English Language and Literature
Name and type of organization providing education and training	Foundation EuroEd
Level in national or international classification	Upper level
Date	2010
Title of qualification awarded	Trainer Diploma in Technology and information
Principal subjects/occupational skills covered	Concept of Moodle online courses
Name and type of organization providing education and training	Agence Universitaire de la Francophonie in parteneriat whit Universitatea de Științe Agricole și Medicină Veterinară Iași
Level in national or international classification	Upper level
Date	March 31, 2011 – April 7, 2011
Title of qualification awarded	Trainer training certificate.
Principal subjects/occupational skills covered	Nuance mathematics techniques in modeling processes with applications in decision analysis and risk assessment and control.
Name and type of organization providing education and training	Universitatea „Al. Ioan Cuza” Iași – Centru de Formare și Analiză în Ingineria Riscurilor (CEFAIR)
Level in national or international classification	Upper level
Date	February - May 2010
Title of qualification awarded	Certificate of completion of the Open Distance Education Technology course
Principal subjects/occupational skills covered	Module I 1. ID – basic concepts; 2. Communications in ID. 3. Administration and management of ID programs. 4. ID in Romania. Module II 1. Study materials in ID technology. Multimedia in ID. 2. Guardians in ID. 3. ID territorial centers. 4. Accreditation of ID operation in higher education. Evaluation and accreditation of ID programs in Romania.
Name and type of organization providing education and training	Universitatea „Alexandru Ioan Cuza” Iași – Center for Open Distance Education and Professional Conversion (IDECS)
Level in national or international classification	Upper level

Date
 Title of qualification awarded
 Principal subjects/occupational skills covered
 Name and type of organization providing education and training
 Level in national or international classification

1998 - 2008
 PhD in mathematics
 Thesis title: "Contribution to the study of the movement of celestial bodies in photogravitationals fields";
 Professor - prof. univ. dr. Arpad PAL, prof. univ. dr. Vasile URECHE
 Celestial Mechanics and stellar dynamics,
 Astronomy, Astrophysics,
 University Babeş-Bolyai, Cluj-Napoca,

Upper level

Date
 Title of qualification awarded
 Principal subjects/occupational skills covered
 Name and type of organization providing education and training
 Level in national or international classification

1997 – 1999
 Postgraduate Diploma
 Dissertation title: "Calculation of solar eclipses"
 Professor, prof. univ. dr. Radu ANTON, Note 10.00,
 Department Dynamical Systems and Theoretical Mechanics
 University "Al. I. Cuza" Iasi

Upper level

Date
 Title of qualification awarded
 Principal subjects/occupational skills covered
 Name and type of organization providing education and training
 Level in national or international classification

1993 - 1997
 Bachelors in Mathematics
 Undergraduate work "Non-Euclidean Geometry",
 Professor coordinator, prof. dr. Dan BRANZEI
 University "Al. I. Cuza" Iaşi

Upper level

Date
 Title of qualification awarded
 Principal subjects/occupational skills covered
 Name and type of organization providing education and training
 Level in national or international classification

1985 – 1993
 High school diploma
 Romanian Language, Mathematics, Astronomy, French Language.
 Liceul Naţional, Iaşi
 High school

Personal skills and competences

Native language
 Foreign languages
 Self-assessment European level(*)

Romanian

English language

French

Understanding				Speaking				Writing	
Listening		Reading		Conversation		Speaking		Writing	
B2	Independent user	B2	Independent user	B2	Independent user	B2	Independent user	B2	Independent user
B2	Independent user	B2	Independent user	B1	Independent user	B1	Independent user	A2	Basic User

(*) Common European Framework of Reference for Languages



Organizational skills	<p>Team spirit. I have teamwork experience: in college I was president of the class, I was in the basketball team of the Faculty of Mathematics.</p> <p>Good communication and collaboration skills developed through the work of tutoring: mentoring a group of 25 students of the Viticulture College, (2006-2010) in mentoring two groups of 20 students each of the Faculty of Horticulture, and by presenting articles at national and international scientific conferences.</p> <p>Increased capacity to adapt, seriousness, loyalty, ability to synthesis.</p>
Organizational skills and competences	<p>I have been a member of interdisciplinary research teams (see Experience in research programs) and have good project and team management experience.</p> <p>Coordinating a team, managing resources, planning and carrying out activities</p> <ul style="list-style-type: none"> - president of the Free Trade Union of USAMV Iași (from July 2018 – February 2020). - Director of the Exact Sciences Department, Faculty of Horticulture (February 2020 – present) - FDI 2017 project director. <p>Speed in completing tasks, responsibility, initiative and creativity.</p> <p>I participated as a member of the organizing team of some international symposia (ESNA, Iași, 2006) International Conference "Life Sciences Today for Tomorrow" (2020 - 2023) and national: Symposium of the Faculty of Horticulture (Iași, 2010, 2011, 2012).</p>
Technical skills	<p>Responsible IT for the ECDL Accredited Test Centre of USAMV. In this assignment I handled the network of computers at the ECDL center of USAMV.</p> <p>Working with data bases shaped MS. Excel and MS Access in Advanced mode. Use MS. Excel and Matlab in statistical analysis. 4 articles published in scientific collaboration for which I dealt with statistical analysis.</p> <p>In the framework of research contracts, I dealt with the drafting of reports and final stage report with teammates.</p>
Computer skills	<p>Advanced use of MS Office programs (MS. Word, MS. Excel, MS. PowerPoint, MS. Access).</p> <p>Use of SPSS application at the elementary level.</p> <p>Administrator Windows XP, Windows 2000 server, network management.</p> <p>Good knowledge of Internet communication programs.</p> <p>Specific applications of mathematical knowledge Maple, Matlab, LaTeX.</p> <p>Basic knowledge of computer graphics applications (Adobe Photoshop, Gimp 2.8).</p> <p>Web design (MS. Publisher, Kompozer, MS. Front Page).</p> <p>Programming languages: Basic, QBasic, Pascal, Turbo Pascal.</p>
Artistic skills and competences	<p>Classical guitar courses in high school.</p>
Other skills and competences	<p>Military stage: satisfied</p> <p>Marital status: married wife - Alina, a child - Adrian,</p> <p>Hobbies: traveling, swimming, basketball.</p>
Driver's license	<p>Driving license category B since 1995</p>
Member of:	<p>2011 – Member of CNRA – Romanian National Astronomy Committee</p> <p>2012 – Member in ROMAI – Romanian Society of Applied and Industrial Mathematics.</p> <p>2010 - Member of SRH - Romanian Society of Horticulturists.</p> <p>2014 – Member of SSMR – Romanian Society of Mathematical Sciences.</p> <p>2018 – Member of IAU – International Astronomical Union.</p> <p>2019 – Member of the Friends of the Roses Association.</p> <p>2019 – Member of EAS – European Astronomical Society</p>
Participation in trainings, Specializations	<p>2010 - June - Trainer Diploma in Technology and Information - Design of online courses on the Moodle platform - Agence Universitaire de la Francophonie in partnership with the University of Agricultural Sciences and Veterinary Medicine Iasi</p> <p>2010 - May- Certificate of completion of the Open Distance Education Technology course, organized by the Center for Open Distance Education and Professional Conversion of the A. I. Cuza University in Iasi,</p> <p>2010 – September – Erasmus mobility and documentation at Esbjerg Institute of Technology (EIT), Aalborg University, Denmark..</p>

2011 – April – Trainer's Diploma in Nuanced Mathematical Techniques in Modeling Processes with Applications in Decision Analysis and Risk Assessment – AI University. I. Cuza, Iasi.

2011 – July – Trainer Diploma in Technology and Information - Agence Universitaire de la Francophonie in partnership with the University of Agricultural Sciences and Veterinary Medicine Iasi

Authorized as an ECDL Examiner and Instructor – examiner certificate with RO 765 series

April 2005 – Obtained Computer Driving License (ECDL Program version 4.0) – ECDL Certificate series RO 005804.

2017 – May – Erasmus+ Teaching mobility at the Faculty of Civil Engineering, Transportation Engineering and Architecture, University of Maribor, Maribor, Slovenia..

2019 – May – Erasmus+ Teaching mobility at E.t.s. De ingeniería Agronómica, Alimentaria y de Biosistemas, Universidad Politécnica de Madrid, Madrid, Spain..

2021 – May – Erasmus+ Teaching mobility at the Faculty of Civil Engineering, Transportation Engineering and Architecture, University of Maribor, Maribor, Slovenia.

2023- May- Erasmus+ Teaching mobility at the Department of Economics, Università degli Studi G.d'Annunzio Chieti-Pescara, Italy

2023- October - Erasmus+ Teaching mobility at the Department of Economics, Università degli Studi G.d'Annunzio Chieti-Pescara, Italy

Participation in international conferences

1. The 3th SREAC's Meeting "Scientific Programs and Astronomy Education in SEE and Ukraine", Bucharest, 16–18 September 2005, România.

2. The XXXVIth Annual ESNA (European Society for New Methods in Agricultural Research) Meeting, 10-14 septembrie 2006, Iași, România.

3. Actual Problems in Celestial Mechanics and Dynamical Astronomy, Cluj-Napoca 25-27 May 2006, România.

4. Conferința Internațională "Fifty Years of Romanian Astrophysics", București, 26-30 Septembrie 2006, România.

5. The XXXVIIth Anual ESNA Meeting „Enviromental Degradation and Agriculture”, JINR, Dubna 10 - 14 September 2007, Rusia.

6. The 5th SREAC's Meeting: "Latest Progress in Astrophysics", Athens, 5-6 October, 2007, Grecia.

7. The XXXVIIIth Annual ESNA Meeting „NEW METHODS IN AGRICULTURAL IMPROVEMENT AND HAZARD ASSESSMENT”, Cracovia 27-31 august 2008, Polonia.

8. Workshop "Recent Insights into our Universe", 22-23 October 2009, Bucharest, Romania. Workshop organised by the Astronomical Institute of the Romanian Academy. Co-author with Dr. Magda Stavinschi of the paper "IYA2009 Education and Outreach".

9. The 17th Young Scientists' Conference on Astronomy and Space Physics, Kyiv, April 26 - May 1, 2010, Ukraine.

10. International Symposium „Trends in the European Agriculture development”, Organized by Banat's University of Agricultural Sciences and University of Novi Sad, 20-21 mai 2010, Timișoara.

11. Simpozionul științific-practic internațional „Realizări și perspective în inginerie agrară și transport auto”, organizat de Universitatea Agrară de Stat din Moldova, Facultatea de Inginerie Agrară și Transport Auto, 2.11.2015, Chișinău, Rep. Moldova.

12. Connections in Astronomy, Astrophysics, Space and Planetary Sciences, International Conference, 29 - 30 May 2017, Cluj Napoca.

13. Simpozionul Științific Internațional „Agricultura modernă – realizări și perspective”, dedicat aniversării a 85 de ani de la fondarea UASM, organizat de Universitatea Agrară de Stat din Moldova, 4-5.10.2018, Chișinău, Rep. Moldova.

14. EUROCORN 2019, The annual European event of the European Federation of Corrosion, "New times, new materials, new corrosion challenges", Seville, Spain, Sept. 2019, EFC Event number 445

15. CEST 2020 - The Central European Symposium on Thermophysics (CEST) 2020, Eger, Hungary, 2-4 sept. 2020, organized by Department of Physics, Constantine the Philosopher University in Nitra, Slovakia

16. ICERI 2021, The 14th annual International Conference of Education, Research and Innovation Seville, Spain, 8th - 9th of November, 2021, organized by The International Academy of Technology, Education and Development (IATED).

17. ICERI 2022, The 15th annual International Conference of Education, Research and Innovation Seville, Spain, 7th - 9th of November, 2022, organized by The International Academy of Technology, Education and Development (IATED).

Participation in National Conferences

2000, 2002, 2003, 2004, 2006, 2007, 2008, 2011, 2012, - Annual scientific session "Horticulture - science, quality, diversity, harmony", USAMV Iasi,

2002, 2006, 2007, 2012 Annual Scientific Session Faculty of Agriculture, USAMV Iasi

2004, 2008, Annual Scientific Session Faculty of Animal Science, USAMV Iasi

2002, 2003 - Annual scientific session of the Astronomical Institute of the Romanian Academy, Bucharest.

2004, 2006, 2014 - Annual Scientific Session Cluj Academic Days, Cluj-Napoca.

October 24-25, 2003, Annual Scientific Session, Faculty of Mathematics, Univ. "Al. I. Cuza", Iasi, Romania..

October 17-19, 2007- International Symposium "Current Environment and Sustainable Development", Univ. Al. I. Cuza, ed. III, Iasi, Romania..

July 10-12, 2008 - The 5th European Conference on Intelligent Systems and Technologies, ECIT 2008, Iasi, Romania.

October 13-15, 2008 - Conference "Pedogenetic factors and processes from the temperate zone, Faculty of Geography, Univ. "Al. I. Cuza", Iasi, Romania.

August 23-29, 2009 - The 19th national conference for soil science: "Assessment and use of soil resources, environmental protection and rural development in the north-eastern region of Romania", USAMV Iași, Romania.

November 19-21, 2010 - Scientific Conferences with International participation "Durable Agriculture - Agriculture of Future" the sixth edition, vol. XL, no. 1 2010, ISSN 1841-8317, Craiova, Romania.

October 24-25, 2014 - National Conference of the Romanian Mathematical Sciences Society, Iasi, Romania

October 2014, 2016, 2018, 2019, 2020, 2021, 2022, 2023 International Scientific Congress - "Life Sciences, a challenge for the future", Iasi, Romania

Experience gained in research programs

1. **2017** - CNFIS-FDI-2017-0500 - "Mechanisms for improving the teaching activity and promoting the ethics of the academic act in USAMV Iași", Project implementation period: 07.09.2017 - 15.12.2017- **Project director**. Project value 192,000 lei (42,667 euros). Three laboratories with computer technology and two laboratories with microscopes for didactic use were equipped
2. **2023** - Research contract funded by a private entity. "Pedochemical analyzes and studies through mathematical modeling regarding the state of soil fertility within SC Integrasem SRL", Period 2023-2025, **Project Director**. Contracted value 54559 lei (11000 euros). The project is ongoing.
3. CEEX ET 72/2006 contract for excellence projects for young researchers, period 2006 - 2008, Fundamental and applied research on the dynamics of asteroids. Director Mr. Lecturer Dr. Cătălin Gales - Univ. "Al. I. Cuza" Iasi. - **team member**.

4. CEEX 1801 contract, period 2006 – 2008, academic GRID for complex applications. No. 74/31.06.2006, Director Mr. university professor Dr. Mitică Craus – Univ. Technique "Gh. Asachi" Iași - **team member**.
5. Contract CEEX P-CD 2922/2006, period 2006 – 2008, Sustainable management of pedoclimatic resources on terraced lands by using multifunctional polymers. Associate Director Dr. Filipov Feodor, USAMV Iași, - **team member**.
6. Contract CEEX 10/2005, period 2005-2007, Development of a traceability system in the vine-wine production sector in order to improve food safety, director. Prof. Dr. V. V. Cotea, USAMV Iași - **team member**.
7. Contract CEEX 37/2006, period 2006 - 2008 Evaluation of the agrobiological potential of some new varieties and hybrids of cherry in order to improve the national assortment, which will capitalize on natural resources in sustainable agriculture". University Prof. Director Dr. Gică Grădinaru, USAMV Iași - **team member**.
8. PNCDI contract no. 51045/2007 ECOSEUMET, period 2007 – 2010 Sustainable exploitation of soil resources from protected areas through the implementation of ecological technologies and the development of monitoring and analysis methods compatible with European Union standards. Associate Director Dr. Filipov Feodor. USAMV Iasi - **team member**.
9. Contract CNCSIS 738/ 2007, period 2007 – 2008: Sustainable management of soil resources on terraced lands in the hilly plain of Moldova, Associate Director Dr. Filipov Feodor (USAMV Iași) - **team member**.
10. The strategic project "Graduates and the Labor Market", period 2010 – 2011, POSDRU/ 60/2.1/S/41750, UEFISCU institutional coordinator Prof. Dr. Ghe. Săvuța (USAMV Iași) - **institutional expert**.
11. POSDRU Project 86/1.2/S/52422, period 2012 – 2013, Management of the correlation of the education system with the labor market, institutional coordinator Prof. Dr. Ghe. Săvuța (USAMV Iași) - **institutional expert**.
12. Project POSDRU 164/2.3/S/138071, period 2014-2015, "Investment in Human Resources - Quality and Efficiency in Agriculture and Services (IRU-CEAS), institutional coordinator Prof. Dr. Vasile Vîntu (USAMV Iași) - **Lecturer Web Page Designer course**.
13. POSDRU/155/1.2/S/141278, "Evidence-based policies and the impact on the labor market" (INFO-HE) project scientifically coordinated by the National Council for the Financing of Higher Education (CNFIS). Project implementation period: 01.04.2014 – 15.12.2015, **institutional expert**.
14. CNFIS-FDI-2018-0418 - "Modernization of the teaching-evaluation activity in agronomic higher education and compliance with deontology and academic ethics", expert, project director Prof. Dr. M. Stanciu, project value, implementation period May 2018 – Dec 2018..
15. Project no. 14644/2018 "Research on the improvement of methods of preservation and utilization as cut flowers, of some ornamental species cultivated in the field", period 2018-2021, associate director Dr. Chelariu Elena Liliana, value 15,000 euros, **team member**.
16. POCU/320/6/21/121103 "EPA - Education, Performance, Employability", Period 2019, Beneficiary: University of Agronomic Sciences and Veterinary Medicine, Bucharest, expert course "Information and communication technology for the management of educational processes". We published the course Chiruță C., Boișteanu P., 2019 - Information and communication technology with applications in educational management.
17. LEARNING CENTER OF USAMV IAȘI-LEARNING FOR LIFE, beneficiary University of Agricultural Sciences and Veterinary Medicine "Ion Ionescu de la Brad" Iași, period: 36 months (2019-2021), Total value: LEI 924,066, EURO 198,000, director Prof. Brezuleanu Olguța, **course expert**,

18. Cross-border Project "Intelligent Valorisation of Agro-Food Industrial Wastes" - INTELWASTES 2soft/1.2/83, financed by the European Union, program Cross Border Cooperation Romania - Republic of Moldova 2014-2020, Period 2020 - 2022, Responsible USV Iasi: conf Dr. Patraş A., **IT manager**.

Areas of competence

Celestial Mechanics;
Mathematical Statistics;
Biomathematics and informatics;
Construction and management of courses using Moodle.

Tasks and activities at the university

Head of Department Sciences 2020 USAMV Iasi

Secretary of Department Sciences 2008-2020, USAMV Iasi

November. 2011 - Expert technical bid evaluation committee of the acquisitions department; USAMV Iasi

September. 2012 - Expert technical bid evaluation committee of the acquisitions department; USAMV Iasi

Member of the organizing team of national and international symposia (ESNA, Iasi, 2006, the Faculty of Horticulture Symposium 2010, 2011, 2012). USAMV Iasi

Other elements to recognize the candidate's scientific contributions;

16 papers in Web of Science Core Collection, H-index – 3,

50 citations (without self-citations) in ISI indexed journals.

13 papers indexed in the SCOPUS database, H-index – 3,

62 citations in SCOPUS indexed journals.

105 citations in the Google Scholar database, H-index - 5

15 papers in the NASA Astrophysics Data System database (Boston, USA) -

<https://ui.adsabs.harvard.edu/>

Date 11.01.2024

Signature

Ciprian CHIRUȚĂ