With a highly qualified faculty, the State University of Maringá (UEM) is in evidence because of its scientific knowledge production within the national and international scenario. Investments in the stricto sensu area made the university conquer the twentieth position among the higher education institutions throughout the country, considering the doctorate, in addition to being the only state university in Paraná to appear in the TOP 20 ranking.

Currently, UEM offers the community 26 doctorate and 52 master degree courses for undergraduate students and professionals in different fields of knowledge. In the last evaluation by the Brazilian Coordination for the Improvement of Higher Education Personnel (Capes), five programs with score 6 were confirmed: Graduate Studies in Agronomy, Ecology of Inland Waters, Chemical Engineering, Chemistry and Animal Science.

These results attest to the vocation of UEM towards the training of qualified professionals and reinforce the commitment to the development of a more fair and egalitarian society based on knowledge diffusion.

This catalog shows the main characteristics, faculty, research lines, evaluation by Capes, and the relevant publications of the different graduate programs offered by UEM.
<table>
<thead>
<tr>
<th>Program</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>AGRICULTURAL SCIENCES</td>
<td>9</td>
</tr>
<tr>
<td>Professional Graduate Program in Agroecology</td>
<td>10</td>
</tr>
<tr>
<td>Graduate Program in Agronomy</td>
<td>11</td>
</tr>
<tr>
<td>Graduate Program in Food Sciences</td>
<td>12</td>
</tr>
<tr>
<td>Graduate Program in Agricultural Sciences</td>
<td>13</td>
</tr>
<tr>
<td>Graduate Program in Genetics and Breeding</td>
<td>14</td>
</tr>
<tr>
<td>Graduate Program in Sustainable Production and Animal Health</td>
<td>15</td>
</tr>
<tr>
<td>Graduate Program in Sustainability</td>
<td>16</td>
</tr>
<tr>
<td>Graduate Program in Animal Science</td>
<td>17</td>
</tr>
<tr>
<td>BIOLOGICAL SCIENCES</td>
<td>18</td>
</tr>
<tr>
<td>Graduate Program in Comparative Biology</td>
<td>19</td>
</tr>
<tr>
<td>Graduate Program in Environmental Biotechnology</td>
<td>20</td>
</tr>
<tr>
<td>Graduate Program in Biological Sciences</td>
<td>21</td>
</tr>
<tr>
<td>Graduate Program in Physiological Sciences</td>
<td>22</td>
</tr>
<tr>
<td>Graduate Program in Ecology of Inland Waters</td>
<td>23</td>
</tr>
<tr>
<td>EXACT AND EARTH SCIENCES</td>
<td>24</td>
</tr>
<tr>
<td>Professional National Network Graduate Program for Teaching Environmental Sciences</td>
<td>25</td>
</tr>
<tr>
<td>Professional National Graduate Master Degree Program in Physics</td>
<td>26</td>
</tr>
<tr>
<td>Graduate Program in Biostatistics</td>
<td>27</td>
</tr>
<tr>
<td>Graduate Program in Computer Science</td>
<td>28</td>
</tr>
</tbody>
</table>
Sumary

Graduate Program in Education for Science and Mathematics Teaching ................................................................. 29
Graduate Program in Physics ........................................................................................................................................... 30
Graduate Program in Geography ........................................................................................................................................ 31
Graduate Program in Mathematics ...................................................................................................................................... 32
Professional National Network Graduate Program in Mathematics ........................................................................ 33
Graduate Program in Chemistry ........................................................................................................................................... 34

ENGINEERING ................................................................................................................................................................. 35
Graduate Program in Food Engineering ................................................................................................................................. 36
Graduate Program in Bioenergy ............................................................................................................................................ 37
Graduate Program of Civil Engineering ................................................................................................................................. 38
Graduate Program in Mechanical Engineering .......................................................................................................................... 39
Graduate Program in Chemical Engineering ............................................................................................................................ 40
Graduate Program in Urban Engineering ............................................................................................................................... 41

HEALTH SCIENCES .......................................................................................................................................................... 42
Professional Graduate Program in Pharmaceutical Assistance .......................................................................................... 43
Graduate Program in Biosciences and Physiopathology ........................................................................................................ 44
Graduate Program in Health Sciences ................................................................................................................................. 45
Graduate Program in Pharmaceutical Sciences ...................................................................................................................... 46
Graduate Program in Physical Education ............................................................................................................................... 47
Professional National Network Graduate Program in Physical Education ....................................................................... 48
Summary

Graduate Program in Nursing .................................................................................................................................................................................. 49
Graduate Program in Integrated Dentistry .................................................................................................................................................................. 50
HUMAN SCIENCES .................................................................................................................................................................................................................. 51
Professional National Network Master Graduate Program in Sociology ................................................................................................................................................................................. 52
Graduate Program in Social Sciences ........................................................................................................................................................................ 53
Graduate Program in Education .................................................................................................................................................................................. 54
Graduate Program in Philosophy ............................................................................................................................................................................ 55
Graduate Program in History .................................................................................................................................................................................. 56
Professional National Network Master Graduate Program in History ............................................................................................................................................................................... 57
Graduate Program in Public Policies ..................................................................................................................................................................... 58
Graduate Program in Psychology .......................................................................................................................................................................... 59
APPLIED SOCIAL SCIENCES ........................................................................................................................................................................................................ 60
Graduate Program in Management ........................................................................................................................................................................... 61
Graduate Program in Architecture and Urbanism ......................................................................................................................................................... 62
Graduate Program in Accounting Sciences ................................................................................................................................................................. 63
Graduate Program in Economic Sciences ................................................................................................................................................................. 64
Graduate Program in Intellectual Property and Technology Transfer for Technological Innovation ........................................................................................................................................................................ 65
LINGUISTICS, LITERATURE AND LANGUAGES ...................................................................................................................................................................................................... 66
Graduate Program in Languages ........................................................................................................................................................................ 67
Professional Graduate Program in Languages ............................................................................................................................................................ 68
AGRICULTURAL SCIENCES
The Graduate Program in Agroecology (Programa de Pós-Graduação em Agroecologia – Professional Master Degree - PROFAGROEC) has its focus on educating and qualifying professionals in order to supply the increasing demand of the agroecology science, considering technical assistance, creation and validation of technology, in addition to teaching and training those involved in the agroecology model. Such a program also meets the specific research demand of the family-based agroecology by stimulating production and disseminating multidisciplinary scientific knowledge. It uses a systemic collaborative research method by focusing on the knowledge construction of the individuals involved in the process, that is, technicians, students and family-based agriculturists. It is currently open for professionals of different knowledge fields who either work or are interested in developing their work in agroecology.

Faculty:

Research Lines:
- Agroecological Management of the Soil;
- Agroecological Management of Plagues and Diseases;
- Agroecological Production Systems.

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Bloco 115 – Secretaria do Núcleo de Agroecologia e Desenvolvimento Sustentável (NADS)
Av. Colombo, 5.790 - Maringá – PR
CEP 87020-900

Theses and Dissertations: Scientific Production
The Graduate Program in Agronomy (Programa de Pós-Graduação em Agronomia) at the State University of Maringá has been offering master and doctoral degrees since 1995 and 1999, respectively, and it is included in the excellence group of graduate programs in Brazil. The program prepares researchers, professors and other specialized professionals able to make outstanding contributions for agriculture in Brazil and other countries. The program emphasizes researches that increase the efficiency of crops for producing food, fiber, and bioenergy, in addition to seeking to promote the sustainable use of land resources and improve the environment quality. The program has three concentration fields: Vegetable Production, Soil and Plant Nutrition, and Plant Protection. The program has 23 tenured faculty advisers; 19 of them are from the Department of Agronomy and the other four ones work in the following departments: Cell and Genetic Biology Department, Biochemistry Department, Biology Department and Chemical Engineering Department. Currently there are about 150 graduate students enrolled in the program, and about 90% of them are full-time students. (See more)

Faculty:
Alessandro Lucca Braccini, Antonio Carlos Andrade Gonçalves, Antonio Carlos Saraiva da Costa, Carlos Alberto Scapim, Cássio Antonio Tormena, Cláudia Regina Dias Arieira, Dauti José Tessmann (Coordinator), Eliezer Rodrigues de Souto, Jamil Constantin, João Batista Vida, Kátia Regina Freitas Schwan Estrada, Lúcio Cardozo Filho, Marcelo Augusto Batista, Marcos Rafael Nanni (Assistant Coordinator), Maria Celeste Gonçalves Vidigal, Maria de Fátima Pires da Silva Machado, Pedro Soares Vidigal Filho, Roberto Rezende, Rubem Silvério de Oliveira Junior, Werner Camargos Antunes, William Mário de Carvalho Nunes.

**Relevant Publications**

- Seasonal changes in soil physical properties under long-term no-tillage
- Distinct growth light and gibberellin regimes alter leaf anatomy and reveal their influence on leaf optical properties
- Changes in sorption of indaziflam and three transformation products in soil with aging
- Partial least squares regression (PLSR) associated with spectral response to predict soil attributes in transitional lithologies
- Evaluation of Resistance to Asiatic Citrus Canker among Selections of Pêra Sweet Orange (Citrus sinensis)

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www.pga.uem.br

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Bloco I-45, sala 102 - 2º piso
Av. Colombo, 5.790 - Maringá - PR
CEP: 87020-900

**Theses and DissertationS: Scientific Production**

**Level: Master’s degree and Doctorate**

**Research Lines:**

**VEGETABLE PRODUCTION** - Agricultural production and management; Plant morphogenesis, and biochemical molecular characterization; Plant Protection - Weed management and herbicide dynamics in the environment; Plant disease control; Soil and Plant Nutrition – Soil and water physics and management. Soil chemistry and fertility, and plant nutrition.
The Graduate Program in Food Sciences (Programa de Pós-Graduação em Ciência de Alimentos-PPC) has the purpose of qualifying human beings (master and doctoral degrees) able to teach at universities, as well as work at research institutes and industries in order to promote the advancement of scientific and technological knowledge in the food science field. The program is open to newly graduated students, researchers and professors with qualifications in the fields of Food Engineering, Chemical Engineering, Biochemistry, Chemistry, Food Technology, Chemistry, Nutrition, Agronomy, Zootechnology, Biological Sciences, Pharmacy, Veterinary Medicine, and Biomedicine. Applicants graduated in other fields and other professionals may be considered at the criterion of the admission committee. The research projects developed by the program are generally multidisciplinary, frequently encompassing (1) further knowledge on food and analyses related to the changes occurring during industrial processing; (2) the interdependence between food and good health, and (3) food quality in its most plentiful meaning. The faculty is constituted of 20 tenured professors who work in four different research lines, which are constantly updated in order to meet the increasing domestic and international demand by highly qualified professionals. The program offers scholarships from both, Capes and the Brazilian National Council for Scientific and Technological Development (CNPq), as well as from the State of Paraná Government Foundation (Fundação Araucária). It also supports academic mobility abroad at post-doc level.

Faculty:

Level: Master’s degree and Doctorate

Research Lines:
Biochemistry and biotechnology;
Food functionality and safety;
Quality in animal and vegetable production;
Quality in the processing of animal and vegetable derivatives and wastes;

Theses and Dissertations: Scientific Production

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www.ppc.uem.br
The Graduate Program in Agricultural Sciences (Programa de Pós-Graduação em Ciências Agrárias - PAG) meets the demands of the Institution in the courses of Agronomy, Veterinary Medicine and Agricultural Engineering. It aims at incorporating science and technology, in addition to promoting active exploration, personal involvement, curiosity, the use of the senses, and the intellectual effort for formulating questions and searching for innovative answers. Furthermore, it aims at increasing the productivity and quality standard of the several products that embrace the agribusiness production chain in Brazil.

Faculty:

Research Lines:
- Agricultural production systems;
- Use and management of soil and water.

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sec-pag@uem.br
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Address:
Universidade Estadual de Maringá
Câmpus Regional de Umuarama Centro de Ciências Agrárias - CCA
Estrada da Paca, s/nº São Cristovão
CEP: 87502-970 - Umuarama- PR

Theses and Dissertations: Scientific Production

Relevant Publications
- Allelopathic potential of Cymbopogon citratus over beggarticks (Bidens sp.) germination
- Control of Meloidogyne paraensis in coffee plants mediated by silicon
- Management of soy supply (Glycine max) and its exploitation in farming crambe (Crambe abyssinica)
- Response to water stress in transgenic (Gene p5cs) wheat plants (Triticum aestivum L)
- Selectivity of herbicides associations with chemical protector in the treatment of sweet sorghum hybrid seeds
The Graduate Program in Genetics and Breeding (Programa de Pós-Graduação em Genética e Melhoramento - PGM) is the only program in this field in the South Region of Brazil. It has been qualified as an Excellence Program by Capes with score 5 since its first triennial evaluation (2004-06). It has a dedicated and competent faculty, being 82% of its members Research Productivity Grant of CNPq. With a timespan of approximately 24 months for the master's level, and 36 months for the doctorate, it is intended for newly graduate students, researchers and professors graduated in Agronomy, Biological Sciences, Animal Science and related fields. The Program receives financial support, including scholarships from Capes, CNPq, Fundação Araucária, and the Brazilian Financial Supporter for Studies and Projects (Finep) among other public and private companies.

**Faculty:**
Carlos Alberto Scapim, Claudete Aparecida Mangolin, Eliezer Rodrigues de Souto, Isabel Cristina Martins dos Santos, Leandro Simões Azeredo Gonçalves, Maria Aparecida Fernandez, Maria Celeste Gonçalves Vidigal, Maria Claudia Colla Ruolo Takasusuki, Maria de Fátima Pires da Silva Machado, Pedro Soares Vidigal Filho (Assistant Coordinator), Ronald Jose Barth Pinto (Coordinator).

**Research Lines:**
- Quantitative Genetics and Plant Breeding;
- Plant Genetics;
- Molecular and Microorganisms Genetics;
- Animal Genetics.

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**Theses and Dissertations:**
Scientific Production

**Field:** Agricultural Sciences

**Level:** Master's degree and Doctorate

**Capes Ranking:** 5
The Graduate Program in Sustainable Production and Animal Health (Programa de Pós-Graduação em Produção Sustentável e Saúde Animal - PPS) is intended to promote active exploration, personal involvement, curiosity, the use of the senses and intellectual effort for formulating questions, considering the search for innovative answers that may help to raise the standard of productivity and quality of the several products that embrace the agribusiness production chain in Brazil, associated to the human and animal quality of life. The graduates of the program have the opportunity to participate, develop and evaluate, with critical sense, the activities related to research, teaching, extension and management, in a multidisciplinary perspective on integrated management, prevention, control and characterization of diseases, in addition to acting in health protection, as well as animal and environmental biosafety.

Faculty:
Antonio Campanha Martinez (Coordinador), Ferenc Istvan Bankuti, Flávio Augusto Vicente Seixas, Juliano Bortolo De Conti, Maria José Baptista Barbosa, Marilda Onghero Taffarel, Max Gimenez Ribeiro (Assistent Coordinador), Oduvaldo Câmara Marques Pereira Júnior, Rafael Henrique de Tonissi e Buschinelli de Goes, Sheila Rezler Wosiacki

Research Lines:
Sustainable Production;
Animal health.

Adress:
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www.cau.uem.br

Relevant Publications

Purification, structural and biophysical characterisation of the major seminal plasma protein from Texel rams. ANIMAL REPRODUCTION SCIENCE, 2017


The Graduate Program in Sustainability (Programa de Pós-Graduação em Sustentabilidade - PSU) aims at producing interdisciplinary knowledge by developing research and studies that contribute to the evolution of knowledge on sustainability. The research lines subsidize the production of diagnostics, prognoses, evaluations and reports for the use of planning and territorial management policies, in addition to using natural products.

Faculty:
Alexandre Botari, Andréia Cristina Peres Rodrigues da Costa, Cláudio Alessandro Massamitsu Sakamoto, Cristiane Mengue Feniman Moritz (Assistant Coordinator), Diane Belusso, Érica Marusa Pergo Coelho, Flavio Augusto Vicente Seixas, Francielle Sato, Júlio César Guerreiro, Leandro Vanalli, Máriam Trierveiler Pereira, Norma Barbado, Otávio Akira Sakai (Coordinator), Paulo Sérgio Lourenço de Freitas, Sérgio Trajano Franco Moreiras, Stella Alonso Rocha, Valdir Zucareli

Research Lines:
Sustainable Management of Natural Resources; Natural Product Technology.

Capes Ranking: 3
Level: Master’s degree

Theses and Dissertations: Scientific Production

Adress:
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www.psu.uem.br
Graduate Program in Animal Sciences

The Graduate Program in Animal Sciences (Programa de Pós-Graduação em Zootecnia – PPZ) aims at training professors, researchers and specialized professionals to develop research and technologies in the several fields of animal sciences. The program is intended to professionals of agricultural sciences and related areas graduated in recognized national and foreign equivalent institutions.

Faculty:

Research areas:
Animal nutritional requirements: ruminants and nonruminants; Feed and by-products evaluation for ruminants and nonruminants; Study of the interface referred to as animal nutrition–environment–behavior–reproduction; Evaluation of conservation quality and nutritional value of silage and hay; Water quality control and aquaculture; Methods for estimating feed intake by animals in graze; Ecophysiology and production systems of forage plants and performance of animals in grazing; Production and feed systems for ruminants and nonruminants; Genetic evaluation, programs of selection and crossbreeding; Description and development of aquaculture lineages; Behaviour, production and bee pollination; Application and evaluation of processing techniques in animal products and by-products.

Adress:

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Theses and Dissertations

Relevant Publications
Effects of methionine supplementation on the redox state of acute heat stress–exposed quails
Ruminal Prevotella spp. May Play an Important Role in the Conversion of Plant Lignans into Human Health Beneficial Antioxidants
An inhibitor persistently decreased enteric methane emission from dairy cows with no negative effect on milk production.
Pre-Slaughter Stress Affects Ryanodine Receptor Protein Gene Expression and the Water-Holding Capacity in Fillets of the Nile Tilapia
β-glucuronidase activity and enterolactone concentration in ruminal fluid, plasma, urine, and milk of Holstein cows fed increased levels of flax (Linum usitatissimum) meal

Level: Master’s degree and Doctorate
BIOLOGICAL SCIENCES
The Graduate Program in Comparative Biology (Programa de Pós-Graduação em Biologia Comparada - PGB) aims at professionally qualifying the biologist in the several activities planned by the Federal Council of Biology in the fields of Genetics, Molecular Biology, Botany, Morphology, Physiology, Animal Science, Ecology, Biochemistry, Embryology and Microbiology.

**Faculty:**


**Research Lines:**

- Structure and function of organic diversity
- Structure and function of organic interactions

**Relevant Publications**


**Capes Ranking:** 4

**Level:** Master’s degree and Doctorate

**Adress:**

Universidade Estadual de Maringá
Centro de Ciências Biológicas - CCB
Av. Colombo, 5.790 - Bloco G-80
Maringá - PR - CEP: 87020-900

**Contact:**

+55 (44) 3011-3750
sec-pgb@uem.br
www.pgb.uem.br
The Graduate Program in Environmental Biotechnology (Programa de Pós-Graduação em Biotecnologia Ambiental - PBA) aims at training professionals able to study, change, synthesise and produce compounds from living matter (microorganisms, animals and plants) by providing processes and products that guarantee greater economy, efficacy, competitiveness and adaptability in the final use.

Faculty:
Alessandra Valéria de Oliveira, Alexandre Lima Nepomuceno, Ana Luiza de Brito Portela Castro (Coordinator), Arildo José Braz de Oliveira, Claudete Aparecida Mangolin, Eduardo Cesar Meurer, Eliane Gasparino, Hélio Conte, João Alencar Pamphile (Assistant Coordinator), João Lúcio de Azevedo, Luiz Fernando Cótica, Maria Claudia Colla Ruvolo Takasusuki, Rosane Marina Peralta, Rosângela Bergamasco, Vagner de Alencar Arnaut de Toledo, Veronica Elisa Pimenta Vicentini.

Research lines:
- Mutagenesis and environmental monitoring;
- Biodiversity, biocatalysis and biotransformation;
- Bioprospecting and biological control.

Related Publications:
- Chemical characterization and prebiotic activity of fructo-oligosaccharides from Stevia rebaudiana (Bertoni) roots and in vitro adventitious root cultures
- Compositional Design of Dielectric, Ferroelectric and Piezoelectric Properties of (K, Na)NbO3 and (Ba, Na)(Ti, Nb)O3 Based Ceramics Prepared by Different Sintering Routes
- Unusual RNA plant virus integration in the soybean genome leads to the production of small RNAs
- 3-Nitropropionic acid production by the endophytic Diaporthe citri: Molecular taxonomy, chemical characterization, and quantification under pH variation
- Use of transgenic Aedes aegypti in Brazil; risk perception and assessment

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Contact:
+55 (44) 3011-5970
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www.pba.uem.br
The Graduate Program in Biological Sciences (Programa de Pós-Graduação em Ciências Biológicas - PBC) offers courses in biochemistry, molecular biology, cell biology and other advanced courses, with an interdisciplinary approach to the Biological Sciences field. The main purpose of such a program is to qualify the students towards teaching and/or research in the academy or other institutions. The students will develop experimental research for elaborating their thesis/dissertations, in addition to training teaching in undergraduate courses related to the Biological Sciences field by integrating undergraduate and graduate studies. The PBC is considered an excellent graduate program.

Faculty:

Ana Luiza de Brito Portela Castro, Ana Silvia Lapenta, Carlos Moacir Bonato, Celso Vataru Nakamura, Ciomar Aparecida Bersani Amado, Clarece Luzia Salgueiro, Cristina Giatti Marques de Souza, Emy Luiza Ishii Iwamoto (Assistant Coordinator), Flavio Augusto Vicente Seixas, Ione Parra Barbosa Tessmann, Jorgete Constantin, Jurandir Fernando Comar, Marco Aurelio Shüler de Oliveira, Maria Aparecida Fernandez (Coordinator), Maria Raquel Marçal Natali, Marialba A. Alves Castro Prado, Max Jean de Ornelas Toledo, Nilza Cristina Buttow, Osvaldo Ferrarese Filho, Paulo Cézar de Freitas Mathias, Roberto Barbosa Bazotte, Rodrigo Polimeni Constantin, Rogério Marchiosi, Vilma A.Ferreira de Godoi, Wanderley Dantas dos Santos, Wilson Alves do Prado.

Research Lines:

- Biochemistry and Genetics of Microorganism
- Structural and Molecular Biology
- Vegetal Genetics and Biochemistry
- Bioenergetics, Physiology and Cell Metabolism

Theses and Dissertations: Scientific Production

- Bile acid receptor agonists INT747 and INT777 decrease oestrogen deficiency-related postmenopausal obesity and hepatic steatosis in mice.
- Biological activities and chemical constituents of Araucaria angustifolia: An effort to recover a species threatened by extinction.
- Genotoxic investigation of a thiazolidinedione PPARγ agonist using the in vitro micronucleus test and the in vivo homozygotization assay.
- Neonatal treatment with scopolamine butylbromide prevents metabolic dysfunction in male rats.
- 1,3,4-Thiadiazole derivatives of R-(+-)limonene benzaldehyde-thiosemicarbazones cause death in Trypanosoma cruzi through oxidative stress.

Capes Ranking: 5

Level: Academic Master’s degree and Doctorate

Adress:

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sec-pbc@uem.br
www.pbc.uem.br
The Graduate Program in Physiological Sciences (Programa de Pós-Graduação em Ciências Biológicas - PFS), enables to learn diversified and convergent methods and techniques that help in the elaboration and elucidation of investigation hypotheses in the biological science field. The program stimulates the development of experimental skills and the critical sense needed for scientific production and for acting in teaching and research. Furthermore, it integrates the theoretical knowledge of physiology, biochemistry, pharmacology and histology and respective experimental tools applicable to the understanding of the human organism functioning, thus contributing to the expansion and strengthening of scientific study.

Faculty:
Adelar Bracht, Cecília Edna Mareze Costa (Assistent Coordinator), Célia Regina Ambiel Silva, Fabiana Andrade Machado, Jacqueline Nelis, Jurandir Fernando Comar, Kellen Brunaldi, Maria Ida Spezialli, Maria Montserrat Diaz Pedrosa, Maria Raquel Marçal Natali, Paulo Cesar Mathias, Rosana Torrezan, Sidney Barnabé Peres, Solange Marta Franzói de Moraes (Coordinator), Vilma Aparecida Ferreira Godoy, Wilson Alves do Prado.

Relevant Publications
Pedro, RE; Candido, N; Guariglia, D; Melo, B; Bertolini, DA; Peres, SB; Franzoi de Moraes, SM. Exercise improves cytokine profile in HIV-infected people: A randomized clinical trial.

Capes RAnking: 3
Level: Academic Master’s degree
Research Lines:
Integrative physiology;
Exercise physiology.

Theses and Dissertations: Scientific Production

Adress:
Universidade Estadual de Maringá
Centro de Ciências Biológicas - CCB
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www.dfs.uem.br
The Graduate Program in Ecology of Inland Waters (Programa de Pós-Graduação em Ecologia de Ambientes Aquáticos Continentais - PEA) aims at training professionals capable of dealing with environmental problems in an integrated way in order to act in the preservation and monitoring of ecosystems, assuming a holistic point of view. The projects funded by fomentation agencies enable the group to carry out its research in the same geographic area (rivers, streams, floodplain and reservoirs of the upper Paraná River basin). For the floodplain of the upper Paraná River (the last stretch of this river free from reservoirs in the Brazilian territory), the knowledge generated served as a basis for the creation of the Environmental Protection Area of the islands and lowlands of Paraná River, and helped to define the boundaries of the parks known as Parque Nacional de Ilha Grande and Parque Estadual de Ivinhema. Therefore, the PEA seeks to provide MSc and PhD students with comprehensive training to work in the area of biodiversity conservation and management of inland aquatic ecosystems.

**Faculty:**

**Research Lines:**
Ecology of rivers and wetlands; Ecology and management of reservoirs.

**Theses and Dissertations: Scientific Production**


Evangelista, HB; Michelan, TS, Gomes LC; Thomaz SM. 2017. Shade provided by riparian plants and biotic resistance by macrophytes reduce the establishment of an invasive Poaceae. Journal of Applied Ecology 54: 648-656.

Schwind, LTF; Arrieira, RL, Simoes, NR; Bonecker, CC; Lansac-Toha, FA. 2017. Productivity gradient affects the temporal dynamics of testate amoebae in a neotropical floodplain. Ecological Indicators 78: 264+269.


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www.pea.uem.br
EXACT AND EARTH SCIENCES
The Professional National Network Graduate Program for Teaching Environmental Sciences (Programa de Pós-Graduação em Rede Nacional para o Ensino das Ciências Ambientais - ProfCiamb) promotes the development of methodologies that enable the public school teachers to insert motivation, information, experimentation, demonstrations, and knowledge production into their classroom pedagogical practice with regard to the environmental science field.

Faculty:

Research Lines:
Environment and society;
Natural resources and technology.

Field: Exact and Earth Sciences

Professional National Network Graduate Program for Teaching Environmental Sciences

Level: Professional Master’s degree

Capes Ranking: 4

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Theses and Dissertations: Scientific Production
Thematic National Graduate Master Degree Program in Physics

The Professional National Graduate Master Degree Program in Physics (Programa de Mestrado Nacional Profissional em Ensino de Física - MNPEF) is a national professional graduate program for Elementary Education and high school teachers, whose main focus is on aspects and contents of Physics. It is an initiative of the Brazilian Physical Society (SBF) with the purpose of coordinating different capabilities presented by several Higher Education Institutions (HEIs) situated throughout the country. At a master degree level, the aim is enabling the greatest fraction of Elementary Education teachers to master the contents of Physics and teaching current methods to be applied in the classroom, such as, strategies that use electronic, technological and/or computer media resources for information, motivation, experimentation and demonstrations of different physical phenomena.

Faculty:
Breno Ferraz de Oliveira, Hatsumi Mukai (Coordenador), Hercilia Alves Pereira, José Roberto Dias Pereira, Jusmar Valentim Bellini, Luciano Gonsalves Costa (Coordenador Adjunto), Mauricio Antonio Custodio de Melo, Paulo Ricardo Garcia Fernandes, Ronaldo Celso Viscovini, Shalimar Calegari Zanata.

Research lines:
- Physics in Elementary Education;
- Physics in high school;
- Teaching and learning processes, information and communication technologies in physics teaching.

Relevant Publications

Produtos educacionais
Dissertações
Simulações didáticas de ondas eletromagnéticas e polarização da luz.
Maquete didática de um sistema trifásico de corrente alternada com Arduino: ensinando sobre a rede elétrica.

Capes Ranking: 4

Level: Professional Master's

Field: Exact and Earth Sciences

Adress:
Universidade Estadual de Maringá
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+55 (44) 3011-5900
mnpef_uem@dfi.uem.br
www.dfi.uem.br/dfimestrado/
The main purpose of the interdisciplinary academic Graduate Program in Biostatistics (Programa de Pós-Graduação em Bioestatística - PBE) is to provide professional conditions to make suitable planning, and use appropriate statistical methodologies in order to obtain solid and reliable results in health and biological studies, among others. Besides these aspects, and considering the sub-fields of expertise, at the end of the course the professionals should be able to understand the phenomena of health and biological fields, as well as their social interrelationships in order to make causal connections among diseases and risk factors. Under these perspectives of achieving the proposed qualifications, the philosophy of the program is promoting inter and transdisciplinarity among the faculty and the researchers from the health and biological fields. Furthermore, considering research, the program aims at developing attitudes and ethical values.

Faculty:

Relevant Publications


Evaluation, intervention, and follow-up of patients with diabetes in a primary health care setting in Brazil: the importance of a specialized mobile consultancy. Diabetologia & Metabolic Syndrome, v. 8, p. 1-11, 2016


Capes Ranking: 4

Level: Academic Master’s degree

Research Lines:
Quantitative methods applied to health; Applied statistics.

Theses and Dissertations: Scientific Production

Adress:
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+55 (44) 3011-5450
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The Graduate Program in Computer Science (Programa de Pós-Graduação em Ciência da Computação - PCC) aims at enabling the graduated students to broaden knowledge in the field and to improve their critical sense in order to reach a high standard of scientific and technical-professional competence. Therefore, it has an environment with appropriate resources for developing scientific research at UEM and surrounding regions. In addition to training qualified personnel to carry out higher education activities, it also prepares researchers for scientific, technological and innovative development, as well as it strengthens research groups.

Faculty:

Relevant Publications

Effective local search algorithms for high school timetabling problems. APPLIED SOFT COMPUTING, v. 60, p. 363-373, 2017


Combining visual and acoustic features for audio classification tasks. PATTERN RECOGNITION LETTERS, v. 88, p. 49-56, 2017

A robust adaptive fuzzy variable structure tracking control for the wheeled mobile robot: Simulation and experimental results. CONTROL ENGINEERING PRACTICE, v. 64, p. 27-43, 2017

Capes Ranking: 4

Level: Academic Master’s degree

Research Lines:
Information systems;
Computer systems;
Computational intelligence.

Theses and Dissertations: Scientific Production

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sec-pcc@uem.br
www.din.uem.br/mestrado
The Graduate Program in Education for Science and Mathematics Teaching (Programa de Pós-Graduação em Educação para a Ciência e o ensino de Matemática - PCM) is a response to the growing demand of both, graduates from the undergraduate courses and professors who work with elementary and higher education in public and private institutions and seek to improve their teacher training and/or their research ability. Under this perspective, the course is guided by the following purposes: training qualified personnel to act in the educational system at all levels with the aim of creating a space for discussing references to a science that is constructed from a mediation of research and of its techniques in the educational space; articulating the research and action of the different aspects related to science and mathematics teaching based upon the necessary reflection by teachers on their educational practice; contributing to teaching improvement and the development of a research field in scientific education based on an inter, pluri and transdisciplinary project of knowledge.

Faculty:

Relevant Publications

Análise da transposição didática na formação continuada sobre Meio Ambiente de professores de Ensino Fundamental

Aspectos históricos da Formação de professores de Ciências: alguns apontamentos para a construção de identidades docentes

Arte Y Ciencia: Possibilidades de la reaproximación en La contemporaneidad

Contribuições filosóficas do conceito de tempo para o Ensino de Ciências: uma análise da representação de tempo em licenciandos de Química e Biologia

O Codex Cigoli-Galileo: ciência, arte e religião num enigma copernicano. (LIVRO)

Capes Ranking: 5

Level: Master’s degree and Doctorate

Research Lines:

STS-A and Teaching-Learning Processes in Contemporary Scientific Education; Teacher Training and the educational conjunctures in Brazil and in the world; History, Epistemology and Ethics of Science.

Theses and Dissertations: Scientific Production

Adress:
Universidade Estadual de Maringá
Centro de Ciências Exatas - CCE
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www.pcm.uem.br
The Graduate Program in Physics (Programa de Pós-Graduação em Física- PFI) has as a main purpose the education of masters and doctors able to contribute with the scientific and technological advance by developing projects and innovating actions in order to assist the regional, state and national demands that meet the frontier of knowledge in Condensed Matter Physics, General Physics and Classical Areas of Phenomenology and its Applications. Currently, the program has 18 tenured professors who promote an intense scientific and technological exchange with national and international educational research institutions. The PFI receives quotas of scholarships from Capes, CNPq and Fundação Araucária.

Faculty:

Relevant Publications

Unravelling the effects of radiation forces in water.
The role of constraints within generalized nonextensive statistics.
Absolute thermal lens method to determine fluorescence quantum efficiency and concentration quenching of solids.
Anomalous diffusion governed by a fractional diffusion equation and the electrical response of an electrolytic cell.
Mechanosynthesized BiFeO3 Nanoparticles with Highly Reactive Surface and Enhanced Magnetization.

Capes Ranking: 5

Level: Academic Master’s degree and Doctorate

Research Lines:
Photoacoustic Spectroscopy; Photothermal Spectroscopy; Infrared Spectroscopy; Biological systems; Luminescence and solid spectroscopy; Optical and Spectroscopic Properties of Materials; Thermal Properties; Thermo-optical Properties; Vibrational Spectroscopy; Production and Characterization of Optical Glasses; Densitometry and Rheology; Order and non-linear Parameters; Electrical Properties; Optical properties of uniaxial and biaxial phases; Thermo-optical Characterization and Material Mechanics; Effects of radiation pressure; Mathematical Modelling of the light-matter interaction effect applied to experimental techniques; Nanoparticle generation by laser ablation; Photochemical reactions and laser-induced mass diffusion.

Theses and Dissertations: Scientific Production

Unravelling the effects of radiation forces in water.
The role of constraints within generalized nonextensive statistics.
Absolute thermal lens method to determine fluorescence quantum efficiency and concentration quenching of solids.
Anomalous diffusion governed by a fractional diffusion equation and the electrical response of an electrolytic cell.
Mechanosynthesized BiFeO3 Nanoparticles with Highly Reactive Surface and Enhanced Magnetization.

Adress:
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Recognized by Capes in 1997, the Graduate Program in Geography (Programa de Pós-Graduação em Geografia - PGE) supplies the demand for qualified professionals in Geographical Sciences and related areas that work in academic training, extension and research related to the analysis of space production, territorial dynamics and environmental analysis. The Program has as one of its purposes the training of professionals to act in education and research fields in public and private agencies.

**Faculty:**
Angela Maria Endlich, Bruno Luiz Domingos De Angelis, Claudivan Sanches Lopes, Deise Regina Elias Queiroz, Edison Fortes, Edvard Elias de Souza Filho, Elpídio Serra (Assistant Coordinator), Fernando Luiz de Paula Santil, Hélio Silveira (Coordinator), Henrique Manoel da Silva, Maria das Graças de Lima, Maria Eugênia Moreira Costa Ferreira, Maria Teresa de Nóbrega, Marta Luzia de Souza, Mauro Parolin, Nelson Vicente Lovatto Gasparetto, Paulo Nakashima.

**Research Lines:**
- Environmental Analysis,
- Space Production and Territorial Dynamics.

**Relevant Publications**
- Floodplain evolution in a confluence zone: Paraná and Ivaí Rivers, Brazil.
- Técnicas Agrícolas, Preservação e Impactos Ambientais na Região Oeste do Paraná.
- Variabilidade pluviométrica e a erosibilidade na unidade hidrográfica Pirapó, Paranapanema III e IV-Paraná.
- Landscape structure in the Pirapó, Paranapanema 3 and 4 Hydrographic Unit, in the state of Paraná, Brazil.
- Mobilidades, comércio e consumo da feira de Leiria: conflitos de uma centralidade temporária.

**Capes Ranking: 5**

**Level: Master’s degree and Doctorate**

**Research Lines:**
- Environmental Analysis,
- Space Production and Territorial Dynamics.

**Adress:**
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Centro de Ciências Humanas Letras e Artes - CCH
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Graduate Program in Mathematics

The Master Course was created by resolution No 099/98-CEP and initiated its activities in 1999; the Doctorate Course in Mathematics was created by Resolution No 011/09-COU and started its activities in 2010. The Graduate Program in Mathematics (Programa de Pós-graduação em Matemática - PMA) offers Master and Doctoral courses in Mathematics in the fields of Algebra, Analysis, Geometry and Topology; and Applied Mathematics. PMA has as main purposes to create and disseminate knowledge in mathematics, in addition to effectively contributing to the training of high-level professors and researchers in mathematics field, in order to meet the aspirations of the society.

Faculty:

Research Lines:
- Theory of Groups, Rings and Applications (L1)
- Commutative Algebra and Algebraic Geometry (L2)
- Differential Equations and Functional Analysis (L3)
- Nonlinear Equations in Mathematical Physics (L4)
- Stabilization and Control of Distributed Systems (L5)
- Lie Theory and Applications (L6)
- Singularity Theory and Disaster Theory (L7)
- Optimization (L8)
- Discrete / Combinatorial Mathematics (L9)

Theses and Dissertations: Scientific Production

Adress:
Universidade Estadual de Maringá
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www.pma.uem.br

Relevant Publications
http://www.dma.uem.br/producaodma

Field: Exact and Earth Sciences

Capes Ranking: 5

Level: Academic Master’s degree and Doctorate
The Professional National Network Graduate Program in Mathematics (Programa de Pós-Graduação em Matemática em Rede Nacional – ProfMat) is a semipresencial master program in Mathematics with national offer. It embraces a chain of Higher Education Institutions inserted in the context of the Open University of Brazil (CAPES); and it is coordinated by the Brazilian Society of Mathematics (SBM) with support of the National Institute of Pure and Applied Mathematics (IMPA).

PROFMAT mainly aims at meeting the Mathematics teachers who work with Elementary Education, especially from public schools, and who seek to improve their professional training, with emphasis on the in-depth domain of mathematical content relevant to their teaching.

Faculty:
Cícero Lopes Frota, Claudete Matilde Webler Martins, Eduardo de Amorim Neves (Coordinator), Emerson Vitor Castelani, Gleb Germanovitch Doronin, Josiane Cristina de Oliveira Faria, Laerte Bemm, Luciene Porrion Gimenes Arantes, Marcos Roberto Teixeira Primo, Rodrigo Martins, Thiago Fanelli Ferraiol (Assistant Coordinator), Wesley Vagner Inês Shirabayash.

Level: Professional Master's

Research Lines:
Algebra;
Analysis;
Basic education of mathematic;
Geometry e topology;
Applied Mathematic.

Theses and Dissertations: Scientific Production

Relevant Publications
http://www.dma.uem.br/producaodma/

Adress:
Universidade Estadual de Maringá
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www.profmat.uem.br
www.profmat-sbm.org.br
The Graduate Program in Chemistry (Programa de Pós-Graduação em Química - PQU) is supported by 31 tenured professors who work as advisers in 12 different lines of research. Regarding the master degree course, the graduate student should obtain 14 credits, six of which in mandatory disciplines, and eight in complementary elective disciplines; 24 months is the deadline for concluding the course. Regarding the doctorate, the graduate student should achieve 28 credits, six of which in mandatory disciplines, and 22 credits in complementary elective disciplines; 48 months is the deadline for concluding the course. The program is supported by scholarships from Capes, CNPq and Fundação Araucária.

Faculty:

Adley Forti Rubira, Ana Adelina Winkler Hechenleitner, Andrelson Wellington Rinaldi, Armando Mateus Pomini, Cláudio Celestino de Oliveira, Daniela Martins Fernandes de Oliveira, Debora Cristina Baldoqui, Edgardo Alfonso Gómez Pineda, Lucas Ullses Rovigatti Chiavelli, Aline Finger Teixeira, Wand

Research Lines:

Flow injection chemical analysis; Development of photodynamic therapy; Developments of analytical methods; Synthesis, structure, conformations, and reactivity of stereochemistry of organic compounds; Physical organic chemistry; Polymers and composites; Environmental analytical chemistry and trace analysis; Bioinorganic chemistry; Food Chemistry; Materials Chemistry; Natural product chemistry; and Organic Synthesis.

Relevant Publications

Acylo-homoserine lactone from Saccharum x officinarum with stereochemistry-dependent growth regulatory activity. Vanessa Guimaraes Alves Olher, Nagela Priscila Ferreira, Alan Groff de Souza, Lucas Ullses Rovigatti Chiavelli, Aline Finger Teixeira, Wand


ENGINEERING
The Graduate Program in Food Engineering (Programa de Pós-Graduação em Engenharia de Alimentos – PEG) provides the master course with the purpose of educating professors and qualified professionals able to develop activities in the Food Engineering field. The program seeks excellence for training its students, and it has a highly qualified faculty that develops innovative research projects. In addition to contributing to high-level education and research, PEG also provides services in line with global trends in the Food Science Field.

**Faculty:**
Andresa Carla Feihrmann, Antonio Roberto Giriboni Monteiro, Diogo Rossoni (Assistant Coordinator), Grasiele Scaramal Madrona, Luiz Mario M. Jorge, Marcelino L. Gimenes, Marcos de Souza, Monica Regina da Silva Scapim, Tatiana Colombo Pimentel, Vladimir Ferreira Cabral (Coordinator), Raquel Guttierez Gomes, Rita de Cássia Bergamasco.

**Research Lines:**
- Process and product engineering in the food industry;
- Technological processes applied to food.

**Relevant Publications**
- Evaluation of the Effect of Antioxidant Moringa oleifera Extract in Beef
- Assessment of quality and production process of a non-alcoholic stout beer using reverse osmosis
- Microencapsulation of Bioactive Compounds from Blackberry Pomace (Rubus fruticosus) by Spray Drying Technique
- Development and Active Biodegradable Film Evaluation Incorporated with Oregano Essential Oil and Nano clay
- Effect of ascorbic acid or oligofructose supplementation on L. paracasei viability, physicochemical characteristics and acceptance of probiotic orange juice

**Capes Ranking:** 3

**Level:** Academic Master’s degree

**Adress:**
Universidade Estadual de Maringá
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sec-peg@uem.br
www.dal.uem.br/pos-graduacao/peg-1
Graduate Program in Bioenergy

The Graduate Program in Bioenergy (Programa de Pós-Graduação em Bioenergia - PPB) aims at contributing to the qualified education of professionals who may intervene in generating and transferring specific knowledge to society in what concerns production, quality control, improvement, productive chain management, appropriate use and evaluation of the impact of biofuel and its co-products in the environment and society. Therefore, the general purpose of the program is training qualified personnel in the Bioenergy field, with emphasis on Biofuels, in order to work in research and development, as well as in Higher Education, under the multidisciplinary and interdisciplinary perspective to achieve state, national and international development in the scope of the countries inserted in Mercosul.

Faculty:
Camila da Silva, Emerson Meyer, Gisella Maria Zanin (Coordinator), Marcelo Fernandes Vieira, Mauro Antônio da Silva Sá Ravagnani, Nehemias Curvelo Pereira, Pedro Augusto Arroyo (Assistant Coordinator), Wanderley Dantas dos Santos.

Research Lines:
- Environmental and socioeconomic impacts;
- Generation and characterization of raw material;
- Production of biofuels and co-products;
- Use and quality control of biofuels.

Relevant Publications

- A Systems Approach For CO2 Fixation From Flue Gas By Microalgae—Theory Review.
- Adsorption technology for the storage of natural gas and biomethane from biogas.
- Application of Taguchi Design to Produce Polyols Based on Castor Oil Derivatives with Diethylene Glycol.
- Biodiesel production by free fatty acid esterification using lanthanum (La3+) and HZSM-5 based catalysts.
- Biodiesel production using supercritical methyl acetate in a tubular packed bed reactor.

Capes Ranking: 3

Level: Academic Master’s degree

Adress:
Universidade Estadual de Maringá
Centro de Tecnologia - CTC
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Theses and Dissertations: Scientific Production
The Graduate Program in Civil Engineering (Programa de Pós-Graduação em Engenharia Civil - PCV), whose area of concentration is in structures, aims at contributing to the technological and scientific development by training qualified professionals to understand, develop and disseminate new concepts, techniques and procedures inherent in the field of modern Structural Engineering. Through teaching and research activities, the program aims at preparing engineers able to handle with advanced techniques of analysis and structural projects, involving computer resources and new materials.

Faculty:
Anamaria Miotto Farah, Carlos Humberto Martins, Generoso De Angelis Neto, Jeselay H. C. dos Reis, José Luiz Miotto, Leandro Vanalli, Marcelo Rodrigo Carreira, Nara Villanova Menon (Coordinator), Nelci Helena Maia Gutierrez (Assistant Coordinator), Rafael Alves de Souza, Ronaldo Rigobello, Romel Dias Vanderlei, Sérgio Trajano Franco Moreiras, Vladimir José Ferrari.

Relevant Publications
- Avaliação do Momento Fletor Resistente à Flambagem Lateral com Torção de Vigas Casteladas com Diferentes Modelos de Reforço Longitudinal.
- Eficiência Estrutural de Vigas Mistas de Madeira e Concreto Reforçadas com Fibras de Vidro em Escala Real.
- Análise da participação de critérios relacionados à produção e qualidade de estruturas em concreto armado em certificações de sustentabilidade para edificações.
- Concrete Compressive Strength Estimation by Means of Nondestructive Testing: A Case Study.
- Avaliação dos coeficientes de segurança dos códigos normativos para reforços ao cisalhamento em vigas de concreto armado reforçadas com PRFC.

Capes Ranking: 3

Level: Master’s degree

Lines of research:
Analysis of Structural Systems;
Technology of Structural Materials.

Theses and Dissertations: Scientific Production

Adress:
Universidade Estadual de Maringá
Centro de Tecnologia - CTC - Bloco C-67
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www.pcv.uem.br
The Graduate Program in Mechanical Engineering (Programa de Pós-Graduação em Engenharia Mecânica - PEM) was approved in 2012 by Capes. Currently, it offers two areas of concentration: Thermal Sciences and Materials. The faculty embraces eleven PhDs of the following fields: Mechanical Engineering, Chemical Engineering, Physics and Chemistry.

Faculty:
Alexandre Marconi de Souza da Costa, Oswaldo Curty da Motta Lima, Wagner André dos Santos Conceição, Cid Marcos Gonçalves Andrade, Márcio Higa, Cleber Santiago Alves, Antônio Carlos Bento, Ivair Aparecido dos Santos, Eduardo Radovanovic, Silvia Luciana Fábaro Rosa (Coordinator), Andrelson Wellington Rinaldi, Alexandre Magnus Gomes Carvalho.

Relevant Publications

- *Synthesis of α-aminophosphonates using a mesoporous silica catalyst produced from sugarcane bagasse ash*. RSC Advances: an international journal to further the chemical sciences, v. 6, p. 23981-23986, 2016

Capes Ranking: 3

Level: Academic Master’s degree

Research lines:
Metallic materials;
Non-metallic materials;
Computational methods in transport phenomena;
Energy analysis of equipment and thermal systems.

Theses and Dissertations: Scientific Production

Adress:
Universidade Estadual de Maringá
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www.pem.uem.br
The main purpose of the Graduate Program in Chemical Engineering (Programa de Pós-Graduação em Engenharia Química - PEQ) is qualifying faculty members, researchers and other professionals in order to develop activities based on a solid training in the fundamentals of Chemical Engineering and that meet the increasing demand of high qualified professionals in universities, research centres and industries. This Program also aims at producing scientific and technological knowledge in order to contribute with regional and national development.

Faculty:

Angélica Marquetotti Salcedo Vieira, Caliane Bastos Borba Costa, Camila da Silva, Célia Regina Granhen Tavares, Cid Marcos Gonçalves Andrade, Daniel Tait Vareschini, Eneida Sala Cossich, Esdras Penêdo de Carvalho, Flávio Faria de Moraes, Gisella Maria Zanin, José Eduardo Olivo, Lúcio Cardozo Filho, Luiz Mário de Matos Jorge, Mara Heloísa N. Olsen Scalante, Marcelino Luiz Gimenes (Coordinator), Marcelo Fernandes Vieira, Maria Angélica S. D. de Barros (Assistant Coordinator), Marcos de Souza, Mauro A. da S. Sá Ravagnani, Nádia Regina C.F. Machado, Nehemias Cuvelo Pereira, Onélia A. Andreo dos Santos, Oswaldo Curty da Mota Lima, Paulo Roberto Paraiso, Pedro Augusto Arroyo, Rosângela Bergamasco, Sergio Henrique Bernardo Faria, Vladimir Ferreira Cabral.

**Relevant Publications**

- A Model For Precipitation of Sub-Micrometric Particles of Phbv Poly(3-Hydroxybutyrate-Co-3-Hydroxvalerate) By Supercritical Assisted-Atomization.
- Magnetic MnFe2O4-Graphene Hybrid Composite for Efficient Removal of Glyphosate from Water.
- Comparing models to Neumann and Dirichlet conditions in grape seed drying.
- Photodegradation of benzene, toluene and xylenes under visible light applying N-doped mixed TiO2 and ZnO catalysts.

**Capes Ranking:** 6

**Level:** Academic Master’s degree and Doctorate

**Research Lines:**

- Biocatalysis and biochemical processes;
- Catalysis;
- Kinetic and reactor design;
- Phase equilibrium and thermodynamic properties;
- Management, control and environment protection;
- Modelling, control and automation process;
- Separation process and particulate systems;
- Synthesis and optimization of processes.

**Theses and Dissertations:** Scientific Production

Adress:

Universidade Estadual de Maringá
Centro de Ciências Biológicas - CCB
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The Graduate Program in Urban Engineering (Programa de Pós-Graduação em Engenharia Urbana- PEU) aims at improving the quality of teaching and research by providing the students with a broad and deep scientific and cultural background, as well as developing research capability and creative power in this important branch of science. PEU is structured so that the graduated professionals have the necessary conceptual understanding and practice of projects in their line of research, in addition to basic knowledge in other lines of research related to their knowledge field in order to practice the integrated urban intervention.

Faculty:
Aline Lisot, Antonio Belincanta, Bruno Luiz Domingos De Angelis, Carlos Humberto Martins, Célia Regina Granhen Tavares, Dante Alves Meideiros Filho, Ed Pinheiro Lima, Generoso De Angelis Neto, Jesner Sereni Ildefonso, José Luiz Miotto, Juliana Azoia Lukiantchuki, Marcelo Luiz Chicati (Assistant Coordinator), Paulo Fernando Soares (Coordinator), Rafael Alves de Souza, Romel Dias Vanderlei, Sandro Rogério Lautenschlager.

Level: Academic Master’s degree
Research lines:
Infrastructure and urban technology;
Planning and management of urban systems.

Theses and Dissertations: Scientific Production

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www.peu.uem.br
The Professional Graduate Program in Pharmaceutical Assistance (Programa de Pós-Graduação em Assistência Farmacêutica – ProFar) was created in 2017 with the perspective of reducing the distance between the training of professionals and the challenges faced by both, the training bodies (education policies) and the service providers (health policies). It is understood that the basic principles that should be part of the training are the constant updating, integration and interaction to new perspectives, which enable the professionals to know the new profile demanded by both, contemporary society and the Brazilian Unified Health System (SUS). This program embraces disciplines that aim at building knowledge on Pharmaceutical Care, covering all its stages, from planning to monitoring the use of medicines, in addition to consolidating the pharmacological bases of the practice of Pharmaceutical Care, which enables the development of communication skills and information analysis for a better pharmacotherapeutic follow-up. The professional trained by this program will be able to instrumentalize, update and promote better access to quality medicines, with efficiency and safety based on the appropriate dispensing of medicines with the purpose of achieving collective and public health and improvement of the service provided to the population.

Faculty:
Adriana Lenita Meyer Albiero (Coordinator), Andréa Diniz, Angela Maria Campanha, Arlindo José Braz de Oliveira (Assistant Coordinator), Arnaldo Zubiol, Camilo Molino Guidoni, Gislaine Franco de Moura Costa, Gisleine Elisa Cavalcante da Silva, Joice Mara Cruciol, Magda Lúcia Felix de Oliveira, Márcia Portiho, Marco Antonio Costa, Edmarlon Girotto, Priscileia Colerato Ferrari, Simone Aparecida Galerani Mossini, Vanessa Denardi Antoniassi Baldissera.

Level: Professional Master’s Degree

Research Lines:
Pharmaceutical Care;
Medication Management and Health Policies.

Field: Health Sciences

Professional Graduate Program in Pharmaceutical Assistance

Capes Ranking: 3

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http://sites.uem.br/profar

Theses and Dissertations: Scientific Production
The Graduate Program in Biosciences and Physiopathology (Programa de Pós-Graduação em Biocicências e Fisiopatologia - PBF) is intended to train qualified personnel for higher education, research activities and professional practice. It consists of a cycle of systematic and regular studies and research activities which lead to the achievement of the academic degree of master and/or doctorate. Its main purpose is to train masters, doctors and researchers in Biosciences and Physiopathology, thus, enabling them to practice scientific research that meets the demand of education institutions, research and other health agencies. This program promotes an environment of discussion and understanding about diseases and their effects on human beings, developing critical thinking for the improvement and adaptation of new discoveries in health field.

Faculty:
Ana Maria Sell, Débora de Mello Gonçales Sant’Ana (Coordinator), Elza Kimura, Érika Seki Kioshima Cotica, Gessilda de Alcântara Nogueira de Melo (Assistant Coordinator), Jeane Eliete Laguiña Visentainer, Jorge Juarez Vieira Teixeira, Késia Gemima Palma Rigo Wutzow, Luizmarina Hernandes, Márcia Edilaine Lopes Consolaro, Maria Cristina Bronharo Tognim, Maria Valdrinez Campana Lonardoni, Nilza Cristina Buttow, Rosilene Fressatti Cardoso, Silvana Marques de Araújo, Silvana Martins Caparroz Assef, Simone Aparecida Galerani Mossini, Terezinha Inez Estivalet Svidzinski, Vânia Ramos Sela da Silva, Vera Lúcia Dias Siqueira.

Research Lines:
- Pathogens of clinical relevance;
- Etiology and Physiopathology of human and animal diseases;
- Eco-epidemiology and disease control.

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www.pbfuem.com.br
The Graduate Program in Health Sciences (Programa de Pós-Graduação em Ciências da Saúde - PCS) embraces 25 tenured professors; 24 of them in full-time and exclusive dedication and a volunteer. This Program consists of eight lines of research, distributed in two areas of concentration. Until September 2017, it graduated 317 masters and 46 doctors. The PCS receives financial resources (scholarships and funding of projects) from Capes, CNPq and Fundação Araucária.

Faculty:
Ana Lúcia Falavigna Guilherme, Celso Luiz Cardoso, Dennis Armando Bertolin, Jane Martha Graton Mikcha, João Ricardo Nickenig Vissooi, Jorge Juarez Vieira Teixeira, Luciano de Andrade (Assistant Coordinator), Márcia Edilaine Lopes Consolaro, Maria Cristina Bronharo Tognim, Maria Dalva de Barros Carvalho, Maria Valdrinez Campana Lonardoni, Max Jean de Omelas Toledo, Melyssa Fernanda Norman Negri Grassi, Miguel Machinski Junior, Mônica Lúcia Gomes, Regiane Bertin de Lima Scodro, Roberto Kenji Nakamura Cuman, Rosilene Fressatti Cardoso, Sandra Mara Alessi Aristides, Sandra Marisa Pelloso (Coordinator), Sérgio Ricardo Lopes de Oliveira, Silvana Marques de Araujo, Tania Cristina Alexandrino Becker, Terezinha Inez Estivalet Svidzinski, Thais Gomes Verzignassi Silveira.

Research Lines:
- Human mycoses;
- Leishmaniasis;
- Bacterial and viral diseases;
- Chagas disease and molecular biology of Trypanosoma cruzi;
- Zoonoses and other parasitic diseases of medical interest;
- Food and health implications;
- Chronic diseases;
- Intercurrences and confrontations in health problems.

Theses and Dissertations: Scientific Production

- Activity of rifampicin and linezolid combination in Mycobacterium tuberculosis
- Safety and efficacy of current alternatives in the topical treatment of cutaneous leishmaniasis: a systematic review
- The Rise in Mortality from Breast Cancer in Young Women: Trend Analysis in Brazil

Capes Ranking: 5

Level: Academic Master’s degree and Doctorate

Adress:
Universidade Estadual de Maringá
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The Graduate Program in Pharmaceutical Sciences (Programa de Pós-Graduação em Ciências Farmacêuticas - PCE) (MD and PhD courses) aims at training professionals for teaching, researching and working in the productive sector of Biologically Active Natural and Synthetic Products, whose training is strongly associated with the generation of new knowledge and technologies compromised with the solution of problems related to the population health in the regional and national context. The purpose is also developing products based on natural and synthetic products by using state-of-the-art technology, thus, contributing to the population health development, the drug and pharmaceutical industry, and cosmetics in the country. The Research Development carried out by professors and students of this Graduate Program has as its focus the solution of regional problems, such as the issue of the widespread consumption of biologically active products by the population, taking into account the toxicological aspects and scientific reasoning, as well as the integration of undergraduate students (trainees, PIBIC, PIBITI and PET).

Faculty:
Andréa Diniz, Arildo José Braz de Oliveira, Benedito Prado Dias Filho, Celso Vataru Nakamura, Ciomar Aparecida Bersani Amado, Diógenes Aparício Garcia Cortez, Edelson Nobuyoshi Kaneshima, Elisabeth Aparecida Audi, Graciette Matioli, Humberto Milani (Assistant Coordinator), Izabel Cristina Piloto Ferreira, Jacqueline Nelisi Zanoni, João Carlos Palazzo de Mello, Lívia Bracht, Mara Lane Carvalho Cardoso, Maria da Conceição Torrado Truiti, Marli Miriam de Souza Lima, Regina Aparecida Correia Gonçalves, Roberto Barbosa Bazotte, Roberto Kenji Nakamura Cuman, Rúbia Maria M. Weffort de Oliveira, Sueli de Oliveira Silva Lautenschlager (Coordinator), Tânia Ueda Nakamura.

Field: Health Sciences

Graduate Program in Pharmaceutical Sciences

The Graduate Program in Pharmaceutical Sciences (Programa de Pós-Graduação em Ciências Farmacêuticas - PCE) (MD and PhD courses) aims at training professionals for teaching, researching and working in the productive sector of Biologically Active Natural and Synthetic Products, whose training is strongly associated with the generation of new knowledge and technologies compromised with the solution of problems related to the population health in the regional and national context. The purpose is also developing products based on natural and synthetic products by using state-of-the-art technology, thus, contributing to the population health development, the drug and pharmaceutical industry, and cosmetics in the country. The Research Development carried out by professors and students of this Graduate Program has as its focus the solution of regional problems, such as the issue of the widespread consumption of biologically active products by the population, taking into account the toxicological aspects and scientific reasoning, as well as the integration of undergraduate students (trainees, PIBIC, PIBITI and PET).

Relevant Publications


Capes Ranking: 5

Level: Academic Master’s degree and Doctorate

Research Lines:
Pharmacology of Natural Products;
Phytochemistry;
Quality Control and Technology of Phytomedicines.

Theses and Dissertations: Scientific Production

Adress:
Universidade Estadual de Maringá
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The Graduate Associate Program in Physical Education (Programa de Pós-Graduação em Educação Física – UEM-UEL - PEF) is linked to the Center of Physical Education and Sport of the State University of Londrina and the Department of Physical Education of the State University of Maringá. It is the first associate graduate program in Physical Education approved by Capes. The master and doctoral courses were structured to assist professionals in the major filed of Health Sciences, especially those graduated in Physical Education/Sports, who are interested in studying human performance and physical activity or social practices in Physical Education, according to the research lines offered by the Program.

Faculty:

Research lines:
- Adjustments and physiological and metabolic responses to physical exercise;
- Health-related physical activity;
- Psychosocial and motor factors related to human performance;
- Practices, policies and knowledge production in physical education;
- Work and professional qualification in physical education.

Theses and Dissertations: Scientific Production

Adress:
Universidade Estadual de Maringá
Centro de Ciências Biológicas - CCB - Bloco G-90
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www.uel.br/pos/ppgef
The Professional National Network Master Graduate Program in Physical Education (Programa de Pós-Graduação em Mestrado Profissional em Educação Física em Rede Nacional - ProEF) is intended for Physical Education teachers from the public and private school systems, with the purpose of qualifying and improving their work. In addition, this program enhances the training of elementary teachers and stimulates teaching improvement at all levels.

Field: Health Sciences

Professional National Network Graduate Program in Physical Education

The Professional National Network Master Graduate Program in Physical Education (Programa de Pós-Graduação em Mestrado Profissional em Educação Física em Rede Nacional - ProEF) is intended for Physical Education teachers from the public and private school systems, with the purpose of qualifying and improving their work. In addition, this program enhances the training of elementary teachers and stimulates teaching improvement at all levels.

Capes Ranking: 3

Level: Profissional Master’s degree

Adress:

Universidade Estadual de Maringá
Centro de Ciências da Saúde - CCS - Bloco K-68
Av. Colombo, 5.790 - Maringá - PR
CEP: 87020-900
The Graduate Program in Nursing (Programa de Pós-Graduação em Enfermagem - PSE) is intended for preparing qualified personnel for higher education and research activities with the purpose of training researchers, professors and practicing nurses who may contribute to the excellence of care practices, from a critical, methodical, communicational, sociopolitical and technical point of view, engaged in health promotion. The training process qualifies masters and doctors with appropriate preparation for the construction of new knowledge to subsidize the nurse’s role in teaching, researching and assistance with the aim of improving the population’s health conditions.

Faculty:
Carlos Alexandre Molena Fernandes, Catarina Aparecida Sales, Cremilde Aparecida Trindade Radovanovic, Ieda Harumi Higarash (Coordinator), Laura Misue Matsuda, Lígia Carreira (Assistant Coordinator), Magda Lúcia Félix de Oliveira, Maria das Neves Decesaro, Maria do Carmo Lourenço Haddad, Sandra Marisa Pelloso, Sonia Silva Marcon, Thais Aidar de Freitas Mathias, Vanessa Denardi Antoniassi Baldissera.

Field: Health Sciences

Graduate Program in Nursing

The Graduate Program in Nursing (Programa de Pós-Graduação em Enfermagem - PSE) is intended for preparing qualified personnel for higher education and research activities with the purpose of training researchers, professors and practicing nurses who may contribute to the excellence of care practices, from a critical, methodical, communicational, sociopolitical and technical point of view, engaged in health promotion. The training process qualifies masters and doctors with appropriate preparation for the construction of new knowledge to subsidize the nurse’s role in teaching, researching and assistance with the aim of improving the population’s health conditions.

Faculty:
Carlos Alexandre Molena Fernandes, Catarina Aparecida Sales, Cremilde Aparecida Trindade Radovanovic, Ieda Harumi Higarash (Coordinator), Laura Misue Matsuda, Lígia Carreira (Assistant Coordinator), Magda Lúcia Félix de Oliveira, Maria das Neves Decesaro, Maria do Carmo Lourenço Haddad, Sandra Marisa Pelloso, Sonia Silva Marcon, Thais Aidar de Freitas Mathias, Vanessa Denardi Antoniassi Baldissera.

Field: Health Sciences

Relevant Publications

Survey on the use of health services by adult men: prevalence rates and associated factors
Access to surgical assistance: challenges and perspectives
Differences in foot self-care and lifestyle between men and women with diabetes mellitus
Stages of change of behavior in women on a multi-professional program for treatment of obesity
Management changes resulting from hospital accreditation

Capes Ranking: 5

Level: Academic Master’s degree and Doctorate

Research Lines:
Health care in different life cycles;
Health care management.

Theses e Dissertations: Scientific Production

Adress:
Universidade Estadual de Maringá
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+55 (44) 3011-4494
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The Graduate Program in Integrated Dentistry (Programa de Pós Graduação em Odontologia Integrada - PGO) of the State University of Maringá was created in 2008. The first triennial evaluation from Capes was carried out in the period of 2010-2012, and the program received score 4, which made it able to propose the creation of the Doctoral Course in 2015. In the second evaluation (2013-2016), the program retained the same score. The graduate profile that the program intends to obtain is a professor and researcher in Integrated Dentistry, with contemporary content, skills and competences to act in the training of qualified and resolutive dentists, considering the health system in force in the country. The professional must show the ability of systematizing knowledge and research by using methods and techniques of technological or artistic scientific research and innovation.

Faculty:

Research Lines:
- Epidemiology, Prevention and Education in Integrated Dentistry;
- Dental Treatments and their Biological Foundations.

Capes Ranking: 4

Level: Academic Master's degree and Doctorate

Relevant Publications


Theses and Dissertations: Scientific Production

Universidade Estadual de Maringá
Centro de Ciências da Saúde - CCS - Bloco S-08
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www.pgo.uem.br
HUMAN SCIENCES
The Professional National Network Master Graduate Program in Sociology (Programa de Pós-Graduação Mestrado Profissional de Sociologia em Rede Nacional – ProfSoci) aims at providing a space for continuing education for Sociology professors who work in Elementary Education, or those who wish to work in this field, inserting them into a national network for producing teaching and research methodologies on Social Sciences and Education. The course is intended to: a) the elementary education teachers from public institutions who give Sociology classes; and b) the holders of diplomas recognized by the Ministry of Education (MEC).

Faculty:
Antônio Ozaí da Silva (Assistant Coordinator), Eliane Sebeika Rapchan, Fagner Carniel (Coordinator), Hilton Costa, Marinvânia Conceição de Araújo, Meire Mathias, Thomas Antonio Burneiko Meira, Walter Lúcio de Alencar Praxedes, Zuleika de Paula Bueno.

Research Lines:
Education, school and society; Youth and contemporary issues; Teaching practices and curricular contents.

Capes Ranking: 3
Level: Professional Master’s degree

Contact:
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Adress:
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Theses and Dissertations
The research lines of the Graduate Program in Social Sciences (Programa de Pós-Graduação em Ciências Sociais-PGC) are intended to capacitate master students to understand theories, methods, and research techniques by encouraging the production and dissemination of scientific knowledge. The program aims at training professionals so that they achieve a consolidating theoretical methodological competence, thus, enabling them to put teaching into practice and, also, to use different investigation tools to analyse regional, national and international sociological problems.

Faculty:

Graduate Program in Social Sciences

Level: Academic Master’s degree

Research Lines:
Urban dynamics and public policy;
Society and cultural practices;
Institutions and political process.

Relevant Publications

Comparcimento eleitoral na América Latina: uma análise multinível comparada. Ribeiro, Ednaldo Aparecido, Borba, Julian and da Silva, Rafael. Revista de sociologia e política


Adress:
Universidade Estadual de Maringá
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Theses and Dissertations: Scientific Production
The Graduate Program in Education (Programa de Pós-Graduação em Educação - PPE) was created in 1990, in association with the Education College from a Brazilian university referred to as Universidade Estadual de Campinas (Unicamp) as the first Master Course in the countryside of Paraná state, thus, contributing to the education of the researchers from such a region, as well as having an important multiplying role. Some reformulations have since been carried out in order to keep the belief that education involves the processes of production and transmission of socially constructed knowledge linked to work forms. In 2006, PPE structure was reshaped with the aim of being more organic, as well as better integrating the different lines of research, and, at the same time, it created a doctorate proposal. Currently, PPE has only one focus area: Education.

Faculty:
Eliane Rose Maio (Coordenador Adjunto), Elsa Midori Shimazaki, Ercília Maria Angeli Teixeira de Paula, Geiva Carolina Calsa, Heloisa Toshiie Irie Saito, João Luiz Gasparin, Maria Angélica Olivo Francisco Lucas, Maria Terezinha Bellanda Galuch, Marta Chaves, Marta Sueli de Faria Sforni, Nerli Nonato Ribeiro Mori, Silvia Pereira Gonzaga de Moraes, Solange Franci Raimundo Yaegashi, Tania dos Santos Alvarez da Silva, Teresa Kazuko Teruya, Verônica Regina Müller, Analete Regina Schelbauer, Carlos Herold Júnior, Célio Juvenal Costa, Cézar de Alencar Arnaud de Toledo, Ednéia Regina Rossi, Elaine Rodrigues, José Joaquim Pereira Melo, Marcília Rosa Periotto, Maria Cristina Gomes Machado, Terezinha Oliveira, Ângela Mara de Barros Lara, Elma Júlia Gonçalves de Carvalho, Jani Alves da Silva Moreira, Maria Aparecida Cecílio, Maria Luisa Furlan Costa, Mário Luiz Neves de Azevedo (Coordenador), Rosângela Célia Faustino.

Research lines:
- History and historiography of education;
- Teaching, learning and teacher training;
- Policies and management in education.

Field: Human Sciences

Graduate Program in Education

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Theses and Dissertations: Scientific Production

Relevant Publications

Acta Scientiarum. Education
Revista Teoria e Prática da Educação
Revista Imagens da Educação

Capes Ranking: 5

Level: Academic Master’s degree and Doctorate

Contact:
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The Graduate Program in Philosophy (Programa de Pós-Graduação em Filosofia - PGF) aims at providing advanced academic training by preparing the students for research and the job market at university level, as well as qualifying high school teachers and other professionals through philosophical investigation of the themes and theoretical problems related to the research lines of the Program. Supported by methods proven by the philosophical tradition, such as careful rational analysis, philosophy study and commentary, the practice of debates and seminars, the PGF establishes itself as a field where the developments achieved by the members of the program in their research are articulated. At first, the approach of the faculty reflects the formative proposal of the undergraduate course, that is, covering the diversity peculiar to Philosophy as broadly as possible. In order to meet the demand for specialization in this important area of knowledge, the purpose of the program is building on the philosophical education through research. It promotes and foment exchanges with other graduate programs in Philosophy in Brazil and abroad by creating and maintaining research groups in several fields of philosophical knowledge, with the purpose of fomenting the adoption of philosophical methods and results that contribute to meet the various challenges (metaphysical, rational, epistemic, ethical-political, aesthetic-cultural) with which the present days instigate humankind in its propensity to know and overcome the dilemmas that reality imposes on it.

Faculty:
Andréa Luisa Bucchile Faggion, Cristiano Perius, Evandro Luís Gomes, José Antonio Martins, Mateus Ricardo Fernandes Ferreira, Max Rogério Vicentini (Assistant Coordinator), Patrícia Coradim Sita (Coordinator), Paulo Ricardo Martines, Robespierre de Oliveira, Vladimir Chaves dos Santos, Wagner Félix, Wilson Antonio Frezzatti Junior.

Level: Academic Master’s degree

Research Lines:
Metaphysics and Knowledge;
Aesthetics and Social Philosophy.

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Theses and Dissertations: Scientific Production
The Graduate Program in History (Programa de Pós-Graduação em História - PPH) aims at training students on a high level of excellence in the area in order to produce historical knowledge of relevance to the society, as well as contributing to the dissemination of Brazilian historiographic production abroad. In order to achieve this purpose, the faculty has been developing exchanges with several institutions from Brazil and abroad and has been laying strong emphasis on research projects funded by national and international foundations. Furthermore, the program is proud to publish Diálogos, one of the best journals in the field which can be accessed at www.uem.br/dialogos. In addition, the program has an excellent research infrastructure and its faculty stands out not only for its academic excellence, but also because of extracurricular activities, such as being members of editorial boards of scientific journals, both Brazilian and international publishers, and as members of high councils of development agencies.

Faculty:
Angelo A. Priori; Christian Fausto Moraes dos Santos; Francisco César Alves Ferraz; Gilmar Arruda; Ivana Guilherme Simili; Jaime Estevão dos Reis; João Fábio Bertonha (Assistant Coordinator); Lucio Tadeu Mota (Coordinator); Luiz Felipe Viel Moreira; Reginaldo Benedito Dias; Renata Lopes Biazotto Venturini; Rivail Carvalho Rolim; Sandra de Cássia Araújo Pelegrini; Sezinando Luiz Menezes; Sidnei José Munhoz; Solange Ramos de Andrade; Vanda Fortuna Serafim.

Field: Human Sciences

Graduate Program in History

The Graduate Program in History (Programa de Pós-Graduação em História - PPH) aims at training students on a high level of excellence in the area in order to produce historical knowledge of relevance to the society, as well as contributing to the dissemination of Brazilian historiographic production abroad. In order to achieve this purpose, the faculty has been developing exchanges with several institutions from Brazil and abroad and has been laying strong emphasis on research projects funded by national and international foundations. Furthermore, the program is proud to publish Diálogos, one of the best journals in the field which can be accessed at www.uem.br/dialogos. In addition, the program has an excellent research infrastructure and its faculty stands out not only for its academic excellence, but also because of extracurricular activities, such as being members of editorial boards of scientific journals, both Brazilian and international publishers, and as members of high councils of development agencies.

Faculty:
Angelo A. Priori; Christian Fausto Moraes dos Santos; Francisco César Alves Ferraz; Gilmar Arruda; Ivana Guilherme Simili; Jaime Estevão dos Reis; João Fábio Bertonha (Assistant Coordinator); Lucio Tadeu Mota (Coordinator); Luiz Felipe Viel Moreira; Reginaldo Benedito Dias; Renata Lopes Biazotto Venturini; Rivail Carvalho Rolim; Sandra de Cássia Araújo Pelegrini; Sezinando Luiz Menezes; Sidnei José Munhoz; Solange Ramos de Andrade; Vanda Fortuna Serafim.

Level: Academic Master’s degree and Doctorate

Research Lines:
History, Culture and Narratives; Political History.

Adress:
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Relevant Publications


Theses and Dissertations: Scientific production

Capes Ranking: 4
The Professional National Network Master Program in History (Programa de Pós-Graduação em Mestrado Profissional em Ensino de História em Rede Nacional - ProfHistória) focus on continuing education with the purpose of enhancing the quality of the History elementary teachers through a certified qualification for the professional practice.

Faculty:

Research Line:
- Historical Knowledge in School Space;
- Historical Languages and Narratives: Production and Diffusion;
- Historical Knowledge in Different Memory Spaces.

Field: Human Sciences

Professional National Network Master Graduate Program in History

Level: Profissional Master’s degree

Capes Ranking: 4

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Theses and Dissertations: Scientific Production
The proposal to create the Professional Master’s Course in Public Policies began to be elaborated in the second half of 2008 due to a request from the Rectory of the State University of Maringá, which in turn met a demand of the Government of the State of Paraná through its Management School. It is a proposal that prioritizes a training for the elaboration, implementation and management of public policies, with a view to serve the public sector and the spheres of the Government responsible for this elaboration and monitoring. In addition, the option for the professional modality meets the specificities of the public that seeks qualify, that is, the public servants. Since its implementation, the Graduate Program in Public Policies (Programa de Graduação em Políticas Públicas - PPP) has trained dozens of professionals, thus, contributing to the improvement of the state of Paraná public service, with researches potentially able to generate products and interventions. In 2016, the defenses of the final papers of the third group occurred. In 2017 the fourth group started, with the selection of 30 professionals. In the future it is intended to broaden the profile of the new admitted students. The research lines contemplate investigations on the formulation, implementation and evaluation models of public policies, as well as investigations about the relationships among institutions, collective actors and citizens in the management process of public policies in the most varied sectors.

Faculty:

Graduate Program in Public Policies

The proposal to create the Professional Master’s Course in Public Policies began to be elaborated in the second half of 2008 due to a request from the Rectory of the State University of Maringá, which in turn met a demand of the Government of the State of Paraná through its Management School. It is a proposal that prioritizes a training for the elaboration, implementation and management of public policies, with a view to serve the public sector and the spheres of the Government responsible for this elaboration and monitoring. In addition, the option for the professional modality meets the specificities of the public that seeks qualify, that is, the public servants. Since its implementation, the Graduate Program in Public Policies (Programa de Graduação em Políticas Públicas - PPP) has trained dozens of professionals, thus, contributing to the improvement of the state of Paraná public service, with researches potentially able to generate products and interventions. In 2016, the defenses of the final papers of the third group occurred. In 2017 the fourth group started, with the selection of 30 professionals. In the future it is intended to broaden the profile of the new admitted students. The research lines contemplate investigations on the formulation, implementation and evaluation models of public policies, as well as investigations about the relationships among institutions, collective actors and citizens in the management process of public policies in the most varied sectors.

Faculty:

Relevant Publications

Políticas urbanas no Brasil: marcos legais, sujeitos e instituições. Sociedade e Estado (UnB. Impresso), v. 28, p. 29-52, 2013

Capes Ranking: 3

Level: Professional Master’s degree

Research Lines:
Participatory processes in public policy;
Health and education policies;
Public policy and development;
Justice, public security and citizenship.

Theses and Dissertations: Scientific Production

Adress:
Universidade Estadual de Maringá
Centro de Ciências Humanas, Letras e Artes - CCH
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The Graduate Program in Psychology (Programa de Pós-Graduação em Psicologia - PPI) aims at expanding the conceptual universe of Human Sciences professionals, especially in the field of Psychology, having "The Subject Constitution and Historicity" as the area of concentration. Therefore, its activities of training researchers and higher education professors have resulted in the revision and elaboration of theories and methodologies in the psychological field. The PPI seeks integration with the undergraduate course by developing research, extension and teaching projects, as well as internships in teaching of master and doctoral students, in addition to other academic activities (seminars, courses and events). At the end of the master or doctoral courses, the student should have obtained the necessary scientific skills and competences for the capacity of universality and criticism, as well as the execution and monitoring of research and teaching activities. The observation of these requirements continues the work of the undergraduate courses and solidifies the scientific education.

Faculty:
Adriana de Fátima Franco, Angela Maria Pires Caniato, Edneia José Martins Zaniani, Eduardo Augusto Tomanik, Eliane Domingues, Guilherme Elias da Silva, Gutoavo Adolfo Ramos Mello Neto, Helio Honda, Lucia Cecilia da Silva, Marcos Leandro Klipan, Maria Júlia Lemes Ribeiro, Maria Lucia Boarini, Marilda Goncalves Dias Facci, Murilo dos Santos Moscheta, Paulo Jose da Costa, Nilza Sanches Tessaro Leonardo (Coordinator), Silvana Calvo Tuleski, Sonia Mari Shima Barroco (Assistant Coordinator), Viviana Carola Velasco Martinez, Zaira Fátima de Rezende Gonzalez Leal.

Research Lines:
- Psychoanalysis and civilization;
- Subjectivity and social practices in contemporary times;
- Human development and educational processes.

Capes Ranking: 4

Level: Academic Master’s degree and Doctorate

Relevant Publications

- Concepções do Alcoolismo na Atualidade: Pesquisas Hegemônicas, Avanços e Contradições
- Psicologia e higiene mental en Brasil: la historia por contar.
- Health 2.0: Relational Resources For The Development Of Quality In Healthcare.
- Professor-Psicopedagogo: O Que Este Profissional Faz Na Escola.
- Patopsicologia Experimental: Abordagem Histórico-Cultural Para o Entendimento do Sofrimento Mental.

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Theses and Dissertations: Scientific Production

- Concepções do Alcoolismo na Atualidade: Pesquisas Hegemônicas, Avanços e Contradições
- Psicologia e higiene mental en Brasil: la historia por contar.
- Health 2.0: Relational Resources For The Development Of Quality In Healthcare.
- Professor-Psicopedagogo: O Que Este Profissional Faz Na Escola.
- Patopsicologia Experimental: Abordagem Histórico-Cultural Para o Entendimento do Sofrimento Mental.
The Graduate Program in Management (Programa de Pós-Graduação em Administração - PPA) has three courses, that is, the Master course (2 years), the Doctorate (4 years), and the Post-doctoral (1 year). The two research lines of this Program embrace Organizational Studies and Societies & Marketing and Supply Chains. The professors of the first line study organizations, institutional theory, public policies, internationalization, economic sociology, territory, anthropology, symbolism, strategic management, among others. The researchers pertaining to the second research line study marketing, culture and consumption, market practices, sales, retail, supply chain, agribusiness systems, new institutional economy, transaction costs, etc. The Program has scholarships provided by CAPES, Fundação Araucária and CNPq. The PPA-UEM was created in 2000 and since then more than 300 students have graduated. The students specialize in terms of research in the areas of management, organizations, strategy, internationalization, organizational learning, institutional theory, symbolism, economic sociology, supply chains, agribusiness, marketing, marketing practices, culture and consumption, public policies, among others. PPA-UEM has three international agreements, such as Université Quebec Trois Rivières (Canada), Università Perugia (Italy) and Ecole De Purpan (France). Ph.D. students have the chance of taking an international experience from 6 to 12 months in other countries. Through PPA-UEM, students have already been to Canada, England, France and the United States, for example.

Faculty:
Deisy Cristina Corrêa Igarashi, Elisa Yoshie Ichikawa, Fabiane Cortez Verdu, Francisco Giovanni David Vieira, Gustavo Adolfo Ramos Mello Neto, João Marcelo Crubellate, José Paulo de Souza, Josiane Silva de Oliveira, Marcio Pascoal Cassandre, Maurício Reinert do Nascimento, Olga Maria Coutinho Pépece (Assistant Coordinator), Priscilla Borgonhoni Chagas, Sandra Mara Schaivi Bánkuti, Valter Afonso Vieira (Coordinator), William Antonio Borges.

Relevant Publications
- Examining the impact of salesperson interpersonal mentalizing skills on performance: the role of attachment anxiety and subjective happiness
- As Identidades Fragmentadas no Cotidiano da Feira do Produtor de Maringá
- Narciso sem espelho: a publicação brasileira de marketing
- Searching for a non-atomized approach to test the relationship between transformational leadership and organizational commitment
- Children's Snacks, their Ads and Consumer Sovereignty

Capes Ranking: 4

Level: Academic Master's degree, Doctorate and Post-Doctoral degree

Research Lines:
Organizational Studies and Societies; Marketing and Supply Chain.

Theses and Dissertations: Scientific Production

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The Graduate Program in Architecture and Urbanism (Programa de Pós-Graduação em Arquitetura e Urbanismo - PPU) is a joint initiative of the State Universities of Londrina and Maringá, which particularly focus on design methodology. Reuniting the faculty and infrastructure of both institutions, this course aims at promoting the constant evolution of knowledge on perceiving, intervening, living in and conceiving of buildings, cities and landscapes. Therefore, interdisciplinary approaches and different fields of knowledge related to the project are fundamental, that is, the city and urbanism history, graphic representation, post-occupancy evaluation, construction systems and models, construction management, urban morphology, landscape ecology, and ecological planning.

Faculty:
André Augusto de Almeida Alves, Beatriz Fleury e Silva, Cesar Imai, Ercilia Hitomi Hirota, Fabiola Castelo de Souza Cordovil, Gislaine Elizete Beloto, Jorge Daniel de Melo Moura, Juliana Harumi Suzuki, Karin Schwabe Meneguetti, Mariana Ragassi Urbano, Milena Kanashiro, Renato Leão Rego (Coordinator), Ricardo Dias Silva, Rovenir Bertola Duarte, Sidnei Junior Guadanhim (Assistant Coordinator).

Relevant Publications
Shaping an urban Amazonia: ‘a planner’s nightmare’.
Enter a rua e o muro: a construção de uma interface nos condomínios horizontais fechados.
Sistematização de requisitos do usuário com o uso da Casa da Qualidade do QFD na etapa de concepção de unidades habitacionais de interesse social no âmbito do Programa Minha Casa, Minha Vida.
Análise do comércio e dos serviços nos empreendimentos do Programa Minha Casa, Minha Vida (PMCMV): estudo de caso do Residencial Vista Bela - Londrina, PR.
Ruas e a ocupação vertical recente: labirintos murados.

Capes Ranking: 4
Level: Academic Master’s degree
Research Lines:
Historiography and data-organization methodology for the design;
Built-environment production.

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Theses and Dissertations: Scientific Production

University of the Graduate Programs 2018
The Graduate Program in Accounting Sciences (Programa de Pós-Graduação em Ciências Contábeis - PCO) is allocated in the ‘Controllership’ area. This area contemplates a set of knowledge based on theory and practice that embraces operational, economic, financial and patrimonial bases related to the organizational management process control. The proposal is contributing to the development of competencies, considering both, the analytical perspective and the capacity of executing projects according to the research line. Therefore, theoretical-conceptual studies and empirical investigations are carried out by involving the measurement and dissemination of information which may support the decision-making process of accounting information users.

**Faculty:**
Claudio Marques, Edwin Vladimir Cardoza Galdamez, Eliane Cristina de Araujo Sbardellati, João Marcelo Crubellate, José Braz Hercos Junior, Kátia Abbas, Kelly Cristina Mucio Marques, Mauricio Reinert do Nascimento, Marguit Neumann, Reinaldo Rodrigues Camacho (Coordinator), Romildo de Oliveira Moraes, Simone Leticia Raimundini Sanches (Assistant Coordinator).

**Research Lines:**
Management Accounting; Financial Accounting.

**Capes Ranking:** 3

**Level:** Academic Master’s degree

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**Relevant Publications**

- *Assessment of the Methodological Rigor of Case Studies in the Field of Management Accounting Published in Journals in Brazil.*
- *Reflexo das operações de fusões e aquisições nos indicadores financeiros das empresas brasileiras de capital aberto.*
- *Evidências Empíricas da Securitização no Financiamento de Empreendimentos Built to Suit.*
- *Fatores determinantes do conteúdo divulgado no Relatório de Administração de empresas brasileiras.*
- *Gastos realizados para controle dos impactos ambientais na atividade sucoalcooleira: identificação, representatividade e evidenciação.*

**Theses and Dissertations: Scientific Production**
The Graduate Program in Economic Sciences (Programa de Pós-Gaduação em Ciências Econômicas - PCE) started its activities in 1994 with the Master course and implemented the Doctorate in 2010. The main purpose of the program is training Masters and Doctors with emphasis on theoretical and analytical training in order to enable them to act as faculty members, researchers and as professionals in the several fields of economics, both in the public and private sectors. The Program also has the participation of a Post-Doctoral scholar who maintains interaction with the professors and students of the course.

The faculty of the PCE/UEM has diversity in academic training, as well as research partnerships and agreements with Brazilian universities and abroad. This promotes a solid specialization of the students, in addition to increasing scientific knowledge in the formulation of economic and social policies that will improve the welfare of the country.

**Faculty:**
Alexandre Florindo Alves, Antonio Carlos de Campos, Cássia Kely Favoretto Costa (Assistant Coordinator), Ednaldo Michellon, Gilberto Joaquim Fraga, Joilson Dias, José Luiz Parré, Maria Helena Ambrosio Dias, Marina Silva da Cunha (Coordinator), Ricardo Luís Lopes, Sandra Mara Schiavi Bánkuti.

**Research Lines:**
The MSc and PhD courses of PCE/UEM are structured in two research lines: Applied Economics and Economic Development. The basic disciplines of the course are the following: Macroeconomics, Microeconomics, Mathematics and Econometrics. In addition, specialized disciplines are offered, with emphasis on Regional Economics, Economic Growth, International Economics, Labor Market, Health Economics, Agribusiness Economics, Economic Development, Industrial and Technological Economy, among others.

**Adress and Dissertations: Scientific Production**

**Relevant Publications**
- Análise dos incentivos contratuais de transplantes de rins no Brasil pelo modelo agente principal
- Consumo de energia, emissões de CO2 e a geração de renda e emprego no agronegócio brasileiro: uma análise insumo-produto
- Fecundidade e participação no mercado de trabalho brasileiro
- Investimento estrangeiro direto no Brasil: efeitos diretos e espaciais sobre o crescimento econômico
- The health influence on returns to education on Brazil: a nonlinear approach
The strictu sensu Graduate Program in Intellectual Property and Technology Transfer for Technological Innovation (Programa de Pós-Graduação em propriedade Intelectual e Transferência de Tecnologia par Inovação Tecnológica – ProfNit) aims at improving professional training of individuals to work at the Technological Transfer Offices (Núcleos de Inovação Tecnológica – NITs) and Innovation Environments as well those inserted in the several academic, business, governmental, social organizations, etc. The ProfNit professional master is offered nationally, and it was recommended with score 4 by CAPES at its 159th meeting, held on June 18 and 19, 2015. The PROFNIT professional master is nationally offered to students from all regions of Brazil, as well as to foreign students.

Faculty:
Celso Vataru Nakamura, José Roberto Dias Pereira, Marcelo Farid Pereira (Assistant Coordinator), Rejane Sartori, Silvio Claudio da Costa (Coordinator), Wilker Caetano, Willian Antonio Borges.

Capes Ranking: 4

Level: Master of Science (MSc)

Research Lines:
- Intellectual property;
- Technology transfer;
- Technological prospecting;
- Public policy.

Theses and Dissertations: Scientific Production

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The Graduate Program in Languages (Programa de Pós-Graduação em Letras – PLE) consists of systematically organized studies and research activities. Its purposes are the training and improvement of high level professionals to work in the fields of teaching and research in an integrated space of linguistic and literary studies, within the scope of its teaching, description and use in the contexts of production, reception and circulation. Its general purpose is training qualified researchers in order to promote the production of knowledge in their concentration fields.

Faculty:

Research Lines:
Linguistic studies: linguistic description;
Languages teaching and learning;
Studies of the text and the discourse;
Literary Studies: literary field and formation of readers;
Literature and historicity;
Literature and identity building.

Theses and Dissertations: Scientific Production

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Relevant Publications

Revista Acta Scientiarum Language and Culture
The Professional Graduate Program in Languages (Programa Profissional de Pós-Graduação em Letras - ProfLetras) is a stricto sensu graduate course that counts on the participation of public higher education institutions within the scope of the Open University System of Brazil (Sistema Universidade Aberta do Brasil-UAB). The Program has its national coordination at Universidade Federal do Rio Grande do Norte (UFRN). The aim of the program, in the medium term, is training elementary school Portuguese teachers throughout the national territory.

The target audience of Profletras embraces teachers from all graduate generations of undergraduate courses in Languages and who teach the Portuguese language in elementary school.

Faculty:
Alba Krishna Feldman, Annie Rose dos Santos, Aparecida de Fátima Peres, Carmen Rodrigues de Lima, Cláudia Valéria Donâ Hila (Coordinator), Eliana Alves Greco, Flávia Zanutto, Josimayre Novelli Coradim, Lilian Cristina Buzato Ritter (Assistant Coordinator), Luciane Braz Perez Mincoff, Margarida da Silveira Corsi.

Relevant Publications

- A Constituição da Subjetividade no Discurso do Idoso sobre Si. Linguagem em (Dis)curso (Online), v. 16, p. 449-464, 2016
- O PROFLETRAS (Mestrado Profissional) na UEM: panorama dos trabalhos de conclusão. Letras & Letras (UFU), v. 33, p. 189-208, 2017
- O poema O bicho na perspectiva da análise do discurso: processos de produção e efeitos de sentido. SIGNUM [LONDRINA]: ESTUDOS DE LINGUAGEM, v. 20, p. 35-55, 2017

Capes Ranking: 4

Level: Professional Master's degree

Research Lines:
Theories of Language and Teaching;
Reading and Textual Production: social diversity and teaching practices.

Theses and Dissertations: Scientific Production

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CATALOGUE OF THE GRADUATE PROGRAMS 2018

PPG - Pro-Rectory of Research and Graduate Studies
DPS – Board of Research
DPG – Board of Graduate Studies
ASC – Media Communication Advisory Board
CPR – Coordination of Promotion and Public Relations

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