

PrInt UFLA

1. Executive summary

The Internationalization Policy of the Federal University of Lavras establishes a five-year set of objectives and actions to be implemented by the institution that will increase academic competitiveness in different perspectives (bilingual educational environment, internationalized scientific and technological production, international visibility and internationalized cooperation). It also seeks to consolidate the university in the main rankings of international excellence. The policy began with the creation of the Commission responsible for preparing the proposal, named by Rector's Ordinance No. 963 of August 7, 2012. Since then, the strategic guidelines defined in the scope of the Policy have contributed to the internationalization process, including for the definition of goals and actions in the Institutional Development Plan.

In addition to being a process of raising competences, the internationalization of universities is a process of competition, since the academic systems of the most developed countries of the world, as well as in the emerging powers, are constantly improving, associated with national strategies for maintenance and expansion of influence in the global context. The selection of UFLA Internationalization Project (Capes-PrInt-UFLA) theme is therefore pertinent to the strategic conception of the Internationalization Policy of UFLA, considering the intention of using its wide renown in the generation of scientific knowledge in the area of Food Production and Food Safety, as demonstrated in the Project, to consolidate its internationalization.

In fact, the internationalization of UFLA is a vital and immediate point that figures strongly in the planning of the institution. UFLA's Internationalization Policy directly reflects the improvement of teaching, research, innovation, extension and visibility of the Institution vis-à-vis the national and international population. To this end, the proposal is organized into four thematic sections, as presented below.

Section 1 – Bilingual Educational Environment

The actions and goals developed in this section include the establishment of a language center in UFLA capable of qualifying in English a large number of students, technicians and professors, as well as qualify and support foreign students and visiting professors with the Portuguese language. The center is also responsible for supporting the organization of the departments of the university, especially those with a direct interface with students and professors, in the provision of services and information in

English. In addition, the center acts in the preparation of UFLA undergraduate and graduate students for international exchange programs.

Among the objectives included in this section are:

- *Institutional effort to use English language in the disciplines of Undergraduate and Graduate courses.*

In this context, the following action should be highlighted in Capes-PrInt-UFLA, which converges to achieve this objective established by the Program:

- To expand the number of courses and classes taught in English. All participating Programs must offer courses in English. The number per Program will be defined later depending on the faculty.

Section 2 – International Cooperation

The international cooperation of UFLA has been marked by the increase in the number of cooperation agreements with different universities in the world, as well as intense exchange activities regarding professors and graduate students abroad. However, the degree of internationalization of UFLA, as measured by international indicators, such as the Scimago cooperation index, show that the institution presents a timid process in this field, specially when compared to some Brazilian universities with a greater tradition and attractive to international partners, such as USP and UFMG. Thus, it is necessary to implement specific policies capable of attracting foreign professors with a high scientific output to act and cooperate with UFLA. In general, all actions foreseen in the different section of this project will contribute to the improvement of UFLA's international cooperation.

There are several objectives inserted in this section. The following stand out:

- Objective 1: To increase the number of foreign visiting teachers in UFLA, coming from English-speaking countries, or fluent in that language.

In line with this objective, the following action was planned in Capes-PrInt-UFLA:

- To increase the participation of foreign visiting professors in the post-graduate programs, offering visiting professor scholarships in Brazil. In addition, foreign lecturers from partner institutions will be encouraged to participate in Dissertation and Thesis defense, as well as in post-graduate classes through video conferences.

- Objective 2: To develop actions to ensure the participation of UFLA students abroad and foreign students at UFLA.

In this section, the following action is highlighted:

- To expand cooperation agreements that establish double degrees, co-tutorships and other joint orientation mechanisms. Carry out overseas missions so that cooperation agreements can be signed with institutions that are already partners, but there is no formal agreement, or with the objective of developing new partnerships. Conclude cooperation agreements to establish double degrees, co-tutorships and other joint orientation mechanisms.

Section 3 - International Scientific and Technological Production

The Federal University of Lavras has presented an annual growth of more than 20% in the production of articles in internationally indexed journals, which reflects in the improvement of the academic environment for the research, as well as the evolution of the classification of the graduate programs by CAPES. Despite the observed evolution, UFLA's scientific production is still scarce in journals of high international relevance (measured by its factor of impact) and is not very internationalized, in terms of co-authoring articles with researchers or research teams from foreign universities. In this context, the following objectives of this section stand out:

- Objective 1: *Increase scientific and competitive publication, multidisciplinary and able to reach high impact journals at the international level*

Actions pertinent to the institutional objective envisaged in Capes-PrInt-UFLA:

- To expand scientific production in international high-impact journals. Provide resources, through calls, for translation and review of scientific articles. Provide resources, through calls, for payment of fees for publication in high impact periodicals.

- To increase the number of professors who work in the editorial staff of high impact journals. The greater international insertion will allow more researchers to work in the editorial staff. The participation will be recognized in the norms that regulate the professor's work in the institution.

- To increase UFLA citation indicators. Increase publication in journals with a higher impact factor, which will increase the citations of the scientific publication produced by participating programs.
 - To increase the publication of articles with foreign collaborators. Increase the percentage of publication of scientific articles with the participation of collaborators, in order to increase the possibility of citations.
- Objective 2: *To increase the internal articulation between consolidated research groups and to increase the international experience with emerging groups.*

Actions pertinent to the institutional objective envisaged in Capes-PrInt-UFLA:

- To form consolidated mobility networks with international partner institutions that are recognized worldwide as the best in the area of Food Production and Food Safety. The consolidation of existing partnerships and the greater institutionalization of internationalization actions will allow the formation of research networks.
- To develop projects with international collaboration among partners in the medium and long-term. Submit research projects to national and international agencies. Conduct joint research through the mobility of students and professors.
- To increase the participation of foreign professors in UFLA's research groups. Through the consolidation of institutional partnerships between UFLA and foreign universities and research centers, an environment will be created in which foreign professors will begin to participate in research groups registered with CNPq.

Section 4 - International Visibility

The visibility of a higher education institution on the international scene is traditionally due to the reputation, academic quality and established intellectual capital. However, with the advent of internet-facilitated communication, the world's most important universities began to use their Internet domains as real portals for access to knowledge, service provision and availability of large-scale content. All planned actions

contribute, directly or indirectly, to this end. Nevertheless, the following specific objective is highlighted:

- *Improvement of the contents available in the websites of the Pro-Rectorates, departments and sectors seeking to insert more materials like classes, dissertations, theses and works.*

Concatenated for this purpose, in order to make the material in fact accessible, it is worth mentioning the following action envisaged in Capes-PrInt-UFLA:

- To expand the number of dissertations and theses written in English. Encourage all Postgraduate Programs students to write dissertations and theses in English and require those who have been awarded sandwich scholarships to do the same.

Internationalization Indicators for UFLA's Policy

The effectiveness of UFLA's internationalization actions will be measured by a series of administrative indicators (follow-up indicators), as well as mathematical indicators that allow the direct comparison of UFLA's internationalization with other target universities, both national and foreign. The proposal of UFLA, therefore, is to monitor the effectiveness of its Internationalization Policy by projecting the evolution of the institution through the Scimago indicators, which broadly reflect the scope of the actions established in the 4 different sections of the Internationalization Policy. These indicators are also manifested in the conception of the UFLA's Institutional Project for Internationalization (Capes-PrInt-UFLA).

2. Description of the priority themes

Title of Theme:

Food Production and Food Security

Countries:

United States, France, England, Holland (Netherlands), Canada, Germany, Denmark, Spain, Switzerland, Belgium, Portugal and Czech Republic.

Justification of the theme choice:

In 109 years existence, the teaching, research and extension actions at the Federal University of Lavras (Universidade Federal de Lavras - UFLA) have been

founded in the agricultural sciences area. In 43 years existence of the graduate courses, almost 80% of the Academic Programs pursue their research on the research lines that have been consolidated in agricultural sciences. Thus, UFLA is internationally recognized as reference in scientific knowledge production in the different areas connected to food production from animal and vegetal origin, as well as its processing, storage and quality assurance and food security. One of the noteworthy highlights of UFLA's research in agricultural sciences was the studies in soil sciences in the 1960's, which enabled the agricultural exploration of the Cerrado soils. It wouldn't be possible to Brazil to reach the production level of grains without the gain of productivity achieved in Cerrado soils in the last decades.

At present, agriculture and the agriculture-business are important segments of the Brazilian economy, having contributed in 2017 with 23,5% of the gross domestic product. Therefore, one of the challenges the generation of scientific knowledge through research at UFLA faces is food production and food security against the traditionalism, the continuous and necessary breakthroughs in the productive areas aforementioned. Moreover, Brazil is prominent in scientific production in agriculture sciences, being the 3rd country that provides published papers in this area. Despite this renowned position, the publishing in periodicals of high impact is still suboptimal and the international partnerships present great potential to strengthen us in this issue. Although UFLA has a respected tradition in Agricultural Sciences, an analysis of the Institution of internationalization indicates that 70% of the scientific production (Web of Science), 69% of the scholarships of the Science without Borders Program for undergraduates, 70% of the doctoral studies in the sandwich modality, 60% of visiting professors, 85% of the approved research projects and 80% of the agreements, covenants of double degree or co-tutored thesis has had valuable participation of foreign partners that suit in Agricultural Sciences, the great area of knowledge. Based on the 2018 ranking *Quacquarelli Symonds (QS)*, UFLA is among the 150 best institutions worldwide and the best 12 of the Latin America in agricultural sciences. Also, UFLA stands in 8th position in Brazil by the IGC/MEC.

3. Listing and choice justification of the PPGs that will act on the themes

Soil Sciences

In 42 years existence, the Program attained once more score 7 in the last quadrennial evaluation (Agricultural Sciences I Area/CAPES). The Program has 13 permanent professors with research and training abroad, and among those professors

12 conduct Productivity Scholarship in Research supported by the CNPq. At present, the Program has seven foreign professors and seven foreign students in their doctoral studies in the sandwich modality. In 2017, the professors published 37% of their papers in foreign periodicals and 39% of their intellectual production concentrated in A1 and A2 periodicals. Between 2011 and 2016, 321 essays were published, and indexed in the JCR database, being the average impact factor of 1,431. The soil studies are the foundation of both food production and food security. The chemical, physical and biological factors interact not only with them but also with plants and animals, so that they can shape the basis of the sustainability of agricultural and natural ecosystems. The Program main objective is both to train qualified personnel and to generate products and processes that contribute to the strengthening of food production, fibers and the like, maintaining the environmental quality, which is essential for the whole planet.

Genetics and Plant Breeding

The Genetics and Plant Breeding Program has 32 years existence and attained score 6 for two consecutive evaluations and score 7 in the last quadrennial evaluation (Agricultural Sciences Area I/CAPES). The Program has seven permanent professors with research and training abroad, nine of the professors conduct Productivity Scholarship in Research supported by the CNPq. At present, the Program has three students in their doctoral studies in the sandwich modality. In 2017, the professors published 27% of the papers in foreign periodicals and 58% of the intellectual production concentrated in A1 and A2 periodicals. Between 2011 and 2016, 271 papers were published and indexed in the JCR database, being the average impact factor of 0,871. The research lines are conducted aiming at the genetic betterment of yearly, perennial and oleraceous crops, as well as the cytogenetics of native plants and of economic importance, considering the fact to associate the utilization of molecular markers to food production and food security.

Agricultural Microbiology

The Agricultural Microbiology Program is at work for only 16 years but due to the compromise of the faculty members and internationalization actions, it attained score 6 in the last two evaluations (Agricultural Sciences Area I/CAPES). Ten faculty members conduct Productivity Scholarship in Research supported by the CNPq, and eight have carried research and training abroad. At present, the Program has four foreign students and three students in their doctoral studies in the sandwich modality. In 2017, 51% of the papers were published in foreign periodicals, and 88% of the

intellectual production concentrated in A1 and A2 periodicals too. Between the years 2011 and 2016, 196 papers were published, and indexed in the JCR database, being the average impact factor of 1,631. The Program has developed research aimed at the development of the microbiota study, existing in the various foods in every production stage, in impacted and non-impacted environments, and the utilization of microorganisms for the strengthening of a sustainable agriculture and compounds that may replace artificial products as well as identify strategies of pathogens and deterioration control.

Food Science

The Food Sciences Program is on duty for 42 years and attained score 6 in the last quadrennial evaluation (Food Sciences Area/CAPES). The Program has six permanent professors with research and training abroad, and 12 professors conduct Productivity Scholarship in Research supported by the CNPq. At present, the Program has four foreign students and one student in one's doctoral studies in the sandwich modality. In 2017, 84% of the papers were published in foreign essays and 15% of the intellectual productions was concentrated in A1 and A2 periodicals. Between 2011 and 2016, 354 papers were published, and indexed in the JCR database, being the average impact factor of 1,591. The Program has contributed to the food production and food security in its research lines, such as: Food Microbiology, Fermentative Process and Nutrition and Development of Products and Packages.

Animal Science

The Animal Science Program has 42 years existence and attained score 6 in the last quadrennial evaluation (Animal Science Area/CAPES). In 2017, the Program was awarded with honorable mention in Capes Thesis Award. The Program has 11 permanent professors with research and training abroad, and 14 professors conduct Productivity Scholarship in Research supported by the CNPq. At present, the Program has eight foreign students and eight students in their doctoral studies in the sandwich modality. In 2017, 67% of the papers were published in foreign periodicals and 49% of intellectual production concentrated in A1 and A2 periodicals. Between the years 2011 and 2016, 288 papers were published, and indexed in the JCR database, being the average impact factor of 1,030. The Program has the mission to form human resources and generate knowledge in animal origin protein production. The Program research lines provide foundation to the two aforementioned topics to strengthen the science and technology of meat production, milk and other animal origin products, aimed to encourage both food production and food security.

Entomology

The Entomology Program is on duty for 34 years and attained score 5 in the last quadrennial evaluation (Agricultural Sciences I/CAPES), but for the consolidation, national reference and international insertion, the goal is for the Program to obtain score 6 in the next quadrennial evaluation in 2021. The Program has nine permanent professors with research and training abroad, and 4 professors conduct Productivity scholarship in Research supported by the CNPq. At present, the Program has two foreign students and four students taking their doctoral studies in the sandwich modality. In 2017, 79% of the papers were published in foreign periodicals and 60% of intellectual production was concentrated in A1 and A2 periodicals. Between 2011 and 2016, 188 papers were published, and indexed in the JCR database, being the average impact factor of 1,754. Research devoted to the integrated management of plagues has aimed to the strategical development of agrottoxins application reduction. Furthermore, plant resistance studies to insects have shown a positive impact on food security as they decrease the negative impact of those applications.

Phytopathology

The Phytopathology Program has 23 years existence and attained score 5 in the last quadrennial evaluation (Agricultural Sciences Area I/CAPES), but due to consolidation, national reference and international insertion, the goal is for the Program to reach score 6 in the quadrennial evaluation in 2021. The Program has eight permanent professors with research and training abroad, and 12 professors conduct Productivity scholarship in Research supported by the CNPq. At present, the Program has four foreign students and six students taking their doctoral studies in the sandwich modality. In 2017, 58% of the papers were published in foreign periodicals and 42% of the intellectual production was concentrated in A1 and A2 periodicals. Between 2011 and 2016, 208 papers were published, and indexed in the JCR database, being the average impact factor of 1,453. The Program research lines are aimed to the globalized agriculture sustainability, reduction of the environment impact of agricultural activities and quality and productivity increase, which means to target food production and food security.

Crop Science

The Program is on duty for 43 years (First UFLA Graduate Program) and attained score 5 in the last quadrennial evaluation (Agricultural Sciences Area I/CAPES), but due to the consolidation, national reference and international insertion,

the goal is for this Program to reach score 6 in the quadrennial evaluation in 2021. The Program has five permanent professors with research and training abroad, and 12 professors conduct Productivity Scholarship in Research supported by the CNPq. At present, the Program has seven foreign students and five professors, taking their doctoral studies in the sandwich modality. In 2017, 17% of the papers were published in foreign periodicals and 30% of the intellectual production was concentrated in A1 and A2 periodicals. Between 2011 and 2016, 378 essays were published and indexed in the JCR database, being the average impact factor of 0,590. The Program research lines are linked to the production of vegetal origin food, maintaining the food security in every sense. Hence, the proposed thematic is the priority action approach of the Program that can further enhance the indicators of scientific publication.

Agrochemistry

The Program attained score 5 in the last quadrennial evaluation (Agriculture Sciences Area I/CAPES), but due to the consolidation, national reference and international insertion, the goal is for this Program to reach score 6 in the quadrennial evaluation in 2021. The Program has seven permanent professors with research and training abroad, and eight professors conduct Productivity Scholarship in Research supported by the CNPq. At present, the Program has one foreign student and one student in one's doctoral studies in the sandwich modality. In 2017, 82% of the papers were published in foreign periodicals and 51% of the intellectual production was concentrated in A1 and A2 periodicals. Between 2011 and 2016, 437 papers were published and indexed in the JCR database, being the average impact factor of 1,898. The Program Research Lines pursue for the identification of food contaminants, the rationalization of physical-chemical phenomena, new agrochemicals with decreased environmental impact, natural products and synthetic derivatives, which lead the professors to conceive the main goal to decrease the impacts generated by agrotoxins.

Business Administration

The Business Administration Program attained score 5 in the last quadrennial evaluation (Public and Business Administration, Accounting Sciences and Tourism/CAPES). The Program has five permanent professors with research and training abroad, and five professors conduct Productivity Scholarship in Research supported by the CNPq. At present, the Program has three foreign students and five students taking their doctoral studies in the sandwich modality. In 2017, a dissertation defense in English took place at this program, and 27% of the papers were published in foreign periodicals and 33% of the intellectual production was concentrated in A1, A2

and B1 periodicals. Between 2011 and 2016, 13 papers were published and indexed in the JCR database, being the average impact factor of 0,708. The smaller number of publications in Web of Science of the Program, in comparison with the others, is due to the Qualis of the Capes area which considers other factors. The Program has a strong tradition in research on the management environment of the Agriculture Business, acting in the following research lines: cooperativism, market structures, agro-industrial and supply areas of the Brazilian Agriculture Business. The Program participation can increase the international partnerships related to those research lines and increase the publications number in indexed periodicals in the Web of Science.

Veterinary Science

The Veterinary Sciences attained score 5 in the last quadrennial evaluation (Veterinary Sciences Area/CAPEs). The Program has three permanent professors with research and training abroad, and eight professors conduct Productivity Scholarship in Research supported by the CNPq. At present, the Program has four foreign students and two students taking their doctoral studies in the sandwich modality. In 2017, 28% of the papers were published in foreign periodicals and 57% of the intellectual production was concentrated in A1, A2 and B1 periodicals. Between 2011 and 2016, 300 papers were published and indexed in the JCR database, being the average impact factor of 0,914. The research lines "Genetics, Reproduction and Sanity of Aquatic Animals" and "Medicine of Animal Production" are directly connected to the thematic of food production of animal origin and food security, more specifically, in the areas of animal production and reproduction, animal physiology and metabolism and animal sanity.

Biomaterials Engineering

The Program attained score 5 in the last quadrennial evaluation (Agriculture Sciences I/CAPEs). The Program has two permanent professors with research and training abroad and 10 professors conduct Productivity Scholarship in Research supported by the CNPq. At present, the Program has one permanent foreign professor, one foreign student and one student taking one's doctoral studies in the sandwich modality. In 2017, 73% of the papers were published in foreign periodicals and 72% of the intellectual production was concentrated in A1, A2 and B1 periodicals. Between 2011 and 2016, 321 papers were published and indexed in the JCR database, being the average impact factor of 1,666. The Program presents the concentration area "Food Products and Nano-products", which develops research with polymers, micro-nanoparticles and bio-composites, encompassing the polymer production for food.

Besides, the Program develops research on intelligent films, coating films and controlled release of substance, which allows information both on food quality and on the increasing of shelf life, contributing directly to food security.

4. Delimitation of the Managing Group through letter issued by the highest authority of the institution

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PURDUE UNIVERSITY

5. Diagnostic of the institutional internationalization

The Federal University of Lavras (UFLA) history was always marked by internationalization strategies and moves. For example, its foundation was accomplished by North-American missionaries that came to Brazil with the mission to create both schools and Christian Protestant values. The interaction with the international community has been an important support to the development of competencies in teaching, research and extension and marked its whole trajectory. Establishing relationships with foreign institutions and entities has always been regarded as UFLA's strategic goal as in the 70's it started a strong qualified program, having faculty members from American and European universities.

UFLA adopts long-standing institutional mechanisms of interaction with the world. The partnerships are formalized through legal instruments (agreements, covenants, terms and protocols of intent), which constitute means to develop long ranging projects, contributing to the development of the scientific, technological, teaching and university extension areas.

In 2000, UFLA created the Consulting Secretary of International Affairs. Later in 2009, the Office of International Affairs replaced the previous one by having its members connected directly to the Rectorate. This Office is responsible for the organization and development of the internationalization process, which has been increasingly vital to the excellence of teaching, research and extension. The Office of International Affairs' actions and goals have been fulfilled in consonance with the Pro-

Rectories of Undergraduate, Graduate and Research Programs. The internationalization actions have been achieved in strategic and coordinated manner to increase effective mechanisms of partnerships, in addition to the increasing number of legal instruments of academic/scientific cooperation.

UFLA's internationalization is a vital and immediate issue that is strongly present in the institution planning, as it can be demonstrated in the two last Plans of Institutional Development (PDIs of 2011-2015 and 2016-2020).

At present, there are 47 legal instruments of cooperation formalized, due to joint actions of every academic Pro-Rector and The Office of International Affairs that accomplish actions such as double degree, academic mobility, research projects, among others. One example of those joint actions between the Pro-Rector of Undergraduate and the Office of International Affairs is the high number of students taking one's doctoral studies in the sandwich modality with international institutions UFLA has partnerships with. Moreover, in the beginning of 2018, UFLA has more than 100 foreign students registered in its graduate courses.

In October 18th, 2017, UFLA also enacted a Resolution CUNI N° 059, which posed the rules concerning the visiting professors' hiring and selection process.

Since 2012, there has been a significant increase of international and national events of great importance with the presence of foreign researchers, adopting English as the official language.

UFLA also provides courses of Portuguese as a Foreign Language, by mediation of a teacher who has been hired exclusively for this purpose since 2014 (public notice 027/2014). UFLA partakes in the program of the Ministry of Education (MEC) Languages without Borders (IsF), offering English courses and other languages through the Languages Center (NucLi). In addition, NucLi engages students in preparatory courses and in the application of English proficiency tests such as TOEFL/ETS throughout the semesters.

Positive and Negative aspects of UFLA's internationalization

UFLA has notably had major strengths such as the consolidated partnerships fulfilled between its professors and international institutions, and the Internationalization Policy created and institutionalized in 2012, i.e., the Plan of Institutional Development (PDIs of 2011-2015 and 2016-2020). Besides, there are several Multi-users Laboratories that meet the demands of interdisciplinary actions in collaboration with other international universities. It is worthwhile mentioning that UFLA's historic background in Agricultural Science since its foundation has contributed to the

development of its teaching and research collaborations with foreign higher education institutions that focus both on Food Production and on Food Security.

Negative aspects

Despite the highlighted positive aspects, UFLA still needs to improve in some key points to its internationalization such as the mastery of the English language which has not been achieved by the whole academic community yet and the offer of few courses delivered in English. Thus, there is a high concentration of publications written in Portuguese language and published in national periodicals like other universities nationwide.

6. Institutional Vocation

Nowadays, UFLA stays among the 10 best Brazilian universities according to the General Index of Courses (*Índice Geral de Cursos – IGC*) of the Ministry of Education. In addition, UFLA is among the group between 100 out of 150 best Universities of the world in Agricultural Sciences and Forest Resources, according to the QS ranking, it stands among the 12th best universities in Latin America and 7th in Brazil in this theme.

According to UI GreenMetric World University Rankings, UFLA has been one of the most sustainable institutions in the whole world, grasping the 35th position and the 2nd in Brazil since 2012. At present, nearly 70% of its Graduate Programs' scientific production are in Agricultural Sciences. Between 2011-2016, only the Graduate Programs partaking in proposals and actions both in Food Production and Food Security published 3.275 scientific papers indexed in Web of Science.

7. General Objective

The project of UFLA is to consolidate the international partnerships already existent with universities from United States and from some Europe countries, as England, France, Holland, etc. Beyond that, with the resources provided by PrInt will be possible to create lasting institutional partnerships with other worldly renowned Universities in the food production and food security areas. All of this will be intended to improve the formation of graduation students (direct benefit) and undergraduation students (indirect benefit) of UFLA, as well as the quality of the developed researches. Another objective of the project is to allow the creation of mechanisms to expand the internationalization and the international environment inside UFLA, as well as to

stimulate the internationalization experience of the academic community, through the following actions:

1. Increasing the publishing of papers and patents with foreign collaborators;
2. Expanding the participation of professors in congresses abroad;
3. Increasing the international mobility of professors and students;
4. Increasing the number of professors and students who master the English language in the campus, which will allow the expansion of the number of courses taught in English and the participation of foreign collaborators in research groups;
5. Expanding the participation of foreign professors in UFLA;
6. Expanding the participation of visiting professors in graduation and undergraduation of UFLA;

Beyond the expansion of the international environment, this Project has yet as objective to stimulate the international insertion of the Graduation Programs of UFLA, taking in accounting the following aspects:

1. Increasing the participation of foreign professors in research groups of UFLA;
2. Increasing the number of researches developed with world renowned research centers;
3. Providing the Multi-users Laboratories of UFLA with the laboratorial methodologies utilized in the laboratories of the international partners;
4. Increasing the number of published papers with high impact factor in the areas related to this project;
5. Increasing the citation indicators of UFLA;
6. Increasing the number of professors that act in the editorial body of periodicals of high impact;
7. Increasing the number of professors that are invited to the lecture presentations in international events;
8. Increasing the submission and approval of projects by international bodies or agencies of promotion;

8. Objectives by themes

Theme Title:

Food Production and Food Security

Objective:

Beyond the general objectives described above this project possess the following specific objectives:

- 1- To form networks of mobility consolidated with foreign partner Institutions and that are world renowned as the best in the Food Production and Food Security areas;
- 2- To develop projects with international collaboration in the short, medium and long terms with the partner Institutions;
- 3- To increase the quantity of courses and classes fully taught in English;
- 4- To increase the number of foreign students in the involved Graduation Programs;
- 5- To increase the writing of thesis and dissertations in English and, subsequently, the participation of foreigners in defense boards;
- 6- To expand the scientific production in international periodicals of elevated impact, which shall improve the international visibility of the Graduation Programs of UFLA abroad and of the Brazilian science on the theme “Food Production and Food Security”;
- 7- To expand the repository of patents of technologies aimed to “Food Production and Food Security”.
- 8- To develop new technologies to be utilized by the different chains connected to food production in Brazil.
- 9- To form human resources of quality that can act in national and international centers of research, as well as in areas of Research & Development of national and multinational companies in Brazil and abroad.
- 10- To increase cooperation agreements that prescribe double degree, co-tutorship and other joint orientation mechanisms.

9. Goals and Indicators

Theme 1 - Food production and food security

Goal 1 – To internationalize the research and the university environment pertinent to UFLA's Graduate Programs related with the area of food production and food security

Activity 1 - To form consolidated mobility networks with international institutions

Start date – 08/2018

End date – 07/2022

Description – Consolidate existing partnerships and achieve greater institutionalization of internationalization actions, allowing the formation of research networks.

Activity 1 - Indicator 1

Type – Qualitative

Indicator - Research networks formed

Current situation – (Not applicable)

Goal for the 2nd year – (Not applicable)

Final goal - (Not applicable)

Activity 2 - To develop projects with international collaboration among partners in the medium and long-term

Start date – 08/2018 End date – 07/2022

Description – Submit research projects to national and international agencies. Conduct joint research through the mobility of students and professors.

Activity 2 - Indicator 1

Type – Quantitative

Indicator - Number of “sandwich” doctorate scholarships implemented

Current situation – 40

Goal for the 2nd year – 86

Final goal - 132

Activity 2 - Indicator 2

Type – Quantitative

Indicator - Number of Overseas Visiting Professors Scholarships implemented.

Current situation – 41

Goal for the 2nd year – 50

Final goal - 58

Activity 3 – To expand the number of courses and classes taught in English.

Start date – 03/2019 End date - 07/2022

Description – All participating Programs must offer courses in English. The number per Program will be defined later depending on the faculty.

Activity 3 - Indicator 1

Type – Quantitative

Indicator - Number of courses taught in English.

Current situation – 5

Goal for the 2nd year – 15

Final goal - 30

Activity 4 – To expand the number of dissertations and theses written in English.

Start date – 01/2019 End date - 07/2022

Description – Encourage all Postgraduate Programs students to write dissertations and theses in English and require those who have been awarded sandwich scholarships to do the same.

Activity 4 - Indicator 1

Type – Quantitative

Indicator - Number of dissertations and theses written in English (annual).

Current situation – 39

Goal for the 2nd year – 60

Final goal - 80

Activity 5 – To expand scientific production in international high-impact journals.

Start date – 01/2019 End date - 07/2022

Description – Provide resources, through calls, for translation and review of scientific articles. Provide resources, through calls, for payment of fees for publication in high impact periodicals.

Activity 5 - Indicator 1 -

Type – Quantitative.

Indicator - Number of articles translated (annual).

Current situation – 100

Goal for the 2nd year –125

Final goal - 150

Activity 6 – To expand the number of patents registered for technologies related to Food Production and Food Security

Start date – 01/2020 End date - 07/2022

Description – Provide operational and financial support through the Center for Technological Innovation of UFLA (NINTEC) to protect the research that has the capacity to generate technological innovation.

Activity 6 - Indicator 1

Type – Quantitative.

Indicator - Number of patent applications in NINTEC (annual).

Current situation – 13

Goal for the 2nd year – 30

Final goal - 50

Activity 6 - Indicator 2

Type – Quantitative.

Indicator - Number of patents registered (last 4 years)

Current situation – 67

Goal for the 2nd year – 82

Final goal - 97

Activity 7 - To develop new technologies to be utilized by the different chains connected to food production in Brazil.

Start date – 01/2019 End date – 07/2022

Description – Research in collaboration with the main research centers in the area of food production and food security will allow the development of technologies to be used in the food chains in Brazil and in other countries.

Activity 7 - Indicator 1

Type – Qualitative.

Indicator - Development of new technologies.

Current situation – (Not applicable)

Goal for the 2nd year – (Not applicable)

Final goal - (Not applicable)

Activity 8 - To expand cooperation agreements that establish double degrees, co-tutorships and other joint orientation mechanisms.

Start date – 01/2019 End date - 07/2022

Description – Carry out overseas missions so that cooperation agreements can be signed with institutions that are already partners, but there is no formal agreement, or with the objective of developing new partnerships. Conclude cooperation agreements to establish double degrees, co-tutorships and other joint orientation mechanisms.

Activity 8 - Indicator 1

Type – Quantitative.

Indicator - Number of legal instruments formalized in the International Relations Office (in force)

Current situation – 47

Goal for the 2nd year – 60

Final goal - 75

Activity 8 - Indicator 2

Type – Quantitative.

Indicator - Missions abroad.

Current situation – 0

Goal for the 2nd year – 4

Final goal - 7

Activity 8 - Indicator 3

Type – Quantitative.

Indicator - Number of cooperation agreements establishing double degrees, co-tutorships and other joint orientation mechanisms.

Current situation – 6

Goal for the 2nd year – 9

Final goal - 12

Theme 1 - Food production and food security

Goal 2 – To create an international environment and increase the international insertion of UFLA.

Activity 1 – To increase the publication of articles with foreign collaborators

Start date – 08/2019 End date – 06/2022

Description – Increase the percentage of publication of scientific articles with the participation of collaborators, in order to increase the possibility of citations.

Activity 1 - Indicator 1

Type – Quantitative.

Indicator - Percentage of articles with foreign collaborators.

Current situation – 10

Goal for the 2nd year – 15

Final goal - 20

Activity 2 – To expand the participation of professors in congresses abroad

Start date – 01/2019 End date - 06/2022

Description – Enable the participation of professors in congresses abroad with the purpose of increasing the visibility of UFLA, developing international networks of contacts and increasing the knowledge for the development of new researches. This action will be carried out as counterparts of the participant programs in the Project and will have the support of development agencies.

Activity 2 - Indicator 1

Type – Quantitative.

Indicator - Number of professors participating in conferences abroad per year.

Current situation – 32

Goal for the 2nd year – 50

Final goal - 60

Activity 3 - Increase the international mobility of professors.

Start date – 01/2019 End date – 07/2022

Description – Provide conditions for permanent professors participating in this proposal to undertake a senior internship abroad in pre-selected institutions by the committee and recognized worldwide as the best in the area of food production and food security.

Activity 3 - Indicator 1

Type – Quantitative.

Indicator – Number of professors who have completed a senior internship abroad.

Current situation – 41

Goal for the 2nd year – 50

Final goal - 58

Activity 4 - To increase international student mobility

Start date – 01/2019 End date – 07/2022

Description – Send doctoral students to take part in “sandwich” doctorate at high-level partner institutions in this project.

Activity 4 - Indicator 1

Type – Quantitative.

Indicator - Number of students taking part in “sandwich” doctorate .

Current situation – 24

Goal for the 2nd year – 46

Final goal - 92

Activity 5 – To increase the number of professors and students who master the English language in the campus.

Start date – 01/2019 End date – 07/2022

Description – Increasing the number of professors and students who master the English language in the campus will allow the expansion of the number of courses taught in English and the participation of foreign collaborators in research groups.

Activity 5 - Indicator 1

Type – Quantitative.

Indicator - Number of courses taught in English.

Current situation – 5

Goal for the 2nd year – 15

Final goal - 30

Activity 6 – To increase the participation of foreign students in UFLA

Start date – 01/2019 End date – 07/2022

Description – Increase the participation of foreign students through cooperation agreements, double degrees or co-tutorships in the PrInt Participating Programs. In addition, UFLA will continue to offer opportunities in its Graduate Programs through agreements with the Coimbra Group, such as PAEC-OEA and programs of other development agencies such as PEC-PG.

Activity 6 - Indicator 1

Type – Quantitative.

Indicator - Number of foreign students in postgraduate programs.

Current situation – 47

Goal for the 2nd year – 70

Final goal - 100

Activity 7 – To increase the participation of foreign visiting professors in the post-graduate programs.

Start date – 03/2019 End date – 07/2022

Description – Offer visiting professor scholarships in Brazil. In addition, foreign lecturers from partner institutions will be encouraged to participate in Dissertation and Thesis defense, as well as in post-graduate classes through video conferences.

Activity 7 - Indicator 1

Type – Quantitative.

Indicator - Number of scholarships implemented for Visiting Professors in Brazil (quota of 30 days)

Current situation – 3

Goal for the 2nd year – 24

Final goal - 48

Activity 7 - Indicator 2

Type – Quantitative.

Indicator - Number of professors who taught courses in postgraduate programs.

Current situation – 10

Goal for the 2nd year – 20

Final goal - 30

Activity 7 - Indicator 3

Type – Quantitative.

Indicator - Number of foreign members in dissertation and thesis defense (annual)

Current situation – 16

Goal for the 2nd year – 30

Final goal - 45

Activity 8 – To increase the participation of foreign professors in UFLA research groups.

Start date – 01/2019 End date – 07/2022

Description – Through the consolidation of institutional partnerships between UFLA and foreign universities and research centers, an environment will be created in which foreign professors will begin to participate in research groups registered with CNPq.

Activity 8 - Indicator 1

Type – Quantitative.

Indicator - Number of foreign professors in UFLA research groups.

Current situation – 13

Goal for the 2nd year – 20

Final goal - 30

Activity 9 - To increase the number of researches developed with world renowned research centers.

Start date – 01/2019 End date – 07/2022

Description – Conduct research with partner institutions.

Activity 9 - Indicator 1

Type – Qualitative.

Indicator - Growth in partnership research.

Current situation – (Not applicable)

Goal for the 2nd year – (Not applicable)

Final goal - (Not applicable)

Activity 10 – To increase the number of published papers with high impact factor in the areas related to this project.

Start date – 01/2019 End date – 07/2022

Description – Use the partnerships and knowledge acquired by international mobility to increase the percentage of publications in journals with high impact factor.

Activity 10 - Indicator 1

Type – Quantitative.

Indicator - Percentage of articles published in A1 and A2 journals.

Current situation – 40

Goal for the 2nd year – 50

Final goal - 60

Activity 11 - Increase UFLA citation indicators.

Start date – 08/2019 End date – 07/2022

Description – Increase publication in journals with a higher impact factor, which will increase the citations of the scientific publication produced by participating programs.

Activity 11 - Indicator 1

Type – Quantitative.

Indicator - Average citations per article in the last 5 years.

Current situation – 3,72

Goal for the 2nd year – 4

Final goal – 4,5

Activity 11 - Indicator 2

Type – Quantitative.

Indicator – UFLA's percentile in the THE ranking.

Current situation – 7

Goal for the 2nd year – 10

Final goal - 15

Activity 12 – To provide the UFLA's Laboratories with the laboratorial methodologies utilized in the laboratories of the international partners.

Start date – 01/2019 End date – 07/2022

Description – Take advantage of the knowledge acquired by professors, students and technicians who carried out activities in the partner institutions to improve the methodologies of analysis in the UFLA laboratories.

Activity 12 - Indicator 1

Type – Qualitative.

Indicator - Improvements in laboratory analysis methods.

Current situation – (Not applicable)

Goal for the 2nd year – (Not applicable)

Final goal - (Not applicable)

Activity 13 – To increase the number of professors who work in the editorial staff of high impact journals

Start date – 01/2020 End date – 07/2022

Description – The greater international insertion will allow more researchers to work in the editorial staff. The participation will be recognized in the norms that regulate the professor's work in the institution.

Activity 13 - Indicator 1

Type – Quantitative.

Indicator - Number of professors in editorial staff of high impact journals.

Current situation – 10

Goal for the 2nd year – 12

Final goal - 20

Activity 14 – To increase the number of submissions and approvals of projects in international bodies or agencies.

Start date – 01/2019 End date – 07/2022

Description – Stimulate through the Pro-Rectorcy of Research the submission of projects in international agencies. Provide courses on international fundraising opportunities.

Activity 14 - Indicator 1

Type – Quantitative.

Indicator - Number of projects with international funding.

Current situation – 0

Goal for the 2nd year – 4

Final goal - 8

10. Review of the Programs' curriculum framework to offer both courses and themes in foreign languages

The Pro-Rectorcy of Graduate Programs (PRPG) through its Internationalization Chamber has been working since 2012 with the implementation of courses offered in other languages, starting instruction through English (English as a Medium of Instruction-EMI). In 2016, every curriculum framework of the Graduate Programs was reviewed, prioritizing a more holistic and scientific focus. Some scored scores 5, 6 and

7 graduate courses were indicated to be fully taught in English. Besides, UFLA offers yearly training in *English as a Medium of Instruction* (EMI) to the professors that don't deliver classes in English so that they can initiate in 2018 and in the following years. On April 28th, 2017, the Resolution PRPG nº 028 was published, and it establishes that either the course conclusion paper, the dissertation or thesis can be partially or fully written in Portuguese, English or in another foreign language, defined by the Programs in their own resolution.

Besides, foreign students or the ones who have participated in academic mobility abroad have the choice to write either their course conclusion paper, their dissertation or thesis, following the rules aforementioned. When international events are performed at UFLA, both researchers and foreign students are invited, depending on their schedule availability, to deliver classes and to participate in workshops in the various programs. The classes can be taught in courses of regular offer or in the courses registered as Special Topics which has the content different from the regular ones. The Pro- Rector of Graduate programs, systematically, stimulates that, in the composition of the defense board of mandatory activities, Dissertations and Theses are performed through video-conferences and with the presence of a foreign member, with the considerations and answers in English. Finally, the pages of every Graduate Program present the English version and there is still the Pro-Rector of Graduate Programs' goal that in 2018, the Graduate programs will provide the Spanish and French versions so that their Programs' international visibility can be ensured.

11. Modalities of Benefits

1) Doctoral Studies in Sandwich Modality (PDSE)

1 yearly quota of 6 months, total of 4 quotas, to the Graduation Programs with scores of 5: 3 PPG's x R\$ 49.118,40 (including tuitions, travel aid, health insurance, housing-aid) x 4 years x 1 quota/year = **R\$589.420,80**

2 yearly quotas of 6 months, total of 4 quotas, to the Graduation Programs with score consolidated of 5 and 6: 7 PPG's x R\$49.118,40 (including tuitions, travel aid, health insurance, housing-aid) x 4 years x 2 quotas/year = **R\$2.750.630,40**

3 yearly quotas of 6 months, total of 4 quotas, to the Graduation Programs with scores of 7: 2 PPG's x R\$49.118,40 (including tuitions, travel aid, health insurance, housing-aid) x 4 years x 3 quota/year = **R\$1.178.841,60**

SUB-TOTAL = R\$4.518.892,80

2) PostDocs in Brazil (Brazilians that attended full doctorate abroad)

18 quotas of 12 months to the Graduation Programs with scores of 5 consolidated, scores of 6 e 7: 9 PPG's x R\$49.200,00 x 2 years = **R\$885.600,00**

SUB-TOTAL = R\$885.600,00

3) Qualification in short duration courses

4 quotas of 3 months to institutional technicians training = U\$4.294,00 (including tuitions, travel aid, health insurance, housing-aid) + U\$1.390,00 (tuition) x 2 = U\$7.074,00 x 4 quotas = U\$28.296,00 x R\$3,60 (conversion dollar to real) = **R\$101.856,60**

8 quotas of 1 month to *summer/winter schools* in France = U\$4.294,00 (including tuitions, travel aid, health insurance, housing-aid) x 8 quotas = U\$34.352,00 x R\$3,60 (conversion dollar to real) = **R\$123.667,20**

SUB-TOTAL = R\$225.523,80

4) Senior Visiting Teacher (senior internship abroad or PhD)

17 quotas of 12 months (1 quota for the participating Programs, plus 1 additional quota to the Graduate Programs with scores of 6 and 7) = R\$154.411,20 (including tuitions, travel aid, health insurance, housing-aid) x 17 = **R\$2.624.990,40**

SUB-TOTAL = R\$2.624.990,40

5) Visiting Professor in Brazil

1 yearly quota of 30 days by the participation in Graduate Programs (Administration, Biomaterials Engineering, Veterinary Sciences, Phytotechny, Phytopathology, Entomology, Agrochemistry, Soil Sciences, Genetics and Plants Betterment, Animal Science, Food Sciences and Agricultural Microbiology): 12 x 4 years x R\$23.115,29 (including tuitions, travel aid, health insurance, housing-aid) = **R\$1.109.533,92**

SUB-TOTAL = R\$ R\$1.109.533,92

6) Missions Abroad (7 days trips)

Mission in North America (1 in Canada and 4 in EUA): 5 missions with the presence of three professors in each mission

U\$1.604,00 (travel aid) + U\$310,00/daily rate x 7 = U\$3.774,00 x R\$3,60 (conversion dollar to real) = R\$13.586,40 for mission/professor x 5 x 3 = **R\$203.796,00**

Mission in Europe (1 in France and 1 in England): 2 missions with the presence of three professors in each mission

U\$1.706,00 (travel aid) + U\$310,00/daily rate x 7 = U\$3.876,00 x R\$3,60 (conversion dollar to real) = R\$13.953,60 for mission/professor x 2 x 3 = **R\$83.721,60**

SUB-TOTAL = R\$287.517,60

Budget Summary:

Doctoral Studies in Sandwich Modality (PDSE)

SUB-TOTAL = R\$4.518.892,80

PhD in Brazil (Brazilians that attended full doctorate abroad)

SUB-TOTAL = R\$885.600,00

Qualification

SUB-TOTAL = R\$225.523,80

Senior Visiting Professor (senior internship abroad or PhD)

SUB-TOTAL = R\$2.624.990,40

Visiting Professor in Brazil

SUB-TOTAL = R\$1.109.533,92

Missions Abroad (7 days trips)

SUB-TOTAL = R\$287.517,60

TOTAL: R\$ 9.652.067,52

12. Beneficiaries' Selection

The selection of all of the beneficiaries will be performed via Public Notices approved by the Managing Group following all CAPES regulations and Internal University Resolutions. It is important to highlight that all of the scholarship holders will be selected fulfilling the theme of the project "Food Production and Food Safety". Below we present the drafts of the Public Notices.

The Public Notices for selection of the beneficiaries can be found in the Annex I of this project.

13. Strategy and consolidation of existing international partnerships and the construction of new partnerships

UFLA, currently, has more than 50 formalized partnerships with international institutions. Most of these partnerships are held with Higher Education Institutions, which allow a large field of action for their consolidation, such as: promotion of public notices for mobility of students from undergraduate and graduate levels; intermediation of contact between UFLA's professors and the ones from the partner institution in order to conclude joint research that will result into international publications; support to

graduation students in the search for professors that are willing to receive them for the development of their research abroad; migration from Intent Protocols to specific Cooperation Agreements; expansion of Cooperation Agreements to instruments that will lead to double degree of graduate students. One of the strategies for the consolidation of international partnerships is UFLA's participation in international programs promoted by Brazilian agencies. These partnerships are inserted in bilateral and/or multilateral programs approved by CAPES or CNPq such as the Programs CAPG/BA, Prosul, DGU, Cytel, Foreign Visiting Researcher, COFECUB, BRAFITEC, Sea Sciences and European Union. It is noteworthy mentioning that the longest UFLA Program, valid for 8 years, was the CAPG/BA (Program of Graduate Associated Centers, Brazil-Argentina). In addition to the consolidation of the current partnerships, UFLA pursues new collaborations.

The Office for International Affairs (DRI in Portuguese) hosts significant part of the procedures of International Cooperation and one of its strategies was to ally even more to each Department through a "contact spot" that can evaluate and contribute, in academic terms, to the new proposals of cooperation, so that they can become indeed effective. Working missions to strategic international institutions are constantly conducted, in search of the consolidation of the contact previously made through electronic means, and moreover; the participation in academic events of global reach (congresses, fairs and the like). Furthermore, the DRI has established, in accordance with the involved sectors, terms and procedures so that the signature of these instruments becomes faster. Allied to this strategy, UFLA always prepares their students and professors before the implementation of the mobility so that, among other matters, they act like "UFLA's Ambassadors" in the receiving institution. This mechanism helps the tightening of the already existing cooperation ties and the creation of new ones.

14. Strategy for foreign professors' attraction to Brazil

One effective way to attract foreign professors to UFLA has been the Graduate Programs' adherence to the Program of Alliances to the Education and Capacitation (PAEC OEA-GCUB in Portuguese), with the insertion of several foreign professors in the different graduate programs. This Program is a result of the Cooperation Agreement signed between the Coimbra Group of Brazilian Universities (GCUB in Portuguese) and the Organization of American States (OEA in Portuguese). This agreement, coordinated by the Pro-Rector of Graduate Programs (PRPG in

Portuguese) and the Office for International Affairs has obtained promising results to the attraction of foreign professors in the master and doctorate levels of the Graduate Academic Programs at UFLA. Other action consists of the existence of an institutional counterpart, in which the PRPG, through the creation of the Ordinance PRPG n° 1103, from December 29th, 2016, establishes priority to the concession of scholarships CAPES/PRPG to the master and doctorate levels that prioritize international actions. Other strategy for the attraction of foreign professors occurs in accordance to what is established in the Article 26 of the General Regulation of Graduate Programs, that foresees the possibility of admission of a foreign professor, holder of an undergraduate degree, who has been approved in a specific selection procedure. The participation of the PPGs also occurs in the public notices of the Brazilian government specific to foreign people, such as the PEC-PG.

The project PrInt/CAPES of UFLA stipulates 18 affirmative actions for 12 months to Graduate Programs in Brazil. These affirmative actions will be destined to the Graduate Programs of excellence, that will have the task of mapping young foreigners or Brazilian ones to take part into public notices of selection. It is expected that the selection of students with high scientific qualification can contribute to one of the research lines of the Program. In addition to the scholarships, the PRPG will provide a car with a driver to the transfer of the foreign students from the airport to UFLA and the DRI will provide all the necessary support with the Federal Police, Federal Revenue and the banking system (Banco do Brazil) to provide the necessary documents for the opening of a bank account. The students can utilize the University Restaurant where each meal costs R\$2,00: the same amount paid by the undergraduate students. Additionally, they have free transport service inside campus.

15. Strategy for professors' and foreign researchers' attraction to Brazil

The Resolution CUNI N° 059, from October 18th, 2017, was created and approved to set out the norms of selection and the hiring of foreign visiting professors (PVE in Portuguese). The professors selected, through specific public notice, being published in the first semester of 2018, foresees the hiring of foreign researchers with doctorate title for at least 10 (ten) years of experience and with recognized international competence in one's area of expertise. The working regime and position of the foreign visiting professor will be equivalent to the career plan and the salaries of professors at UFLA, in the categories of Professor or Full Professors. The main objective of the hiring of these professors is to support the development of the human resources and

the research of the *Stricto Sensu* Graduate Programs, besides being registered as Permanent Professors in the PPGs. The hiring of the visiting professor also aims at the contribution to the improvement of the internationalization of the PPGs, contribution to the execution of the professors' capacitation programs and the promotion of the expansion of cooperation and UFLA's scientific and technological international production. The contract will be established for the minimum of 1 (one) month and not superior to 12 (twelve) months, being admitted consecutives renewals since they do not exceed the total of 48 (forty-eight) months.

The Pro-Rector of Graduate Programs' (PRPG in Portuguese) goal is to publish the first public notice to the hiring of 28 (twenty-eight) vacancies. Besides that, the working mission foreseen in the PrInt Project will have as objective the expanding and implementing agreements to the mobility of professors, since the PrInt Project foresees 15 (fifteen) more annual affirmative actions of Visiting Professors in Brazil for a period of 30 (thirty) days. The visiting professors shall also have renowned international experience. They will act in the Programs and will be responsible to the teaching of condensed courses, participation in Qualifying Examinations, among other activities. The DRI will forward to the foreign institutions selected in the PrInt Project both an UFLA's advertising material and an Institutional video. As UFLA counterpart, vehicles and drivers to the transfer Lavras/airport of Confins-MG will be provided, in addition to house guests located in the historical campus. Therefore, the foreign professor won't have expenses of housing, water, light (utilities) and internet.

16. Strategy for the professor/student's preparation for the period abroad

The Office for International Affairs (DRI), through its/the language coordinating body, via Language Center (NuLi), keeps systematically preparatory classes (to UFLA's students, professors and administrative staff members) and proficiency tests applications in English language, like TOEFL/ETS. Likewise, UFLA systematically provides lectures for technical-scientific preparation with the participation of egresses from abroad so they can contribute to the explanation of details regarding the experience acquired abroad, contributing to a greater adhesion to the opportunities of mobility financed within the project. Another form of preparation is the offer of courses and lectures, in addition to the completion of meetings and defense of Dissertations and Theses using the English language, that occur through visits of the foreign professors in the campus or through videoconference. Therefore, the creation of an international environment is one of the best ways to prepare future professors and

students to the experience abroad. Moreover, the professors and students interested in the academic mobility abroad and that are inserted in the Graduate Programs that are part of the PrInt Program UFLA "Food Production and Food Security" will be constantly motivated through the electronic advertising and lectures so that they can get involved in advance in the action of preparation. They shall also present a Work Plan in accordance with the objectives of the PrInt Project and they shall join the internal procedures of selection at UFLA.

Moreover, UFLA will offer the possibility of contacts with the partners during the period prior to the external mobility, motivating the use of videoconferences, through equipment installed in the Graduate Programs' participants of the PrInt, which will contribute to an adequate elaboration of the Work Plan that shall be fulfilled during the mobility. The DRI will provide support before the mobility, and intend to guide the professors and students regarding the necessary documents to their stay abroad, such as VISA acquisition, international health insurances plans and registration in the institution. Concerning the people contemplated with scholarships abroad, it will be required the presentation, on the part of the beneficiary, of an institutional lecture of UFLA and the joined Program, to the foreign partner, in order to establish new partnerships, and other presentation of their research line. Returning to Brazil, it will be required a presentation related to the appropriate knowledge and experience acquired abroad by the beneficiaries of the actions of the Institutional Project of Internationalization.

17. Policy of foreign partners' choice

In 2014, there was the launch of the UFLA's Internationalization Program, that was later updated and approved by its University Council - CUNI (Resolution CUNI Nº 015, 03/05/2018). The internationalization actions implemented during the last years resulted in 47 (forty-seven) formally affiliated institutions, through agreements, covenants, terms and intent protocols, programs of credit recognition, double degree and co-tutored thesis. Among these partner institutions, several are universities of excellence in Agricultural Sciences, according to the following rankings: Times Higher Education (THE) and QS World University, like Wageningen, Illinois and Purdue. Thus, the choice of the partners has as first criteria the adherence to the research lines developed by PPG's participants with the expertise of the partners institutions. Besides that, the partnerships already existing were analyzed and that needs to be expanded and/or consolidated. To the accomplishment of this analysis, it was taken into

consideration the institutions with whom UFLA holds the biggest international collaborations, through the publication of scientific articles, the collaboration in research and in the mobility of students and professors.

The policy of foreign partners has also taken into consideration the impact of the science made in these countries and institutions and, in the current context, the tradition of collaboration between Brazil and these countries. For instance, it is possible to verify that EUA, England and France are between the 4 (four) countries in which Brazil has most invested in graduate scholarships during the last years. Other criteria are the counterpart of these countries to UFLA, like the case of the agreements made with France and the tuition waiver offered by the U.S.A institutions. In this sense, a few institutions have already been defined by the Commission responsible for the elaboration of this proposal, after the manifestation of the PPGs involved, like the Universities from Florida, UC Davis, Wageningen (Netherlands), Illinois, Purdue, Lancaster, Wisconsin and INRA (France), among others from the countries attained in the Annex 1 from the PrInt public call. Therefore, 70% (seventy per cent) of the financial resources are destined to these partnerships. Besides that, part of the resources can be used with institutions from other countries that have centers of excellence in complementary areas in Agricultural Sciences. Thus, it is applied the “intersection of ideas” that can result in the real concept of “path-breaking innovations”, promoting a multidisciplinary technology innovation.

18. Internal selection policy of actions and beneficiaries

There will be public notices specific to the selection of students, researchers, administrative technicians and professors in the modality “Sandwich Doctorate” (PDSE), Graduate in Brazil, Capacitation and Senior Visiting Professor. In the case of the modality of Visiting Professor in Brazil, each of the Graduation Programs will have 4 (four) annual affirmative actions of 30 (thirty) days and, in this case, the Managing Group, heard by the Program coordination, will evaluate the impact of the foreign professors selected by the collegiate and one’s experience and scientific contribution to the area and line of research selected by the Program. The partnerships with foreign institutions, will only be held between the ones that foresee academic and administrative tuition waiver.

The existence of counterparts offered by foreign Universities must be taken into consideration and announce widely to the PPG’s participants so that they give the proper attention and stimulate the interaction with these institutions. In the case of scholarships abroad, there will be requirements of proficiency in languages, in

accordance with the minimum requested by each modality, proven upon the criteria established by CAPES and presented at the moment of application. In the case of public notices for the selection of students and professors there will be transparency in the disclosure of the opportunities of financing and detailing regarding the merit criteria for the selection of beneficiaries. To the non-approved candidates, there will be the right to bring administrative proceedings and response to the proceedings.

In all the modalities of the assistance forms, it will be prioritized the choice for the foreign partners indicated by the UFLA's PrInt Project as a priority. As already mentioned, 70% (seventy per cent) of the envisaged resources must be respect to the partner institutions from countries with whom CAPES maintains effective cooperation inside the modality of assistance. To the scholarships abroad, it will be required a "Plan of Activities", technical-scientific joint production and the counterpart of the partners institutions to the execution of research, in addition to the requirement of presentation, on the part of the beneficiary, of an institutional lecture about UFLA and about the Program of which the beneficiary has taken part in, to the partner institution, seeking the possibility of new partnerships. In the return to Brazil, it will be mandatory the presentation of a lecture regarding the appropriateness of the knowledge and experience acquired abroad by the beneficiaries of the actions from the Internationalization Institutional Project.

19. Hiring of professors with recognized international performance Policy

Recently, the Resolution CUNI Nº 059 was approved (on October 18th, 2017), and that disposes about the norms of selection to the hiring of Visiting Foreign Professors (PVE) and Wide Competition Visiting Professors. The Visiting Foreign Professors (PVE) will act primarily alongside to the Graduate Programs. Every hiring, properly authorized by the Rector, will have the following objectives: support the formation of human resources, the research of the *Stricto Sensu* Graduate Programs, aside from contributing to the improvement and the internationalization of the Graduate Programs in the areas of teaching, research and extension. The candidate must have the title of doctor for at least 10 (ten) years of experience and must have recognized competence in one's area of acting, attested by the Council of Teaching, Research and Extension (CEPE), and also heard the Collegiate of the interested Graduate Program.

The candidate must have proven experience and formation compatible to the established criteria to the accreditation as Permanent Professor at the Graduate Program. The contract will be effective form a minimum period of 1 (one) month and not superior to 12 (twelve) months, being admitted successive renewals, since not exceeding the total of 48 (forty-eight) months. The working regime and the PVE

position will be equivalent to the plan of positions and salaries of the UFLA professors and defined in the Public Notice. The selection process will be initiated by the Pro-Rector of Graduate Programs (PRPG), that will take into consideration the Strategic Plan from UFLA's Graduate Courses. The public notices are in construction and the PRPG's goal is to publish the public notice in the first semester of 2018, for a total of 28 (twenty-eight) vacancies, 1 (one) vacancy to each academic Graduate Program from UFLA. The working missions that will be realized in the PrInt Project will have as objective to achieve covenants to the mobility of professors and students outwards and will also increase UFLA's visibility, which can amplify the possibility of having more professors interested in acting as PVE Professor at UFLA.

20. Proficiency in foreign languages Policy

Considering the importance of a multilingual environment that promotes the international cooperation, UFLA has instituted the Linguistic Policy, providing the opportunity of initial and/or continued formation in foreign languages in different modalities to the professors, students and administrative staff members. The goal is to consolidate a linguistic institutional policy that comprehends the UFLA's internationalization policy, the multilingualism involving the foreign languages both in the performance aspects and in the handling of language proficiency difficulties.

a) UFLA offers courses to the formation and qualification of the teaching body and of the administrative staff members in foreign languages, through UFLA's Languages Center (NucLi), as well as with partnerships with foreign institutions. English classes aimed at professors will take place before each semester starts. This week is set aside for the Faculty Development Program; therefore, a one-week intensive English course at the beginning of each academic semester will increase professors' confidence in delivering their subjects through English.

b) The continued offering of credits in a foreign language in the graduate courses of UFLA has been stimulated and institutionalized through the incisive support from the university in buying literature in foreign languages, through the Language Center (NucLi) from the institution, in the promotion of the specialized monitoring to follow-up of the classes, in the different grading in the progression plan, in addition to the already referred capacitation courses in a foreign language aimed at professors.

c) Through professors approved in public contest to this objective, UFLA ensures the offering of mandatory components of foreign languages to each and every UFLA course that has been included these subjects in its pedagogical project.

d) The Portuguese teaching as non-mother language is ensured to the foreign students and researchers, such as nominated professors exclusively for this purpose.

The UFLA Linguistic Policy is managed by a Permanent Commission composed by 11 members, among teachers, professors and administrative staff members, and commanded by the Coordinator of Languages of Office for International Affairs.

21. Recognition of credits Policy

According to the Resolution CEPE N° 256, from August 2nd, 2016, that disposes of the General Regulation of the *Stricto Sensu* Graduate Programs from Federal University of Lavras, the Article 40, quotes: “The students will be able to use, following Collegiate criteria, to the effect of curriculum pay-up, the credits obtained in subjects attended in *Stricto Sensu* Graduate Programs (PPGSS) of Higher Education Institutions (IES) of the country, recognized by CAPES, or abroad.” The credits referred to in the caption of this article will be used to master and doctorate if obtained within 5 (five) years. The subject will be registered in the scholar history with its denomination, course load and number of credits converted by the relation class/credit adopted by UFLA. Still, according to the Resolution, the pay-up of credits concerning the isolated subjects attended at other PPGSS in the country or abroad is limited to 50% (fifty per cent) of the required credits by PPGSS in which the student is registered. In this sense, the Pro-Rector of Graduate Programs (PRPG) can still publish specific ordinances, whether necessary to ease the pay-up of credits attended of subjects abroad, if there is technical-scientific justification to this pay-up. It is highlighted that there are necessary documents to the implementation of the pay-up, for this reason, the PRPG in conjunction with the Office of International Affairs (DRI) guide the students before their departure outwards.

The same logic is adopted regarding the foreign students, that are oriented regarding the collections of necessary documents to the pay-up of credits attended at UFLA in the institution of origin. Besides that, when the student from UFLA holds mobility outwards, the registration is made in “Academic International Activity”, which allows the pay-up of credits to the course. The registration in Academic International Activity is allowed to undergraduate and graduate students. Other proposal in discussion, that has already been approved by the Graduation Council, lacking the approval only in the Teaching, Research and Extension Councils is the allowance that Doctorate foreign students registered at the Double Degree and Co-tutored studies

pay-up until 16 (sixteen) credits of activities and courses attended during the Master's Degree.

22. Reception and assistance of foreigner's Policy

UFLA's Reception and Assistance of Foreign Students Policy is supported by the Commission of Reception and Assistance created in 2015 through the Ordinance N° 359, from March 30th, 2015. This Commission is composed of a member from the Office of International Affairs (DRI), one member from the Pro-Rector for Student and Community Subjects (PRAEC), one professor and one foreign student. Its objective is to accompany the undergraduate and graduate foreign students, receiving their difficulties and seeking solutions alongside the involved sectors at UFLA and the person interested oneself.

In addition to the mentioned Commission, the University holds, since 2014, the Brother UFLA Program. This is a voluntary program created by DRI at UFLA with the intention of integrating the foreign students to the community and to offer UFLA's national students the opportunity to live a new international and cultural experience. Among the attributions of the national student, actions stand out such as helping the international student to get one's necessary documents and registration at UFLA; following up the relations of the foreign student to one's course; helping the student find oneself through the new language and the campus and city locations.

It is important to highlight that, annually, DRI promotes an event directed exclusively to the reception of foreign students, reuniting the Rector, Undergraduate, Graduate and Research Pro-Rectors, the Director of International Relations and the International Culture Center. This event also has the participation of the professor responsible for the subject Portuguese as Foreign Language (PLE), addressed to the foreign students during the whole academic year. Linked to all these actions, there is the DRI's work, that, among other activities, directly receive foreign students even before their arrival in Brazil. The DRI orients these students regarding the visa, the acceptance letter, the management of the Brother UFLA Program, support them to the Reception and Assistance Commission, and instruct them regarding registration, scheduling at the Federal Police and other institutional actions bounded to its routine.

23. Beneficiaries appropriation of knowledge and experience Policy

Working missions outwards: They provide elaboration and presentation of reports to the Rectory, Pro-Rectories and Graduate Programs involved in the PrInt, summaries of the results achieved in terms of opportunities of consolidation or creation of partnerships.

Sandwich Doctorate Modality outwards: The beneficiary will be obliged to hand in a report with the results of all the foreseen activities in Work Plan, presenting the “draft” of the article or registering of patent for a maximum of 12 (twelve) months after the return to Brazil or until the limit date to the Thesis Defence. The article(s) produced of the experiences and research accomplished outwards must contain the names of UFLA’s supervisor and of the foreign co-supervisor as co-authors.

Senior Visiting Professor outwards: The beneficiary will be obliged to hand in a report with the results of all the activities foreseen in the Work Plan, presenting the advances of one’s research line to professors and students of the linked PPG; presentation of the “draft” of the article or registration of patent till the maximum of 12 (twelve) months after the return to Brazil.

Capacitation in brief period courses abroad: The beneficiary will be obliged to hand in a report with the results of all the activities foreseen in the Work Plan in compliance with the foreign partner, aside from teaching courses of the acquired techniques to the professors and students of the program one’s is associated with.

Visiting Professor in Brazil: The beneficiary will be obliged to hand in a report with the results of all the activities foreseen in the Work Plan, in formal compliance with UFLA’s PPG. one must teach subjects related to one’s acting areas to undergraduate and graduate students, in addition to lectures regarding specific themes.

Post-Doctorate with Abroad Experience in Brazil: The beneficiary will be obliged to hand in a report with the results of all the activities foreseen in the Work Plan, teaching training courses of laboratorial techniques of one’s domain and will be able to teach subjects to undergraduate and graduate students, in addition to lectures on specific themes.

Observation:

1. Mandatorily, the products generated from the concession of this scholarship, scientific articles and resums, except from the intellectual property that CAPES will

not take part of the titularity (item 17.1 from Public Notice nº 41/2017 – PINT), the norms of titularity follow the resolution CEPE nº 066/2004.

2. The supporting documents must be handed in to the appropriate Graduate Programs.

24. Management and operationalization of the project Policy

The management of the project will be responsibility of the Pro-Rector of Graduate programs alongside with the Managing Group of the proposed project presented by UFLA. The Pro-Rector and Managing Group will have the administrative support through the administrative technicians' team from the Pro-Rector of Graduate Programs and the Office of International Affairs. Aiming giving support to this management, some forms of operationalization will be adopted by the management team as a way of attending and observing if all the objectives presented in the project are being accomplished, as above presented. The Managing Group will meet ordinarily every 3 (three) months or extraordinarily, when necessary, to have a follow-up of the project and elaborate an annual technical report that will be presented to UFLA's Rectory. In the report, it must be described the actions and activities accomplished, as well as a critical analysis of the achievement of objectives and planned goals.

The selections of students and professors will be made through specific public notices in the modalities of Sandwich Doctorate (PDSE), Post-Doctorate in Brazil, Capacitation and Senior Visiting Professor. The Managing Group will oversee the homologation of the selections made by the PPGs and issue conclusive statement based on the initial budget proposal, the budget or affirmative actions available for each PPG and if the choice of the selected candidates respects the policy of choice of foreign partners. In the case of a Visiting Professor in Brazil, the Managing Group will issue a conclusive statement regarding the benefits of destining a scholarship to the selected foreign professor by the collegiate of the Graduate Program, taking into consideration one's previous experience, area of expertise and possible benefits for UFLA.

For the scholarships abroad, it will be demanded a Plan of Activities, technical-scientific production and counterparts of the partners institutions for the execution of research.

The working mission will have as objective the consolidation of partnerships already existing and the possibility of opening to new partnerships inside the scope of the project.

Among the creation of new partnerships, the Commission responsible for the elaboration of this proposal will indicate to the Managing Group the necessity of a bigger involvement of UFLA with the University of California at Davis.

Besides, all the projects developed by the beneficiaries in the Program must be in accordance with the general theme proposed in the PrInt UFLA, "Food Production and Food Safety".

25. Supervision policy and internal evaluation of goals and execution of the project

The supervision of the project will be performed by the Pro-rector of Post-graduate, by the Project Managing Group and by all of the coordinators of the Post-graduate programs included in the proposal. This will also be made possible through the support of an Administrator, UFLA's employee at the Pro-Rectorate of Graduate Office (PRPG), that will supervise all the development and compliance of the rules demanded by CAPES and also the rules created by the university that was stated in the project.

The monitoring of the achievements of the goals and of the indicators of the execution of the project will be performed through a system developed by the Rectors Office Counsel for Indicators, providing objective information about the execution of what had been planned. The system will be fed by each Graduate Program Coordinator involved in the project and should be managed by the PRPG administrator that will present periodic reports to the Post-Graduate Pro-rector and to the Managing Group.

Every objective, goal and indicator will be inserted in the system and should be evaluated each trimester to achieve an effective control of the designated resources. It will be a control and transparency tool, through which the Pro-rector of Graduate programs and all of the managing team will be able to monitor with precision the achievements of the goals that have been previously defined. If judged necessary, actions could be taken to adequate the objectives; and thus, obtain the results desired for the success of the project.

26. Policy of conciliation of the national fomentation programs supported by CAPES

In order to optimize the possible results to be obtained with Project PrInt, the Pro-Rector of Graduate and the Graduate Programs at UFLA, through CAPES' programs, PROAP and PROEX, may designate part of these resources to support the research performed in partnership with foreign institutions. Furthermore, the number of Visiting Professors in Brazil may be amplified with the use of resources from PROAP and PROEX for buying plane tickets, which can bring major benefits to the partnership. Other possibilities for the use of the resources from PROAP and PROEX in conciliation with PrInt, would be through the raise of the number of participants in Technical Missions with the use of the daily budgetary line and plane tickets.

In addition, regarding the main programs from CAPES of support of post-graduation, the PPG from UFLA will utilize part of these resources to carry out a revision of the English language from articles that will be made due to these international partnerships, as well as for the payment of publishing fees, when necessary.

Other programs from CAPES, such as the Program of Support of National Events – PSNE – and the Program of Support of International Events – PSIE – shall also be used as a way of conciliating the internalization actions of UFLA, mostly for the PPG's participants of the PrInt Project. Finally, it is hoped that the participants of PrInt can continue to submit proposals to the Especial Programs of DR/CAPES, such as CAPES' Fulbright, BRAGAFFOST and CAPES/COFECUB.

27. Annual planning of the activities

1) Sandwich Modality PhD (PDSE)

1 annual quota of 6 months, total of 4 quotas, for the Graduate Programs score 5:3 PPG's x R\$49.118,40 (including monthly fees, displacement-aid, health insurance and housing-aid) x 4 years x 1 quota/year = **R\$589.420,80.**

2 annual quotas of 6 months, total of 4 quotas, for the Graduate Programs score 5 consolidated and score 6: 7 PPG's x R\$49.118,40 (including monthly fees, displacement-aid, health insurance and housing-aid) x 4 years x 2 quota/year = **R\$2.750.630,40**

3 annual quotas of 6 months, total of 4 quotas, for the Graduate Programs score 7: 2 PPG's x R\$49.118, 40(including monthly fees, displacement-aid, health insurance and housing-aid) x 4 years x 3 quota/year = **R\$1.178.841,60**

SUB-TOTAL = R\$4.518.892,80

2018: R\$1.129.723,20

2019: R\$1.129.723,20

2020: R\$1.129.723,20

2021: R\$1.129.723,20

Post-doctorate in Brazil (Brazilians that concluded their PhD entirely abroad)

9 quotas of 12 months for 9 Programs score 5 consolidated, score 6 and 7: 9 PPG's x R\$49.200, 00 = R\$442.800,00 per year

SUB-TOTAL = R\$885.600,00

2019: R\$442.800,00

2020: R\$442.800,00

1) Training

1 annual quota of 3 months for the training of technicians from the IES = U\$4.294, 00 (including monthly fees, displacement-aid, health insurance and housing-aid)+ U\$1.390,00 (monthly fee) x 2 = U\$7.074,00 x R\$3,60 (conversion from dollar to real) = **R\$25.466,40.**

2 annual quotas of 1 month for summer/winter schools in France = U\$4.294, 00 (including monthly fees, displacement-aid, health insurance and housing-aid) x 2 quotas = U\$8.588,00 x R\$3,60 (conversion from dollar to real) = **R\$30.916,80.**

SUB-TOTAL = R\$225.523,80

2018: R\$56.383,20

2019: R\$56.383,20

2020: R\$56.383,20

2021: R\$56.383,20

1) Senior Visiting Professor (senior internship abroad or post-doctorate)

Annual quotas of 12 months of free competition between the participant programs (1 quota per program, plus one additional quota for the Programs scores 6 and 7) =

R\$154.411,20(total of 12 months, including monthly fees, displacement-aid, health insurance and housing-aid)

SUB-TOTAL = R\$2.624.990,40

2018 – 4 quotas: R\$617.644,80

2019 – 5 quotas: R\$772.056,00

2020 – 4 quotas: R\$617.644,80

2021 – 4 quotas: R\$617.644,80

1) Visiting Professor in Brazil

1 annual quota of 30 days for each Post-graduation program participant: 12 x 4 years x R\$23.115,29(including monthly fees, displacement-aid, health insurance and housing-aid) = **R\$1.109.533,92**

SUB-TOTAL = R\$ R\$1.109.533,92

2018: R\$277.383,48

2019: R\$277.383,48

2020: R\$277.383,48

2021: R\$277.383,48

1) Missions Abroad (trips up to 7 days)

Mission in North America (1 in Canada and 4 in the USA): 5 missions with the presence of three professors for each mission: 3 in the first year and 2 in the second year

US\$1.604,00 (displacement aid) + US\$310,00/daily rate x 7 = US\$3.774,00 x R\$3,60 (conversion from dollar to real) = R\$13.586, 40 per mission/professor x 3 = **R\$40.759, 20/mission**

Mission in Europe (1 in France and 1 in England): 2 missions with the presence of three professor for each mission: **1 in the first year and 1 in the second year**

US\$1.706,00 (displacement aid) + US\$310,00/ daily rate x 7 + US\$3.876,00 x R\$3,60 (conversion from dollar to real) = R\$13.953,60 for each mission/professor x 3 = **R\$41.860, 80/mission**

SUB-TOTAL = R\$287.517,60

2018: R\$164.138,40

2019: R\$123.379,20

Budget Overview:**2018: R\$2.245.273,08****2019: R\$2.801.725,08****2020: R\$2.523.934,68****2021: R\$2.081.134,68****TOTAL: R\$ 9.652.067,52****28. Annual budget plan**

2018: R\$2.245.273,08

2019: R\$2.801.725,08

2020: R\$2.523.934,68

2021: R\$2.081.134,68

TOTAL: R\$ 9.652.067,52

29. Counterparts in internalization of education

UFLA nowadays holds nearly 15 thousand students in over 30 under-graduate courses, in all knowledge areas, including medicine. Most of the students are enrolled in face to face courses in the main campus, but UFLA also offers distance undergraduate courses in order to reach a distinct public. Practically every undergraduate course at UFLA is granted a full score at the Inep's course evaluation.

Regarding the graduate, UFLA holds about 2.500 enrolled students, split in 35 graduate programs. Most academic graduate programs at UFLA received, at least, a concept 5 in the last quadrennial evaluation of CAPES, and 5 of these programs, all part of the PrInt proposal, received concept 6 (3) or 7 (2), which already showcase the level of internalization of UFLA's graduate programs. UFLA offers each semester hundreds of graduate courses, some of which in English, so each graduate student can choose the most adequate ones to the development of their project. UFLA always seeks to integrate Teaching and Research with the activities of undergraduate and graduate. Its researchers and its graduate students are encouraged to interact with undergraduate students through a series of scientific initiation and distance-tutoring programs.

One of the biggest examples regarding this interaction is the many study groups registered and operating at UFLA. Many of the future beneficiary of PrInt are part of these study groups and their international experiences, as well as the arrival of foreign

professors, will improve and promote an international environment on campus. To prepare its graduate students to teaching activities, UFLA also offers opportunities so that they can acquire experience by teaching under the supervision of a professor. UFLA holds hundreds of spaces, rooms, auditoriums, and laboratories for practical and theoretical classes. Most classrooms hold multimedia resources and the *wifi* connection covers the whole campus. UFLA also has computer labs, library with individual study environment and other resources that make the learning process accessible. UFLA's library database holds almost 75 thousand different titles and offers access to the database, articles and scientific books in electronic formats through CAPES' journal website.

30. Counterpart of merchandising material

The Federal University of Lavras holds an excellent structure for the disclosure of news, calls, results and events, aiming both the internal and external public and leaded by the Communications Office (DCOM). DCOM holds in its board four permanent journalists and a variable number of scholarship holders that assist these journalists in the production of news articles. DCOM discloses weekly a newsletter to the entire university community and also updates daily UFLA official website and social media. Monthly, DCOM produces a *Print* paper, where it is disclosed the most important events regarding UFLA. UFLA also holds an FM radio station operating 24/7 and a television channel to produce a local news central, that includes interviews and reports with professors and researchers of UFLA. DCOM is also responsible for the disclosure of UFLA's news that were produced for other national communication centrals, such as G1. Thus, regarding CAPES *Print*, UFLA is fully structured for the disclosure of calls, news and as well as for sharing the results of established partnerships.

31. Counterpart of training

UFLA's key counterpart is to attract international partners for Project *Print* is its renowned tradition and excellence in teaching and research on the topic of Food Production and Food Safety. In addition, UFLA holds many multi-user labs that have state-of-art technology and are highly specialized. Among these labs, it stands out the Electronic Microscopy and Ultrastructural Analysis Lab, Seed Laboratory, Laboratory of Molecular Biology, Center of Research in Chemical Prospecting, Bioterium and Laboratory of Animal Research, with its laboratories of Molecular Biology, Histology, Animal Reproduction, Meat Quality and Animal Nutrition. UFLA also holds the Coffee

Innovation Agency (Inova Café) and the headquarters of the National Institute of Science and Technology of Coffee (INCT-Café), which makes this institution one of Brazil's best regarding this theme.

The training and the international qualification at UFLA are a two-way street, that being, UFLA/Abroad and Abroad-UFLA. The training courses and the international qualification for undergraduate and graduate students, staff and UFLA's professors are indicated at the Internalization Policy of 2014 and 2018 as well as the actions are in the Institutional Development Plan - PDI. One of its main goals is the current use of the English language. In order to achieve these goals, The Language Center of UFLA (NuCli) was created. NuCli has its own physical structure, teaching and administrative staff and offers English courses in different levels, as well as training courses for the TOEFL test and orientation for the access to *My English Online* (MEO-CAPES). The students, professors and foreign researchers at UFLA also receive special treatment at the Office of International Affairs (DRI), that offers Portuguese courses, assistance regarding visas, Brother UFLA Program, and access to many services offered by the university (university restaurant, library and wi-fi).

UFLA is also worried about the physical and mental health of its students, staff and professors that will receive training abroad as well of the international visitors. Thus, UFLA offers free medical, dental and psychological assistance through the Pro-Rector of Academic Matters. Besides these programs, DRI offers, during the Faculty Development Program, the professors' qualification week, which trains on internalization.

32. Counterpart of partner international institutions

The policy for the definition of the counterpart of international institutions was made through a survey of the obligations of the international parties indicated on the agreements, covenants, memorandums of understanding and double-degree agreement, all established at the Office of International Affairs, an assistant office the Rectory Office, that aims the dealing of international matters regarding UFLA's interests. The counterparts are:

1. International tuition waivers: includes waivers of tuition fees in graduate programs or Research Centers;
2. Continuity Aid: policy of lower prices for housing and food the UFLA's students;
3. Language improvement: language courses for fluency in the language, when necessary;

4. Support for students and professors for mobility to UFLA: incentive for mobility of students and foreign professors through seminars, conferences, showing UFLA's competences and infrastructure in the theme field of PrInt CAPES;
5. Maintenance of the professors' salary: UFLA's professors in mission are free to have senior training, and will receive full salary.

33. Other counterparts

Since 2011, the Federal University of Lavras showcases in its strategic plan the internalization, with one of its main pillars; and therefore, since then, it has been making an effort to become in internationally renowned institution.

We will showcase below some actions as UFLA's counterparts

33.1. Construction of a housing named "Guest House for Foreigners" (Picture 1), designed to host foreign professors/researchers and students, in the model of small functional apartments, as a way of making these visitors stay easy during the cooperation period. The housing will have a total area of 1.932,32 m², consisting of: ground floor with entrance hall and an apartment for people with special needs and 9 apartments; second floor with 1 apartment for people with special needs and 9 apartments; third floor with 1 apartment for people with special needs and 9 apartments; all with suites, kitchen, bathroom and living room. **Expected completion of the work in October 2018.**



Picture 1. UFLA's Guest House for Foreigners

33.2. Construction of the Institutional Laboratory for Educators' Qualification with a total area of 1,130.24 m². UFLA's Language Training Center will be located in this building (Picture 2), which will allow the expansion of the physical structure, the implementation of more modern technologies and advanced methodologies, as well as the expansion of the attendance of students, teachers and staff, as well as the Language Center (NuLi). Currently, UFLA's Language Center already assists teachers, students and staff members in the foreign language teaching-learning process, English for Brazilians and Portuguese for foreigners at first and, in the future, Spanish, French and / or other languages . **Expected completion of the work June 2018.**



Picture 2. UFLA's Language Training Center

33.3. Institutional scholarship programs for English speaking students: to support the professors in the offering of courses in English, administrative support in the Language Center and support to the professors at UFLA that are interested in teaching in English.

33.4. Brother UFLA: incorporate foreign students to the university community and offer UFLA's students the opportunity to have an international experience without leaving the country.



33.5. The hiring of 4 professors for a systematic and continuous ministrations of English courses, including training for proficiency exams, such as TOEFL, IELTS, among others. The hiring of one professor for Portuguese classes for foreigners. All the professors have been participating in these projects at the university since 2014.

33.6. Publication of a "Orientation Guide for International Students at UFLA", institutional folders and of the graduate programs in English and Spanish.



33.7. Incentive Program for Scientific Publishing in High Impact Scientific Periodicals - The objective of the Program is to increase the number of articles published by UFLA's professor in journals classified as A1, A2 and B1, for the different areas of knowledge, based on the criteria established by the Coordination of Improvement of Higher Education Personnel (CAPES) in accordance with the area of activity of the professor in the graduate programs.

33.8. University restaurant which offers a meal that costs R\$2,00, the same price for all students.

33.9. Accident insurance - covers all undergraduate and graduate students currently enrolled. The insurance is a benefit given by UFLA to protect the students in case of any accident during the various academic activities, as well as research and extension activities. The coverage is to the whole globe, 24/7, seven days a week, in the AP school model, from the moment of the accident to the settlement of the injury

33.10. Commission for the reception and monitoring of foreigners - composed of a representative of the Office of International Affairs, 1 teacher, 1 student and 1 representative of the Office of Evaluation and Development of Teaching. This

committee will meet with the students to look after their settlement, seeking to help them adapt in the new environment.

33.11. Specific graduate selection for foreign students with or without a scholarship.

33.12. Availability of a car with a driver for the transfer from the airport to Lavras.

33.13. Equipped rooms for lectures, defenses, meetings and other activities through videoconference;

33.14. Student assistance, such as medical, psychological and dental care;

33.15. Websites in English of the graduate programs.