PPGA Programa de Pós-Graduação em Agronomia

EA Escola de Agronomia

UFG

PLAN OF CLASS

Name of the subject: Rice crop
Coordinator: Adriano Stephan Nascente
Hours of class: 64 hours **Theory:** 32 hours **Practical:** 32 hours
Credits: 4
Periodicity: Annual
Semester of the class: 1° Semester

- **Summary**

Knowledge of the socio-economic importance, origin, botanical description, plant growth and development, mechanisms of tolerance to Savanna conditions, information of the techniques involved from soil preparation to harvest, processing and commercialization of rice. In addition, aspects related to sustainable development will be discussed in systems that involve this crop, such as crop rotation, use of cover crops, no-tillage system and crop-livestock integration.

- **Objective**

Make academics able to apply basic knowledge related to sustainable cultivation of rice crop in the Savanna region.

- **Didactic process**

✓ □ Theoretical classes exhibited and debated;
✓ □ Practical Classes (Does not apply for remote classes/web conferences);
✓ □ Dynamics and Seminars
✓ □ Presentations and Discussions of Articles.

- **Teaching Resources**

Face-to-face Classes

the blackboard and chalk;

the Multimedia Projector and notebook;

Greenhouse - Practical Classes;

Experimental Area (Upland and Irrigated) - Practical Classes

Remote Classes

Webconferencing Platform

- Google Meet

Evaluation Procedures

FG = (S*0.50) + (AC*0.50)

Where:

FG = Final grade

S - Seminar presentation by the student;

- **AC - Scientific Article presented by the student.**

- **Important informations**

Presence will be required, looking at the minimum limit of 85%; regulated by CEPEC Resolution 1461,

Concepts and their respective intervals considered:

 A: 9.0 - 10.0;

 B: 7.5 - 8.9;

 C: 6.0 - 7.4;

- D: 5.9 - 0.0 (Disapproved).

- **Program of the class**

- **Presentation of the dynamics of the class, system of evaluation, seminars, scientific articles presentations, etc (4 hours);**
- **Socio-Economic Importance, origin and botanical description of Rice Crop. (8 hours);**
- **o Soil Management, Mechanization and Sowing of Rice Crop (8 hours);**

- **Integrated Management of Rice Pests. (4 hours);**
- **Integrated Management of Rice Diseases. (4 hours);**
- **Integrated Management and Rice Weeds. (4 hours);**
- **Rice Cultivars (4 hours);**
- **Rice Harvest and Storage (4 hours)**
- **Basic principles of sustainable agriculture (crop rotation, no-tillage system, cover crops, livestock crop integration) (12 hours)**
- **Seminars presentation (6 hours)**
- **Scientific articles presentation (6 hours)**

- **References**

Crop Guide: Rice Cultivation - Haifa Group (haifa-group.com)

Rice Almanac. Available at: books.irri.org)

- **Complementar references**

Pesquisa Agropecuária Brasileira
https://seer.sct.embrapa.br/index.php/pab

Agriambi
http://www.agriambi.com.br/

Agronomy Journal/ Crop Science
https://acsess.onlinelibrary.wiley.com/journal/14350645

European Journal of Agronomy
https://www.sciencedirect.com/journal/european-journal-of-agronomy

Field Crops Research
https://www.journals.elsevier.com/field-crops-research

African Journal of Agricultural Research
African Journal of Agricultural Research (academicjournals.org)