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| brasao_UFSC_CFH_horizontal | | **FEDERAL UNIVERSITY OF SANTA CATARINA**  **CENTER OF AGRICULTURAL SCIENCES**  **PLANT GENETIC RESOURCES GRADUATE PROGRAM**  **COURSE SYLLABUS** | | | | |  | | |
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| **I. COURSE DESCRIPTION:** | | | | | | | | | |
| **CODE** | **COURSE NAME** | | | **COURSE HOURS PER WEEK**  **THEORETICAL PRACTICAL** | | | | **TOTAL SEMESTER HOURS** | |
| RGV 3019 | Introduction to Quantitative Genetics | | | 4 | |  | | 60 | |
| **I.1. SCHEDULE** | | | | | | | | |
| **THEORETICAL SECTION** | | | | | **PRACTICAL SECTION** | | | |
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| **II. PROFESSOR(S)** | | | | | | | | |
| Juliana Bernardi Ogliari | | | | | | | | |
| **II. PREREQUISITE(S):** | | | | | | | | |
| **CODE** | **COURSE NAME** | | | | | | | |
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| **IV COURSE(S) FOR WHICH THE DISCIPLINE IS OFFERED** | | | | | | | | |
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| **V. COURSE SYNOPSIS:** | | | | | | | | | |
| Genetic basis of the quantitative characters. Applied Population Genetics to the Crop  Improvement Methods. Association between Relatives. Components of Genetic  Variance. Heritability and Genetic Expected Selection Gain. Character Association and  Correlated Response. Specific and general combining ability. Genotype x Environment  Interaction. | | | | | | | | | |
| **VI. OBJECTIVES** | | | | | | | | | |
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| **VII. COURSE PROGRAM** | | | | | | | | | |
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| **VIII. TEACHING METHOD / COURSE DEVELOPMENT** | | | | | | | | | |
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| **IX. EVALUATION METHOD** | | | | | | | | | |
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| **X. NEW EVALUATION** | | | | | | | | | |
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| **XII. PRACTICAL SECTION CHRONOGRAM** | | | | | | | | | |
|  | | |  | | | | | | |
| **XIII. MAIN BIBLIOGRAPHY** | | | | | | | | | |
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| **XIII. COMPLEMENTARY BIBLIOGRAPHY** | | | | | | | | | |
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