

Curricular Unit Form

(Document waiting approval
from Course Commission)

Updated On	2023/03/28																																
Curricular Year / Period	2022/23 / S1																																
Course	CTeSP - Agricultural Production																																
Curricular Unit	Crop and Livestock Planning																																
Language(s) of Instruction	Português Não tem																																
ECTS/tempo de trabalho (horas)	<table border="1"> <thead> <tr> <th>ECTS</th><th>Total</th><th colspan="8">Horas de contacto semestral</th></tr> <tr> <th></th><th></th><th>T</th><th>TP</th><th>PL</th><th>S</th><th>TC</th><th>E</th><th>O</th><th>OT</th><th>EC</th></tr> </thead> <tbody> <tr> <td>3</td><td>80</td><td>0</td><td>48</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td></tr> </tbody> </table> <p>T - Theoretical; TP - Theoretical and practical; LP - Laboratory Practice; S - Seminar; TG - Tutorial guidance; FW - Fieldwork; T - Training; ; EC - Clinical teaching; O* - Other hours typified as Clinical Training under the Directive 77/453/EEC of June 27, adapted by Directive 2005/36/EC.</p>	ECTS	Total	Horas de contacto semestral										T	TP	PL	S	TC	E	O	OT	EC	3	80	0	48	0	0	0	0	0	0	0
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Teacher in charge (GDPR consent) [complete name, email]	Francisco Luís Mondragão Rodrigues / fmondragao@ipportalegre.pt																																
Prerequisites [Curricular Units that must precede and specific entry competences]	There is not																																
Learning outcomes [Description of the overall and specific objectives] [Knowledge, skills and competences to be developed by students]	To provide knowledge of the different types of systems in agriculture and their relationship with the biophysical and specific constraints of agricultural exploitation. To make known the importance of planning in the functioning of the agricultural operation, whether operational planning or strategic planning. Teach how the exploration diagnosis is carried out and the different tools available for each type of planning, taking into account their suitability to the exploration constraints and to achieve an efficient management of resources, applying internal circular economy actions, whenever possible. Confer the ability to act, independently, in choosing the best solutions for operational planning and in supervising their application. To make known the strategic lines of the GREEN DEAL with application to agriculture, the FARM to FORK Strategy and the Portuguese PEPAC, as well as the Agenda for Innovation in Agriculture TERRAFUTURA 2030, as well as the programs to support investment in agricultural exploitation, with a view to the incorporation of innovation, technology and digitalization in the productive processes of agricultural exploitation.																																
Syllabus	<p>1 Systems in agriculture.</p> <p>1.1 Agricultural systems, production systems and culture systems.</p> <p>1.2 Relationship between constraints, potentialities and different systems.</p> <p>1.3 Extensive systems and intensive systems.</p> <p>2 Planning in agriculture.</p> <p>2.1 Definition and planning objectives.</p> <p>2.2 Planning modalities. Operational planning and strategic planning.</p> <p>2.3 Planning techniques. SWOT analysis. Analysis of prices and markets. Projections and scenery.</p> <p>2.4 Cultural planning. Culture account. Planning of the machinery park, manpower, water resources, health, budget. Application of the circular economy concept to improve the efficiency of the management of available resources.</p> <p>2.5 Investment Analysis. Profitability indicators.</p> <p>2.6 Planning evaluation.</p> <p>3 Community and national agricultural policy.</p> <p>3.1 Main guidelines of the FARM to FORK strategy and its framework in the Green Deal (GREEN DEAL).</p> <p>3.2 Portuguese PEPAC Program 2023-2027 and Agenda for Innovation in Agriculture TERRAFUTURA 2030.</p> <p>3.3 Support programs for investment in agricultural exploitation. Applications and preparation of investment projects.</p>																																
Teaching methodologies (including assessment) [Specify the types of assessment and the weights and evaluation criteria]	<p>1 - Teaching methodologies</p> <p>Theoretical-practical classes in the classroom, with theoretical exposition and implementation of practical exercises using information collected on typical explorations that were visited by students</p>																																

	<p>- PBL teaching-learning system. Study visits to present good planning practices. Class with invited entrepreneur to present practical forms of planning.</p> <p>2 - Period assessment</p> <p>The different evaluation elements have the following weight:</p> <p>(a) Tasks work to be performed during class, with a strong practical component (40% of the final grade); (b) Group work - Planning work of a farm chosen by the students, to be presented orally (60% of the final grade).</p> <p>The final classification formula only applies if the group work has a positive grade (> 9.5 values).</p> <p>3 - Examination assessment</p> <p>The different evaluation elements have the following weight:</p> <p>(a) Tasks work to be performed during class, with a strong practical component (40% of the final grade); (b) Group work - Planning work of a farm chosen by the students, to be presented orally (60% of the final grade).</p> <p>The final classification formula only applies if the group work has a positive grade (> 9.5 values).</p>
Bibliography	<p>1 - Main Bibliography</p> <p>ALBINO, J.D. (2009). Análise dos encargos com a utilização de máquinas agrícolas. MADRP-DGADR. Lisboa.</p> <p>COMISSÃO EUROPEIA (2020). Estratégia Farm to Fork. https://ec.europa.eu/food/system/files/2020-05/f2f_action-plan_2020_strategy-info_en.pdf</p> <p>GOMES DA SILVA, F.; TRINDADE, C.; AVILLEZ, F.; SALEMA, J.P. & PEREIRA, L. (2007). Gestão da empresa agrícola manual para agricultores. Programa AGRO. Lisboa.</p> <p>GPP (2022). Programa Estratégico da PAC para Portugal 2023-2027. Documento submetido à CE. GPP. Lisboa. https://www.gpp.pt/images/PEPAC/PEPAC_Submetido/PEPAC_vers30122021.pdf</p> <p>PINHEIRO, A.; COELHO, J. & CASTRO NETO, M. (2007). Gestão da empresa agrícola no século XXI. Edição AJAP/Agriciência.</p> <p>2 - Complementary Bibliography</p> <p>Materials provided by the teacher.</p>
Special Situations [Students with special status]	<p>1 - Period assessment - Students with special status</p> <p>The different evaluation elements have the following weight:</p> <p>(a) Tasks work to be performed during class, with a strong practical component (40% of the final grade); (b) Group work - Planning work of a farm chosen by the students, to be presented orally (60% of the final grade).</p> <p>The final classification formula only applies if the group work has a positive grade (> 9.5 values).</p> <p>2 - Examination assessment - Students with special status</p> <p>The different evaluation elements have the following weight:</p> <p>(a) Tasks work to be performed during class, with a strong practical component (40% of the final grade); (b) Group work - Planning work of a farm chosen by the students, to be presented orally (60% of the final grade).</p> <p>The final classification formula only applies if the group work has a positive grade (> 9.5 values).</p>