**Course Syllabus**

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| **1** | **Course title** | **Field Working in Agricultural Economics and Agribusiness** |
| **2** | **Course number** | **0605499** |
| **3** | **Credit hours** | 2 |  |
| **Contact hours (theory, practical)** | 2 |
| **4** | **Prerequisites/corequisites** | Minimum successful 110 credit hours. In addition to the department's approval |
| **5** | **Program title** | Bachelor in **Agricultural Economics & Agribusiness** |
| **6** | **Program code** | 05 |
| **7** | **Awarding institution**  | University of Jordan  |
| **8** | **School** | **Agriculture** |
| **9** | **Department** | **Agricultural Economics & Agribusiness** |
| **10** | **Course level**  | **Fourth year** |
| **11** | **Year of study and semester (s)** | **Second semester 2022/2023** |
| **12** | **Other department (s) involved in teaching the course** | **None** |
| **13** | **Main teaching language** | **English** |
| **14** | **Delivery method** | * Face to face learning ☐Blended ☐Fully online
 |
| **15** | **Online platforms(s)** | ☐Moodle ☐Microsoft Teams ☐Skype ☐Zoom ☐Others………… |
| **16** | **Issuing/Revision Date** | 1/2/2023 |

**17 Course Coordinator:**

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| Name: Prof. Emad Karablie Contact hours: 11:30-13:00 Sun, Mon, WedOffice number: 22477 Phone number:Email: karablie@ju.edu.joName: Dr. Mohammad Tabieh Contact hours: 11:30-13:00 Sun, Mon, WedOffice number: 22500 Phone number:Email: m.tabieh@ju.edu.jo |

**18 Other instructors:**

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| Name: Office number:Phone number:Email:Contact hours:Name: Office number:Phone number:Email:Contact hours: |

**19 Course Description:**

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| As stated in the approved study plan.Practical training in the fields of farm business management, budgeting, financial feasibility, and monitoring of farm performance, applications in marketing and extension, and application of management tools for farm data analysis |

**20 Course aims and outcomes**

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| A- Aims:The course aims to train students to conduct economic analyzes, keep accounts, prepare various budgets, and introduce students to the methods of preparing an evaluation and analysis of agricultural projects. It also aims to refine students' abilities and develop their skills in preparing economic feasibility studies and evaluating investment projects. At the end of this course, students are expected to be able to collect, record and classify financial data for agricultural investments using accounting and financing principles to prepare financial statements, various budgets and cash flow budget, and then draw conclusions to make appropriate decisions in line with financial and economic analysis. As well as the ability to deal with financing, loans, methods of repayment, interest, and the time value of money related to agricultural investments of all kinds.Successful completion of the course should lead to the following outcomesB- Students Learning Outcomes (SLOs): Upon successful completion of this course, students will be able to:

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| Program SLOsSLOs of the course | SLO (1)Knowledge and understanding | SLO (2)Intellectual analytical and cognitive skill | SLO (3)Subject specific skills | SLO (4)Transferable key skills |
| 1.Apply economic principles and research methods in solving economic problems and to agricultural production management. |  |  |  |  |
| 2. Analyze extension programs to deliver relevant information to farmers and employ the economic and business principles in making decisions |  |  |  |  |
| 3. Collaborate effectively with scientists and educators in other disciplines to incorporate economic analysis into multi-disciplinary programs. |  |  |  |  |
| 4. Design , analyze and evaluate agricultural and development projects |  |  |  |  |
| 5. Utilize the economic concepts and factors for successful natural resources management in agriculture and agribusiness. |  |  |  |  |
| 6. Discuss issues related to the agricultural sector, natural resource policies, and rural community development. |  |  |  |  |
| 7. Work effectively in promoting the teamwork environment for pursuing professional goals |  |  |  |  |
| 8. Apply principles of scientific skills and argumentation and ethics of scientific discussion research skills in both oral and written forms. |  |  |  |  |
| 9.Demonstrate ethical and professional responsibilities for being an agricultural engineer, especially with regard to agricultural sector, environment and society |  |  |  |  |
| 10.Apply critical thinking and problem solving skills, and pursue continuous education in aspects of agricultural economics and agribusiness management. |  |  |  |  |

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**21. Topic Outline and Schedule:**

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| **Weeks** | **Topic** | **Intended Learning Outcome** | **Learning Methods (Face to Face/Blended/ Fully Online)** | **Platform** | **Synchronous / Asynchronous Lecturing** | **Evaluation Methods** | **Resources** |
| 1 |  Joint meeting with students, The economics of agricultural production | A1, A2, D.5  | Face to face  |  | Synchronous Lecturing  | Reports, assignments, exercises |  1 |
| 2 |  Budgets, profit margin analysis | A3, B1,C1,E1 | Face to face  |   | Synchronous Lecturing  | Reports, assignments, exercises | 2 |
| 3 |  Marketing break-even and margin analysis | A4, B4,C3, D1, E1 | Face to face  |  | Synchronous Lecturing  | Reports, assignments, exercises | 2,4 |
| 4 | Evaluate agricultural projects | B.3, C.3, D.2 | Face to face  |  | Synchronous Lecturing  | Reports, assignments, exercises | 4,5,6 |
| 5 | Midterm exam |  |  |  |  |  |  |
| 6 |  Evaluate agricultural projects | A.3, B.5, C.5, D.4, E.2 | Face to face  |  | Synchronous Lecturing  | Reports, assignments, exercises |  7,8 |
| 7 |  Practical applications and solutions of exercises and examples | A.4, C.5, D.3, D.4 | Face to face  |  | Synchronous Lecturing  | Reports, assignments, exercises |  4,5 |
| 8 | applications and solutions of exercises and examples | A.4, C.5, D.3, D.4 | Face to face  |  | Synchronous Lecturing  | Reports, assignments, exercises | 7,8 |
| 9 | applications and solutions of exercises and examples | A.4, C.5, D.3, D.4 | Face to face  |  | Synchronous Lecturing  | Reports, assignments, exercises | 4,6 |
| 10 | agricultural accounting | A.6, C3 | Face to face  |  | Synchronous Lecturing  | Reports, assignments, exercises | 9,11 |
| 11 |  agricultural accounting | A.6, C3 | Face to face  |  | Synchronous Lecturing  | Reports, assignments, exercises | 10, |
| 12 | Applications in agricultural accounting | A.6, B.5,C.3, E.4 | Face to face  |  | Synchronous Lecturing  | Reports, assignments, exercises | 10,11 |
| 13 | Applications in agricultural accounting | A.6, B.5,C.3, E.4 | Face to face  |  | Synchronous Lecturing  | Reports, assignments, exercises | 9,10, |

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**22 Evaluation Methods:**

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| Opportunities to demonstrate achievement of the SLOs are provided through the following assessment methods and requirements:

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| **Evaluation Activity** | **Mark** | **Topic(s)** | **SLOs** | **Period (Week)** | **Platform** |
| Midterm Exam  |  30 |  The economics of agricultural production, Budgets, profit margin analysis | A1, A2, A3, A4, D1, A5, B1,B2, C1, C2, D2, A5, B3, C3,  |  Fifth week |  In Class |
|  Reports, assignments, exercises |  30 |  All Topics | A1, A2, A3, A4, D1, A5, B1,B2, C1, C2, D2, A5, B3, C3, A5, B3, C4, A6, B5, C5, D3, A7, B6, D4, A10, B9, C6, D6 |  Every week |  In Class |
| Final Exam  |  40 |  All Topics | A1, A2, A3, A4, D1, A5, B1,B2, C1, C2, D2, A5, B3, C3, A5, B3, C4, A6, B5, C5, D3, A7, B6, D4, A10, B9, C6, D6 |   |  In Class |

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**23 Course Requirements**

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| **(e.g: students should have a computer, internet connection, webcam, account on a specific software/platform…etc):**  |

**24 Course Policies:**

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| A- Attendance policies: **students should attend all classes on time**B- Absences from exams and submitting assignments on time: **No makeup exams will be made, only medical excuses from the JU hospital** C- Health and safety procedures: **Please consider the safety procedures as announced** D- Honesty policy regarding cheating, plagiarism, misbehavior: **will be handled according to JU regulations**E- Grading policy: **according to JU regulations**F- Available university services that support achievement in the course: |

**25 References:**

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| A- Required book(s), assigned reading and audio-visuals:1. Farm management, Roland D. Kay(1981), McGraw-Hill Book Company, USA.
2. Farm Business Management, Castle, M. Becker and F. Smith (1987), the Macmillan Company, USA.
3. James, S.C. and Stoneberg, E. (1986) Farm Accounting and Business Analysis 3rd Ed. Iowa State University Press, Ames, Iowa
4. **برايس جتنجر (1982) " التقييم الاقتصادي للمشروعات الزراعية ". معهد التنمية الاقتصادية . البنك الدولي. ترجمة معهد التخطيط القومي، القاهرة. مصر. (يتوفر نسخ في المكتبة الفرعية لكلية الزراعة وعلى الانترنت)**
5. **المنظمة العربية للتنمية الزراعية. (1986). برنامج تحديد وتحليل مشروعات الاستثمار الزراعي. الجزء الأول والثالث التقويم الاقتصادي للمشاريع الزراعية. الخرطوم. السودان. (يتوفر نسخ في المكتبة الفرعية لكلية الزراعة)**
6. **كمال عسكر (1994). "المرشد الى اعداد وتقييم دراسات الجدوى للمشروعات الصناعية" منظمة الخليج للاستشارات الصناعية.**
7. **رشراس ، محمد (1994) "تقييم المشروعات الزراعية" . الاتحاد الإقليمي للائتمان الزراعي في الشرق الأدنى وشمال أفريقيا. (يتوفر نسخ في المكتبة الفرعية لكلية الزراعة وعلى موقع المدرس في الجامعة وشبكة الانترنت وفي مختبر الحاسوب)**
8. **الحناوي ، محمد صالح (1992) " مذكرات في دراسات جدوى المشروع - الأساسيات والمفاهيم-. الدار الجامعية - بيروت. لبنان.**
9. **محمد رشراش" مصطفي، سامي الصناع، زهير عبد الله، احمد حميدة (1995)" التمويل الزراعي - مرجع للتدريس في الجامعات العربية". المكتب الإقليمي لمنظمة الأغذية والزراعة للأمم المتحدة، اللجنة الاقتصادية والاجتماعية لغربي أسيا، الاتحاد الإقليمي للائتمان الزراعي في الشرق الأدنى وشمال أفريقيا.**
10. **محمد مطر (1997) " التحليل المالي- الأساليب والأدوات والاستخدامات العملية". معهد الدراسات المصرفية. عمان- الأردن**
11. **رضوان محمد العناتي (2004) "مبادئ المحاسبة وتطبيقاتها –الجزء الأول- الطبعة الرابعة - دار صفاء للنشر والتوزيع- عمان ، الأردن**

B- Recommended books, materials, and media:<http://en.wikipedia.org/wiki/Agricultural_economics><http://www.angrau.ac.in/media/1640/AECO141.pdf><http://www.fao.org/world/syria/gcpita/training/materials/reports/specialized/01-Agricultural_Economics_En.pdf> |

**26 Additional information:**

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| * For more details on University regulations please visit:

 <http://www.ju.edu.jo/rules/index.htm> |

Name of Course Coordinator: -----------------------------------Signature: ----------------------- Date: -------------------

Head of Curriculum Committee/Department: ---------------------------- Signature: ------------------------------------

Head of Department: ------------------------------------------------------------ Signature: ------------------------------

Head of Curriculum Committee/Faculty: ---------------------------------------- Signature: ---------------------------

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