



USK
UNIVERSITAS
SYIAH KUALA

FACULTY OF AGRICULTURE
DEPARTMENT OF SOIL SCIENCE

UNDERGRADUATE PROGRAM

MODULE HANDBOOK

Module designation	Agrotechnopreneurship (FPEN3001)
Semester(s) in which the module is taught	5 th Semester
Person responsible for the module	Faculty Team
Language	Indonesian, English
Relation to curriculum	Faculty compulsory module
Teaching methods	Lecture, small group discussion, interactive discussion
Workload (incl. contact hours, self-study hours)	<ul style="list-style-type: none"> ✓ 100 minutes lecture and discussion per week ✓ 120 minutes structured tasks per week ✓ 120 minutes learn to be independent per week
Credit points	2 SKS = 3.2 ECTS
Required and recommended prerequisites for joining the module	-
Module objectives/intended learning outcomes	<ul style="list-style-type: none"> ✓ Students can understand the meaning, scope, entrepreneurship processes, forms of business, and business models. ✓ Students can identify business potentials and issues in the development of businesses, especially in the agribusiness sector. ✓ Students are able to design and build a strategic, strong, and competitive business proposal in the agriculture sector; prepare a business planning document and calculate feasibility and present it.
Content	The course on Agrotechnopreneurship provides a basic understanding of the meaning, scope, and processes of entrepreneurship, understanding the forms of business and models of business ownership, being able to design business models in the agricultural sector and being able to build a strong strategic plan in entrepreneurship development.
Exams and assessment formats	Quiz, Midterm exam, Final exam, Assignment
Study and examination requirements	<ul style="list-style-type: none"> ✓ Presence: 10% ✓ Quiz: 10% ✓ Midterm exam: 30% ✓ Assignment: 20% ✓ Final exam: 30%

Reading list

1. Yonaldi, S., Noer, M., & Yeni, Y. H. (2025). Technosociopreneurship Model in Local Economic Institutions for Agricultural Commodity Business Development. *Research on World Agricultural Economy*, 585 -604.
2. Madyasari, R., Herdiyanti, H., Arisman, A., & Harahap, S. (2024, June). From Farming to the Dining Table: Exploring Agrotechnopreneurship in the Food Business. In *8th Global Conference on Business, Management, and Entrepreneurship (GCBME 2023)* (pp. 1276 -1288). Atlantis Press.
3. Smidt, H. J., & Jokonya, O. (2023). A framework to develop technopreneurs in digital agriculture value chains in South Africa. *Journal of Foresight and Thought Leadership* , 2(1), 13.
4. Olusegun, O. O., Akpoviro, K. S., & Adebawale, O. M. (2019). Impact of technopreneurship on business performance. *Journal of Economics and Management Research* , 8, 55 -71.
5. Panga, L., Ekasari, K., Kasirang, A., Dewi, A. L., & Sasmita, F. (2024). The Development of Agrotechnopark Model B