

Module Title: Food Systems**Module Code: B3246****Level: BAICA – 7th Semester...Lesson Plan**

S. No.	Unit	Topic/Activities
1	Structure and Function of Food System	<ol style="list-style-type: none">1. Introduction: Getting Behind the Label2. What does the food system do?3. The Interconnectedness of Food System4. Challenges and Opportunities5. Health and the Food System6. The Future of Food System
2	National Health Environment and Culture	<ol style="list-style-type: none">1. Introduction: Discovering Nepal's Health Environment and Culture2. Geographical Overview of Nepal3. Health and Environmental Challenges in Nepal4. Cultural Factors Affecting Health Practices in Nepal5. Role of Government and NGO's in Addressing Health Issues6. Innovative Approaches to Improving Health Outcomes in Nepal7. Impact of Culture on Healthcare Decision Making in Nepal8. Future Directions and Potential Solutions for Nepal's Health Environment
3	Industrialised Agriculture and Environmentally Sensitive Farming	<ol style="list-style-type: none">1. Challenges of Transitioning to Environmentally Sensitive Farming in Nepal2. Impacts of Industrial Agriculture in Nepal3. Introduction to Environmentally Sensitive Farming4. Case Studies of Successful Environmentally Sensitive Farming Practices in Nepal5. Positive Impacts of Environmentally Sensitive Farming in Nepal6. Conclusion and Call to Action for Supporting Environmentally Sensitive Farming in Nepal
4	Historical Trade Routes and its Impact on Shaping the Food System	<ol style="list-style-type: none">1. The Silk Road: A Culinary Journey2. Pre-Trade Route Food System3. Post-Trade Route Food System4. Cultural Exchange and Culinary Influence5. Impact on Agriculture and Food Production6. The Food System Along the Silk Road Today7. Conclusion and Possible Future Impact

5	Domestic Food Supply Chain Across Rural Semi-Urban and Urban Locales	<ol style="list-style-type: none"> 1. Introduction: The Beauty and Complexity of Domestic Food Supply Chain 2. Importance of Domestic Food Supply Chain 3. Challenges in Rural Areas 4. Challenges in Semi-Urban Areas 5. Challenges in Urban Areas 6. Solutions to Improve the Supply Chain 7. Technological Advancements in the Supply Chain 8. Future Outlook for Domestic Food Supply Chain
6	Supermarkets	<ol style="list-style-type: none"> 1. Revolutionizing the Food System: The Role of Supermarkets 2. The Current State of the Food System 3. The Impact of Supermarkets on Local Food Systems 4. Challenges Faced by Small-Scale Local Farmers 5. Alternative Models for Food Distribution 6. Role of Government in Supporting Local Agriculture 7. Consumer Choices in Promoting Sustainable Food Systems 8. Conclusion and Call to Action
7	Alternative Food Network Models	<ol style="list-style-type: none"> 1. Feeding the Future: A Look at the Food System 2. Challenges in the Food System 3. Current Food Production Methods 4. Impacts of the Food System on the Environment 5. Food Accessibility and Equity 6. The Future of Sustainable Food Production 7. Food Waste and its Consequences 8. Potential Solutions to Improve the Food System 9. The Impact of Food System in Nepal 10. Current Food System in Nepal 11. Challenges Faced by the Food System 12. Impact of Food System on Health 13. Impact of Food System on Environment 14. Possible Solutions to Improve the Food System 15. The Role of Government and NGOs 16. Future Prospects of the Food System in Nepal
8	Changing Global Diets / Influences in South Asia	<ol style="list-style-type: none"> 1. The Effect of Changing Global Diets on the Food System 2. The Current State of Global Diets 3. The Impact of Dietary Changes on Food Production and Distribution 4. Environmental Implications of Dietary Shifts 5. Challenges and Opportunities for Small-Scale Farmers 6. Health Consequences of Changing Diets 7. Policy Implications for Regulating Global Food Systems

		8. A Call to Action for Promoting Sustainable Diets
9	Sustainable, Ethical and Organic Approach to Farming and Consumption Including Animal Welfare and GM	<ol style="list-style-type: none"> 1. Sustainable Approach to Farming and Consumption 2. Current Farming Challenges 3. Sustainable, Ethical, and Organic Farming 4. Benefits of Sustainable Farming 5. Animal Welfare in Sustainable Farming 6. GM Crops and Sustainable Farming 7. Sustainable Consumption 8. Conclusion and Call to Action
10	The Green Revolution	<ol style="list-style-type: none"> 1. Introduction 2. Technologies Driving the Green Revolution 3. Impacts of the Green Revolution 4. Economic Benefits of the Green Revolution 5. Implementation Challenges 6. Future of the Green Revolution 7. Conclusion
11	Domestic Regulation and Policy in Relation to Food Systems	<ol style="list-style-type: none"> 1. Nepal's Food System: A Comprehensive Overview 2. Agriculture in Nepal 3. Food Safety Regulations in Nepal 4. Government Policies Towards Food Systems 5. Challenges Faced by Food Systems in Nepal 6. Importance of Food Security in Nepal 7. Initiatives Taken by Nepal Towards the Development of Food Systems 8. Conclusion
12	Corporate and Political Power in the Food System	<ol style="list-style-type: none"> 1. Introduction 2. Corporate Control in the Food Industry 3. Political Influence on Food Policies 4. Effects on Food Accessibility and Affordability 5. Implications for Public Health 6. Environmental Impact of Large-Scale Farming 7. Alternative Food Systems and Solutions 8. Conclusion and Call to Action