INFORMATION SYSTEMS AND AGRICULTURAL KNOWLEDGE MANAGEMENT						
Module code ACE 802		**Student workload** 3 hours	**Credits** 1.50 ACE credits	**Semester** 2ND. Sem.	**Frequency** Each Second Semester	**Duration** 1 Semester
1	**Types of courses** a) Class Work b) Seminars c) Students' Presentation d) Hands-on-Practical		**Contact hours** 36 hours	**Independent study** 6 hours	**Class size** All registered students	
2	**Learning outcomes** Students will understand the reason why Information System Development is very important In Agricultural and Environmental Studies; Illustrate Process of eliciting Agricultural information system requirements; demonstrate practical information systems development in animal and plant sciences, food processing and environmental systems. In addition, the students will be introduced to knowledge Management (KM) in Agriculture, The concepts, processes, tools, constraints and KM case studies are to be studied extensively. Students will be exposed to Hands-on-practical on Use of Internet and Web 2.0, Data Analysis (Ms-Excel and Spss), Data Management (Ms-Access and MySql). All students will undergo group projects in Agriculture Information Systems Development.					
3	Subject aims The aim of the module is to (i) Present the process of introducing to students a computer-based information systems that support a wide spectrum of key policy implementation and investment priorities for effective Agriculture					

	(ii) Introduce to students how to explore tacit and explicit knowledge creation and capture, codification of knowledge and implementing systems to make use of knowledge base and technical aspects of Knowledge Management in Agriculture (iii) Laboratory Practical: Hands-on Productivity Software Applications- Word Processing, Database, Spreadsheets, Presentation and Graphics Software, GIS Mapping Software, Use of Internet, Web 2.0, Google Forms, Matlab and Use of Statistical Packages e.g. SAS, SPSS, and R
4	**Teaching methods** Lectures, sharing of materials via learning tools, *case studies, group work, practical, individual and group presentations, and discussions*
5	**Prerequisites for participation** N/A
6	**Assessment methods** Individual Presentations, Group Assignments, practical presentation, Continuous Assessment, Summative Assessment, Written end-of-the-semester examination
8	**This module is used in the following degree programmes as well** N/A
10	**Responsibility for module** Prof. Olusegun Folorunso
11	**Other information** This course is a 3 unit course which translates to 36 hours contact in a 12-week semester