FAO e-learning Academy Resources use by JKUAT

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- 2020-2022: FAO supported JKUAT to review curricula to make them nutrition sensitive
- 6 curricula were selected for review
- All reviewed curricula except Horticulture have been adopted.

Curricula for Six (6) programs were reviewed

1)Department of Human Nutrition Sciences
- BSc. Human Nutrition and Dietetics
- BSc. Food Science and Nutrition

2) Department of Horticulture and Food Security
- BSc. Horticulture
- BSc Agriculture

3) Department of Agricultural and Resource Economics
- BSc. Agribusiness Management and Enterprise Development

4) Department of Animal Sciences (ANS)
- BSc. Animal Health, Production and Processing

Ref: Dr. Florence Kyallo, PhD, RPHNS

(JKUAT)

Incorporation of nutrition sensitive food systems in learning outcomes and content:
BSc. Horticulture and BSc Agriculture:
　　30 units revised
BSc, Food Science and Nutrition and BSc. Human Nutrition and Dietetics
　　17 units revised
BSc. Animal Health Production & Processing
　　25 units revised
BSc. Agribusiness Management And Enterprise Development
　　21 units

AFD 2303:
COMPUTER APPLICATIONS IN NUTRITION AND DIETETICS
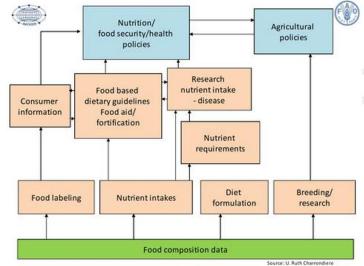
Course Description

Week	Topic
1	Course introduction
2	Introduction to computer operations
3,4,5	Food composition databases
4	Computer packages in nutrition and dietetics
5,6,7	Nutrisurvey
8,9	Diet formulation and optimization using Nutrisurvey
10	ENA for SMART
11,12	WHO Anthro,
13, 14	WHO Anthro Plus

REF: Dr. John Kinyuru, PhD, RNS (JKUAT)

Food Composition Tables

- Are resources that provide detailed food composition data (FCD) on the nutritionally important components of foods

Source: U. Ruth Charrondiere

- Most are published on the FAO/INFOODS website
  - http://www.fao.org/infoods/infoods/tables-and-databases/en/
  - http://www.eurofir.net/eurofir_knowledge/european_databases

Some of the common databases include:
National food composition tables for planning of satisfactory diets in Kenya
- Food composition table for use in Africa http://www.fao.org/docrep/003/X6877E/X6877E00.htm
- Tanzania food composition tables http://harvardschoolofpublichealth.com/nutritionsource/files/tanzania-food-composition-tables.pdf
- West African food composition tables http://www.fao.org/docrep/015/i2698b/i2698b00.pdf
- USDA National Nutrient Database for Standard Reference http://ndb.nal.usda.gov/

Regional UniversitiesForum for Capacity Building in Agriculture (RUFORUM)

- RUFORUM was created in 2004 by Vice Chancellors of universities in Africa.

- Over the past 19 years, the network has grown from 10 universities, primarily from eastern and southern Africa, representing five countries, to 163 universities from across 40 countries in the five regions of eastern, southern, central, west, and north Africa by 2023.

- RUFORUM is nested within continental and global frameworks, including the Comprehensive Africa Agriculture Development Programme (CAADP), Africa's Agenda 2063, and the UN Sustainable Development Goals

- Introduced M.Sc Research Methods offered at JKUAT. Curerently offered under online courses – SOdDeL (https://sodel3v2.jkuat.ac.ke/course/index.php)

Four Key RUFORUM's Strategic Areas:

RUFORUM's mission while contributing to partners, country and regional development aspirations. The four areas are:

1. **Skilling, Engagement and Community Development (SECD)**

2. **Research, Innovation and Development (RID)**

3. **Strategic Partnerships.** The aim is to build and nurture the RUFORUM network as a whole by increasing visibility, fostering dynamic alumni communities, building strategic partnerships, and leading resource mobilisation for mission implementation

4. **Strategic Knowledge Management-** support Knowledge Hub (K-Hub)