

CURRENT AND EMERGING NEEDS IN
AGRICULTURE AND FORESTRY EDUCATION:
Training at the College of Agriculture and Consumer Science

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COLLEGE OF AGRICULTURE AND CONSUMER SCIENCES
UNIVERSITY OF GHANA
LEGON



THE UNIVERSITY OF GHANA (UG)



UNIVERSITY OF GHANA
LEGON

COLLEGE OF
AGRICULTURE & CONSUMER SCIENCES



UG

- UG was founded in 1948 as the then University College of Gold Coast
- It was founded for promoting university education, learning and research
- The current form of UG was set up by an Act of Parliament on October 1 1961; Act 79
- UG programmes cover sub degree diplomas, bachelors' degrees, masters degrees and doctoral degrees.

HUMAN RESOURCES

- Senior Members = 1087
- Senior Staff = 1346
- Junior Staff = 2571
- Total Staff = 5004

- Current student population (2008/2009) = 29,754
- Male: female ratio of 2:1

ASSOCIATIONS AND LINKS

- Member of
 - International Association of Universities
 - Association of Commonwealth Universities
 - League of World Universities (comprises 47 universities worldwide)
 - Norwegian Universities Committee for development Research and Education (NUFU)
 - Etc.



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FACULTIES

- Arts;
 - classics, english, linguistics, russian, spanish, french, swahili, philosophy, religions, performing arts etc
- Social studies
 - archeology, economics, geography, history, nursing, political science
- Law
- Business School
 - accounting, public admin, marketing, banking, etc
- Engineering Sciences
 - agricultural, biomedical, food process, computer etc

COLLEGES

- College of Health Sciences
 - Medical School, Dental School, School of Allied Health Sciences, School of Public Health, Noguchi Memorial Inst for Medical Research, School of Nursing
- ***College of Agriculture and Consumer Sciences***

CENTRES OF RESEARCH AND LEARNING

- 16 Centres such as
 - Regional Training Centre for Archivists
 - Centre for Tropical Clinical Pharmacology and Therapeutics
 - Centre for Migration Studies and Research
 - The International Centre for African Music and Dance
 - Legon Botanical Gardens
 - Remote Sensing Applications Unit
 - Ecology Laboratory Centre
 - Centre for Social Policy Studies
 - African Virtual University



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LIBRARY FACILITIES

- Balme Library is main UG library
- Holding of 300,000 volumes
- About 5000 periodicals
- Dept and Hall Libraries supplement facilities available in Balme Library
- Have subscribed to several electronic journals



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ICT FACILITIES

- University has an ICT Directorate
- Virtually all offices have internet points and staff and students have access
- All Senior Members and Students are allocated e-mail addresses on request

COLLEGE OF AGRICULTURE AND CONSUMER SCIENCES (CACCS)



COLLEGE OF AGRICULTURE AND CONSUMER SCIENCES

CACS VISION

- To be an internationally acclaimed African institution for scientific innovations in sustainable agriculture and human development to meet national and global challenges
- CACS is committed to providing a world class academic environment through teaching, research and extension

CACS PROFILE

- School of Agriculture has following depts/centres
 - Agricultural Economics
 - Animal Science
 - Crop Science
 - Home Science
 - Soil Science
 - Agricultural Extension



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- Biotechnology Centre
- West African Centre for Crop Improvement (WACCI) by AGRA

- School of Veterinary Medicine
 - Newly established 2009



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- Institute of Agricultural Research

- Agric Research Centre-Kade; 120 km out; cocoa, oil palm, rubber, citrus etc

- Agric Research Centre-Kpong; 90 km out; cereals, pulses,

- Agric Research Centre-Legon; 15 km out; livestock



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CACS STAFF

- Senior Members Total = 83
 - Male = 61 ; Female = 22
- Senior Staff = 109
- Junior Staff = 420
- Total Staff = 612

CACS STUDENTS (2009)

- Current undergraduate enrolment = 861
 - Male = 596 ; Female = 265
- Current graduate enrolment = 205
 - Male = 140 ; Female = 65
- Current diploma enrolment (sandwich) = 291
 - Male = 263 ; Female = 31

PROGRAMMES

- Certificate in farming; 10 month residential
- Diploma in Agriculture; three semester sandwich intensive programme
- B.Sc. (Agric) degree; 4 years; specialisation in agric economics, agribusiness, animal sci, crop sci, horticulture, post harvest technology, soil sci
- B.Sc./B.A (Home Sci) degree; 4 years; electives in home mgt, clothng & textiles, nutrition, human development

PRACTICAL TRAINING

- All students undergo a six week compulsory supervised vacation training at the Agric Research Centres
- In addition, students can volunteer for internships with recognised farmers who have signed an MoU with the College

CACS STRENGTHS

- Well trained competent staff
- Well developed course structures
- Opportunities exist for departments to develop demand driven courses

CACS WEAKNESSES

- College not widely appreciated by stakeholders as interaction with stakeholders was limited
- Lack of measurable performance indicators accounts for lack of common focus among faculty and staff
- Weak infrastructure; laboratories, lecture halls, offices, model farms

CACS WEAKNESSES

- Weak curriculum that does not reflect stakeholder interests
- Lack of sufficient technical staff
- Unavailability of regular programmes to upgrade skills of existing staff

CACS STRATEGIC CRITICAL SUCCESS FACTORS

- CACS has identified 8 critical success factors; following relate closely to AFOLM
 - Strengthen internal and external collaboration
 - Identify and develop programmes that address national and global challenges
 - Be very responsive to external and internal needs
 - Paradigm shift in organisational culture and mindset of staff and students

CACS SUCCESS FACTORS

- Aggressive generation and management of resources
 - Initiate programmes to attract fees eg distance learning
- Provide and maintain adequate infrastructure to support the college's expansion
 - Acquire modern equipment to enhance teaching, research and extension
- Establish appropriate schools and centres to enhance our relevance as a college
 - Curriculum innovation to meet emerging trends and developments



THANK YOU



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