FACTSHEET ON CAPACITIES IN AGRICULTURAL HIGHER EDUCATION

Makerere University, Uganda
College of Agricultural and Environmental Sciences

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October 2018

Note: Data for 2000–2003 were not available.

Share of teaching staff by gender, 2016

75% MALE
25% FEMALE

Share of female teaching staff in each qualification level
BSc Not applicable
MSc 30%
PhD 23%

Share of female teaching staff by age bracket
<41 years 34%
41–50 years 21%
>50 years 16%

Share of female teaching staff by position
Deans/professors 0%
Associate professors 0%
Other 29%

Note: “Other” includes senior lecturers, lecturers, and assistant lecturers.

MSc and PhD-qualified teaching staff by discipline, 2016

Total number of peer-reviewed publications by type, 2015/2016

Note: Data on books and book chapters were not available.

Note: Socioeconomics includes agribusiness and agricultural economics.
**Total number of enrolled and graduated students by degree, 2016**

<table>
<thead>
<tr>
<th>Degree</th>
<th>Enrolled</th>
<th>Graduated</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSc</td>
<td>996</td>
<td>9</td>
</tr>
<tr>
<td>MSc</td>
<td>256</td>
<td>461</td>
</tr>
<tr>
<td>PhD</td>
<td>55</td>
<td>123</td>
</tr>
</tbody>
</table>

**Share of enrolled and graduated students by gender, 2016**

**Enrolled students**
- **63% MALE**
- **37% FEMALE**

**Graduated students**
- **59% MALE**
- **41% FEMALE**

**Share of female students enrolled within each degree level**
- **BSc 37%**
- **MSc 38%**
- **PhD 31%**

**Share of female students graduated within each degree level**
- **BSc 44%**
- **MSc 31%**
- **PhD 11%**

**Ratio of graduated to enrolled students by degree, 2016**

<table>
<thead>
<tr>
<th>Degree</th>
<th>Ratio</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSc</td>
<td>0.46</td>
</tr>
<tr>
<td>MSc</td>
<td>0.48</td>
</tr>
<tr>
<td>PhD</td>
<td>0.16</td>
</tr>
</tbody>
</table>

**Ratio of enrolled students to teaching staff by degree, 2016**

<table>
<thead>
<tr>
<th>Degree</th>
<th>No. of students</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSc</td>
<td>1.9</td>
</tr>
<tr>
<td>MSc+PhD</td>
<td>8.1</td>
</tr>
</tbody>
</table>

**Note:** Data indicate the ratio of graduated to enrolled students at each degree level.

**Note:** Data indicate the ratio of MSc and PhD students to MSc- and PhD-qualified teaching staff, and total students to total teaching staff.

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**BACKGROUND**

Credible quantitative and qualitative information on existing capacities in agricultural higher education agencies in Africa are crucial for strategic planning, policy formulation, setting priorities and benchmarks, measuring progress toward benchmarks, and identifying capacity gaps. Decisionmakers require a solid understanding of existing staffing and student capacities in the higher education sector, as well as in the wider agricultural innovation systems in Africa south of the Sahara. Access to such information supports effective policymaking to address capacity issues in higher education, agricultural research, extension, and other areas. Such information remains extremely limited, however.

To fill this need, the International Food Policy Research Institute’s Agricultural Science and Technology Indicators (ASTI/IFPRI) and the Regional Universities Forum for Capacity Building in Agriculture (RUFORUM) initiated a partnership to pilot the collection of this type of data for RUFORUM’s member universities. This factsheet presents the available data results Makerere University, College of Agricultural and Environmental Sciences. An online version of the data is available via the Portal on Agricultural Capacity in RUFORUM Universities: www.asti.cgiar.org/RUFORUM.

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**ABOUT RUFORUM, ASTI, AND IFPRI**

The Regional Universities Forum for Capacity Building in Agriculture (RUFORUM) is a network of 85 universities in 36 African countries whose mandate is to strengthen the quality and relevance of postgraduate training and research in African universities—especially in agriculture, science, technology, and innovation—through activities designed to improve the capacity of African universities and research centers to generate knowledge relevant to Africa’s development challenges. Agricultural Science and Technology Indicators (ASTI) is a comprehensive and trusted source of information on agricultural R&D systems across the developing world. ASTI works through collaborative alliances with numerous national and regional R&D agencies and international institutions, and is led by the International Food Policy Research Institute (IFPRI), which—as a CGIAR member—provides evidence-based policy solutions to sustainably end hunger.

RUFORUM and ASTI/IFPRI gratefully acknowledge participating RUFORUM member universities for their contributions to the data collection and preparation of this factsheet series. ASTI also acknowledges the Mastercard Foundation for its financial support of the development of the series. This factsheet has been prepared as an ASTI—RUFORUM output and has not been peer reviewed.

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