Land Administration Education in Belarus: Past, Present & Future

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Aim

• To examine existing university programmes training professionals in land administration (LA) in Belarus

• To compare then with newly developed study programmes in LA in Russian and Ethiopia

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Functions of surveyors
FIG definition (2004)

- Measurement
- Geodata collection & mapping
- Valuation
- Planning
- ...

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Belarusian universities and respective curricula

- Belarusian State Agricultural Academy (BSAA)
  - Land management
  - Land cadastre
- Belarusian State University (BSU)
  - Geographical information systems
- Belarusian National Technical University (BNTU)
  - Real estate management
- Polotsk State University (PSU)
  - Land cadastre

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Universities & curricula to compare

- State University of Land Use Planning (Russia, Moscow)
  - Land & real estate management
- Bahir Dar University (Ethiopia, Bahir Dar)
  - Land administration

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Methodology

1. Basic/humanitarian courses
   - Maths, physics, informatics, history of Belarus, sociology, foreign language, philosophy etc.
2. Professional
   - Geodesy, cartography, land monitoring, geodetical support of cadastre, history of surveying, land use planning
3. Legal
   - Fundamentals of law, civil law, land law, ecological law
4. Economic
   - Economic theory, real estate economy, investment analysis, and property valuation
5. Other
   - Radiation safety, basics of energy savings, archives etc

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## Course distribution Belarus

<table>
<thead>
<tr>
<th>Courses (% of total teaching hours)</th>
<th>BSAA</th>
<th>BSU</th>
<th>BNTU</th>
<th>PSU</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>LM</td>
<td>LC</td>
<td>GIS</td>
<td>REM</td>
</tr>
<tr>
<td>Basic/Humanitarian</td>
<td>38</td>
<td>34</td>
<td>26</td>
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<td>Professional</td>
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<td>Legal</td>
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<td><strong>10</strong></td>
<td>3</td>
<td><strong>4</strong></td>
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<tr>
<td>Economic</td>
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<td>5</td>
<td>3</td>
<td>18</td>
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<tr>
<td>Other</td>
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<td>8</td>
<td>8</td>
<td>3</td>
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</tbody>
</table>

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## Course distribution

<table>
<thead>
<tr>
<th>Courses (%)</th>
<th>LM</th>
<th>Russia Courses (%)</th>
<th>LREM</th>
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</thead>
<tbody>
<tr>
<td>Basic</td>
<td>20</td>
<td>Basic/Humanitarian</td>
<td>24</td>
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<tr>
<td>Surveying</td>
<td>21</td>
<td>Professional</td>
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<tr>
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<td>Economic</td>
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</tr>
<tr>
<td>Land administration</td>
<td>22</td>
<td>Other</td>
<td>14</td>
</tr>
</tbody>
</table>

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Conclusions

- No pure land administration curriculum in Belarus
- Legal & economic courses underrepresented
- More technically oriented surveying education in the future
- E.g., Land cadastre at PSU substituted by Geodetical support of cadastre

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