Graduate Student Issues

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Basic Tuition Rates

- Resident Undergrad: $420.50/SCH
- Non-resident Undergrad: $857.00/SCH
- Graduate: $702.00/SCH
Basic Tuition Rates

• It’s important to note that the discount rate for incoming domestic non-resident students was 51% in Fall, 2011.

• Financial aid for unsupported graduate students is minimal, and access to Pell Grants is changing.
Unsupported Graduate Students

Percent Unsupported Graduate Students

Fiscal Year

Percent

Masters  PhD
Unsupported Graduate Students

![Graph showing the number of unsupported graduate students from 2004 to 2011. The graph has two lines: one for Masters students and one for PhD students. The number of unsupported Masters students has increased steadily from 2004 to 2011, while the number of unsupported PhD students has remained relatively constant.](image-url)
Single Graduate Rate

• Resident and non-resident graduate tuition rates were collapsed into a single rate a number of years ago.

• At that time, we had very few graduate students paying the non-resident rate [supported students were assessed the in-state rate].

• One goal was to become more attractive to unsupported domestic non-resident graduate students.
Michigan Technological University
Unsupported Grad Students Enrollment by Residency
Fall 2003, Fall 2004 & Fall 2010

<table>
<thead>
<tr>
<th></th>
<th>Fall 2003</th>
<th>Fall 2004</th>
<th>Fall 2010</th>
</tr>
</thead>
<tbody>
<tr>
<td>Michigan Resident</td>
<td>123</td>
<td>164</td>
<td>248</td>
</tr>
<tr>
<td>Non-Resident</td>
<td>64</td>
<td>64</td>
<td>148</td>
</tr>
<tr>
<td>International</td>
<td>114</td>
<td>100</td>
<td>309</td>
</tr>
<tr>
<td>TOTAL</td>
<td>301</td>
<td>328</td>
<td>705</td>
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Costs and Revenues of Undergraduate and Graduate Programs

• Review of Undergraduate and Graduate Program Costs and Revenues, Oct. 28, 2005
  • [http://www.mtu.edu/mtuonly/reports/costs102805.pdf](http://www.mtu.edu/mtuonly/reports/costs102805.pdf)
  • Analyses based on FY03 and FY04.
  • Graduate education was combined with research activities for the analyses.
Undergrad/Graduate Costs and Revenues

• Findings:
  – Without considering the state appropriation, costs exceeded revenues for both undergraduate and graduate education under every scenario.
  – Generally, under a variety of appropriation allocation alternatives:
    • Either graduate education and research were cash positive and undergraduate cash negative, or
    • Graduate education was less cash negative than undergraduate education.
2004 Results

• State Approps. Allocated on Faculty Sal. And Faculty Time Allocated Using Faculty Effort and SCH
  
  Undergraduate  ($9,272)
  Graduate  $6,811

• State Approps. Allocated on Total Exp. And Faculty Time Allocated Using Faculty Effort and SCH
  
  Undergraduate  ($ 985)
  Graduate  ($1,477)
Changing Environment

• Since those analyses were done:
  – State appropriation has declined to approximately 16% of the total university revenue;
  – Undergraduate enrollment has remained relatively flat (5765 vs. 5720);
  – Graduate enrollment has increased by 57% (800 vs. 1256);
  – Sponsored awards have increased 94% ($28.7 MM vs. $55.7 MM)
  – F&A recovery has doubled ($5.1 MM vs. $10.1 MM)
CPI Adjusted Revenue Streams 1994-2015
As a Percentage of Total Revenue

- Student Tuition
- Grant and Contract Revenue
- Auxiliary Revenue
- State appropriations, Operating
- Other Income
2011 Results

- State Approps. Allocated on Faculty Sal. And Faculty Time Allocated Using Faculty Effort and SCH
  - Undergraduate: ($1,213)
  - Graduate: $1,473

- State Approps. Allocated on Total Exp. And Faculty Time Allocated Using Faculty Effort and SCH
  - Undergraduate: $7,523
  - Graduate: ($7,263)
### Summary of 2004 vs. 2011

<table>
<thead>
<tr>
<th>State Approps. Allocated</th>
<th>Net Profit/Loss Undergrad</th>
<th>Net Profit/Loss Graduate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Faculty Salary</td>
<td>$8,059</td>
<td>($5,338)</td>
</tr>
<tr>
<td>Total Expenditures</td>
<td>$8,508</td>
<td>($5,786)</td>
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</tbody>
</table>