### University Core Curriculum

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>FYS 101 First Year Seminar</td>
<td>3</td>
</tr>
<tr>
<td>FYS 102 First Year Seminar</td>
<td>3</td>
</tr>
<tr>
<td>GHS 201-209 Global and Historical Studies</td>
<td>3</td>
</tr>
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### General Core Requirements

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>TI Text and Ideas</td>
<td>3</td>
</tr>
<tr>
<td>PCA Perspectives in the Creative Arts</td>
<td>3</td>
</tr>
<tr>
<td>SW The Social World (exempt)</td>
<td>3</td>
</tr>
<tr>
<td>AR Analytical Reasoning (exempt)</td>
<td>3</td>
</tr>
<tr>
<td>NW The Natural World (exempt)</td>
<td>5</td>
</tr>
<tr>
<td>PWB Physical Well-Being</td>
<td>1</td>
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</tbody>
</table>

### Additional Core Requirements

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BCR Butler Cultural Requirement</td>
<td>8 events</td>
</tr>
<tr>
<td>ICR Indianapolis Community Requirement</td>
<td>1 course</td>
</tr>
<tr>
<td>SAC Speaking Across the Curriculum</td>
<td>1 course</td>
</tr>
<tr>
<td>WAC Writing Across the Curriculum</td>
<td>1 course</td>
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### Liberal Arts and Science Requirements

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>Foreign Language (min 6 cr 200 level or above)</td>
<td>6-14</td>
</tr>
<tr>
<td>Spanish, French, German, Chinese, Latin</td>
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</tbody>
</table>

### Economics Electives

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>MS 100 Basic Excel Skills¹</td>
<td>-</td>
</tr>
<tr>
<td>MS 264 Business Statistics²</td>
<td>-</td>
</tr>
<tr>
<td>MS 265 Information Technology</td>
<td>3</td>
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<tr>
<td>EC 231 Principles of Microeconomics</td>
<td>3</td>
</tr>
<tr>
<td>EC 232 Principles of Macroeconomics</td>
<td>3</td>
</tr>
<tr>
<td>EC 332 Intermediate Macroeconomics</td>
<td>3</td>
</tr>
<tr>
<td>EC 354 Intermediate Microeconomics</td>
<td>3</td>
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<tr>
<td>EC 464 Quantitative Methods-Econometrics</td>
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</tbody>
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### Economics

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<tr>
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<td>MS 264 Business Statistics²</td>
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<td>MS 265 Information Technology</td>
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<td>EC 231 Principles of Microeconomics</td>
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<tr>
<td>EC 232 Principles of Macroeconomics</td>
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<tr>
<td>EC 332 Intermediate Macroeconomics</td>
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<tr>
<td>EC 354 Intermediate Microeconomics</td>
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<tr>
<td>EC 464 Quantitative Methods-Econometrics</td>
<td>3</td>
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<tr>
<td>Economics Electives (choose 4)</td>
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<tr>
<td>EC 336 Comparative Economic Systems</td>
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<tr>
<td>EC 339 Economic History of the United States</td>
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<tr>
<td>EC 342 Law and Economics</td>
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<tr>
<td>EC 346 Health Care Economics</td>
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<tr>
<td>EC 351 Urban Economics</td>
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<tr>
<td>EC 352 Personnel Economics (WAC)</td>
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<tr>
<td>EC 355 Money &amp; Banking</td>
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<tr>
<td>EC 391 Environmental &amp; Natural Resources</td>
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<tr>
<td>EC 433 International Economics</td>
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</tr>
<tr>
<td>EC 434 Economics of Taxation &amp; Public Expenditures</td>
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<tr>
<td>EC 438 Economic History of Europe</td>
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<tr>
<td>EC 462 Mathematical Economics</td>
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<tr>
<td>EC 495 Special Topics in Economics</td>
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<tr>
<td>Economics Electives (choose 4)</td>
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### Biomedical Engineering

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>CH 351 Organic Chemistry 1</td>
<td>5</td>
</tr>
<tr>
<td>CH 352 Organic Chemistry 2</td>
<td>5</td>
</tr>
<tr>
<td>BI 210 Genetics</td>
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</tr>
<tr>
<td>BI 220 Cellular and Molecular Biology</td>
<td>4</td>
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<tr>
<td>BI 433 Advanced Cell Biology</td>
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</tr>
<tr>
<td>BME 222 Biomeasurements</td>
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<tr>
<td>BME 241 Biomechanics</td>
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<tr>
<td>BME 322 Probability &amp; Statistics for BME²</td>
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<tr>
<td>BME 331 Biosignals and Systems</td>
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<tr>
<td>BME 334 Biomedical Computing</td>
<td>3</td>
</tr>
<tr>
<td>BME 352 Cell/Tissue Behavior and Properties</td>
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<tr>
<td>BME 354 Probs in Cell/Tissue Behavior &amp; Prop</td>
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<tr>
<td>BME 381 Implantable Materials &amp; Biological Resp</td>
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<tr>
<td>BME 383 Probs in Implant Materials &amp; Bio Resp</td>
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<tr>
<td>BME 402 Senior Seminar in BME</td>
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<tr>
<td>BME 411 Quantitative Physiology</td>
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<tr>
<td>BME 442 Biofluid &amp; Biosolid Mechanics</td>
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<tr>
<td>BME 461 Transport Processes in Biomedical Engr</td>
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<tr>
<td>BME 491 Biomedical Engineering Design I</td>
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<tr>
<td>BME 492 Biomedical Engineering Design II</td>
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<tr>
<td>BME Gateway Elective¹</td>
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<tr>
<td>BME/Tech Elective¹</td>
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<tr>
<td>BME/Sci/Tech Electives¹</td>
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</tbody>
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### Total Credits

- 182 - 190 Credits

1-2 used as equivalents for degree requirements

* also required for Economics major

¹BME/Sci/Tech electives must be selected in consultation with an advisor to form an appropriate Depth Area