## Example 1

<table>
<thead>
<tr>
<th>YEAR</th>
<th>FALL</th>
<th>SPRING</th>
</tr>
</thead>
</table>
| 1    | EGR 100 or Breadth  
     | MTH 111  
     | CHM 111  
     | Writing Intensive (FYS) | EGR 100 or Breadth  
     | MTH 112  
     | PHY 117  
     | EGR 110 |
| 2    | EGR 270 + lab (offered fall only)  
     | EGR 290, CSC 111, or SDS 220  
     | MTH 212  
     | Breadth | EGR 220 + lab (offered spring only)  
     | EGR 290, CSC 111, SDS 220, or EGR 374  
     | PHY 210  
     | Breadth |
| 3    | EGR 374+lab or Technical Depth  
     | CSC 111 or SDS 220  
     | Lab Science  
     | Breadth | EGR 374+lab or Technical Depth  
     | EGR Technical Depth  
     | EGR Technical Depth  
     | Breadth |
| 4    | EGR 410D and Capstone Project  
     | EGR Technical Depth  
     | EGR Technical Depth  
     | Elective | EGR 410D and Capstone Project  
     | Elective  
     | Elective  
     | Elective |

## Example 2 (early explorer)

<table>
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<th>YEAR</th>
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<th>SPRING</th>
</tr>
</thead>
</table>
| 1    | Writing Intensive (FYS)  
     | MTH 111  
     | Breadth  
     | Breadth | EGR 100  
     | PHY 117  
     | MTH 112  
     | Breadth |
| 2    | EGR 270 + lab (offered fall only)  
     | CSC 111 or SDS 220  
     | CHM 111  
     | MTH 212 | EGR 220 + lab (offered spring only)  
     | EGR 290  
     | EGR 110  
     | Breadth |
| 3    | EGR 374+lab or Technical Depth  
     | PHY 210  
     | CSC 111 or SDS 220  
     | Breadth | EGR 374+lab or Technical Depth  
     | Lab Science  
     | EGR Technical Depth  
     | Elective |
| 4    | EGR 410D and Capstone Project  
     | EGR Technical Depth  
     | EGR Technical Depth  
     | Elective | EGR 410D and Capstone Project  
     | EGR Technical Depth  
     | Elective  
     | Elective |
## Example 3 (study away)

<table>
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<th>YEAR</th>
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<th>SPRING</th>
</tr>
</thead>
</table>
| 1    | EGR 100 or Breadth  
     | MTH 111  
     | CHM 111  
     | Writing Intensive (FYS) | EGR 100 or Breadth  
     | MTH 112  
     | PHY 117  
     | EGR 110 |
| 2    | **EGR 270 + lab (offered fall only)**  
     | EGR 290  
     | MTH 212  
     | Breadth | **EGR 220 + lab (offered spring only)**  
     | EGR 374 + lab  
     | PHY 210  
     | Breadth |
| 3    | CSC 111  
     | SDS 220  
     | Lab Science  
     | EGR Technical Depth | **Breadth**  
     | Elective (study away)  
     | Elective (study away)  
     | Elective (study away) |
| 4    | EGR 410D and Capstone Project  
     | EGR Technical Depth  
     | EGR Technical Depth  
     | Elective | EGR 410D and Capstone Project  
     | EGR Technical Depth  
     | EGR Technical Depth  
     | Elective |

## Example 4 (sophomore chemistry)

<table>
<thead>
<tr>
<th>YEAR</th>
<th>FALL</th>
<th>SPRING</th>
</tr>
</thead>
</table>
| 1    | EGR 100  
     | MTH 111  
     | Writing Intensive (FYS)  
     | Breadth | EGR 110  
     | MTH 112  
     | PHY 117  
     | Breadth |
| 2    | **EGR 270 + lab (offered fall only)**  
     | CHM 111  
     | MTH 212  
     | Breadth | **EGR 220 + lab (offered spring only)**  
     | EGR 290  
     | PHY 210  
     | Breadth |
| 3    | CSC 111 or SDS 220  
     | EGR 374+lab or Technical Depth  
     | Lab Science  
     | Breadth | CSC 111 or SDS 220  
     | EGR 374+lab or Technical Depth  
     | EGR Technical Depth  
     | Breadth |
| 4    | EGR 410D and Capstone Project  
     | EGR Technical Depth  
     | EGR Technical Depth  
     | Elective | EGR 410D and Capstone Project  
     | EGR Technical Depth  
     | Elective  
     | Elective |
BS in Engineering Science

**Example** Course Sequences

**EGR Technical Depth** indicates one of the five required engineering courses for the EGR major (four of five at the 300-level)

**Breadth** indicates courses taken for Latin Honors or in pursuit of a humanities or social science minor.

**Elective** indicates a course that is entirely free from constraints – could be within engineering, could be outside.

AP, IB, or other credits may enable more freedom and flexibility in course selection.