

**Department of Mathematics and Statistics**  
**Applied/Statistics Mathematics Option**  
**Curriculum Year: 2017-2018**

*Your department has developed this road plan, taking into account prerequisites and schedule restrictions.  
 You should pay attention to these concerns when deviating from this plan.*

| Year 1             | Fall                                                           | Units              | Winter                               | Units              | Spring                                       | Units     | Comment                                                                                   |
|--------------------|----------------------------------------------------------------|--------------------|--------------------------------------|--------------------|----------------------------------------------|-----------|-------------------------------------------------------------------------------------------|
|                    | <b>MAT 114</b><br>GE Area B4                                   | 4                  | <b>MAT 115</b><br>Major Support      | 4                  | <b>MAT 116</b><br>Major Core                 | 4         | <i>Students must complete both SCI 101/101A and SCI 102/102L to earn GE Area E credit</i> |
|                    | <b>ENG 110</b><br>GE Area A2                                   | 4                  | <b>ENG 105/PHL 202</b><br>GE Area A3 | 4                  | <b>CS 128</b><br>Major Core                  | 4         |                                                                                           |
|                    | <b>BIO 110</b><br>GE Area B2                                   | 3                  | Unrestricted Elective                | 4                  | <b>COM 100/COM 204</b><br>GE Area A1         | 4         |                                                                                           |
|                    | <b>SCI 101/101A</b><br>GE Area E                               | 2                  | <b>SCI 102/102A</b><br>GE Area E     | 2                  | GE<br>Any approved course in area C1-3, D1-3 | 4         |                                                                                           |
|                    | <i>Reduced course load is recommended in the first quarter</i> |                    |                                      |                    |                                              |           |                                                                                           |
| <b>Total Units</b> | <b>13</b>                                                      | <b>Total Units</b> | <b>14</b>                            | <b>Total Units</b> | <b>16</b>                                    |           |                                                                                           |
|                    |                                                                |                    |                                      |                    | <b>Total Units for Year</b>                  | <b>43</b> |                                                                                           |

| Year 2 | Fall                                         | Units     | Winter                                       | Units     | Spring                                       | Units     | Comment |
|--------|----------------------------------------------|-----------|----------------------------------------------|-----------|----------------------------------------------|-----------|---------|
|        | <b>MAT 214</b><br>Major Core                 | 3         | <b>MAT 215</b><br>Major Core                 | 3         | <b>MAT 216</b><br>Major Core                 | 4         |         |
|        | <b>MAT 201</b><br>Major Core                 | 4         | <b>MAT 208</b><br>Major Core                 | 4         | Unrestricted Elective                        | 4         |         |
|        | <b>PHY 131/L</b><br>GE Area B1 & B3          | 4         | <b>PHY 132/L</b><br>Major Support            | 4         | <b>PHY 133/L</b><br>Major Support            | 4         |         |
|        | GE<br>Any approved course in area C1-3, D1-3 | 4         | GE<br>Any approved course in area C1-3, D1-3 | 4         | GE<br>Any approved course in area C1-3, D1-3 | 4         |         |
|        | <b>Total Units</b>                           | <b>15</b> | <b>Total Units</b>                           | <b>15</b> | <b>Total Units</b>                           | <b>16</b> |         |
|        |                                              |           |                                              |           | <b>Total Units for Year</b>                  | <b>46</b> |         |

| Year 3 | Fall                                         | Units     | Winter                                       | Units     | Spring                                       | Units                       | Comment                                                                                                                              |
|--------|----------------------------------------------|-----------|----------------------------------------------|-----------|----------------------------------------------|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
|        | <b>MAT 310</b><br>Major Core                 | 4         | <b>MAT 314</b><br>Major Core                 | 4         | <b>MAT 315</b><br>Major Core                 | 4                           | <i>Major option courses must be selected from the approved list. See department website or advisor for list of approved courses.</i> |
|        | <b>STA 241</b><br>Major Core                 | 4         | <b>STA 341</b><br>Major Core                 | 4         | Subplan/Option Course                        | 4                           |                                                                                                                                      |
|        | Subplan/Option Course                        | 4         | Subplan/Option Course                        | 4         | Unrestricted Elective                        | 4                           |                                                                                                                                      |
|        | GE<br>Any approved course in area C1-3, D1-3 | 4         | GE<br>Any approved course in area C1-3, D1-3 | 4         | GE<br>Any approved course in area C1-3, D1-3 | 4                           |                                                                                                                                      |
|        | <i>Take the Graduation Writing Test</i>      |           |                                              |           |                                              |                             |                                                                                                                                      |
|        | <b>Total Units</b>                           | <b>16</b> | <b>Total Units</b>                           | <b>16</b> | <b>Total Units</b>                           | <b>16</b>                   |                                                                                                                                      |
|        |                                              |           |                                              |           |                                              | <b>Total Units for Year</b> |                                                                                                                                      |

| Year 4 | Fall                                                      | Units     | Winter                                                    | Units     | Spring                                                    | Units                       | Comment                                                                                                                                           |
|--------|-----------------------------------------------------------|-----------|-----------------------------------------------------------|-----------|-----------------------------------------------------------|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
|        | <b>MAT 428</b><br>Major Core                              | 4         | <b>MAT 417</b><br>Major Core                              | 4         | <b>MAT 418</b><br>Major Core                              | 4                           | <i>Students must complete one course in each of the GE areas B5, C4, and D4.</i>                                                                  |
|        | Subplan/Option Course                                     | 4         | Subplan/Option Course                                     | 4         | Subplan/Option Course                                     | 4                           |                                                                                                                                                   |
|        | GE Synthesis<br>Any approved course in area B5, C4, or D4 | 4         | GE Synthesis<br>Any approved course in area B5, C4, or D4 | 4         | GE Synthesis<br>Any approved course in area B5, C4, or D4 | 4                           | <i>All GE Area A courses and all lower division GE courses in a GE area must be completed before taking the GE Synthesis course in that area.</i> |
|        | Unrestricted Elective                                     | 3         | Unrestricted Elective                                     | 4         |                                                           |                             |                                                                                                                                                   |
|        |                                                           |           | <i>Request a graduation check</i>                         |           | <i>File an application to graduate</i>                    |                             |                                                                                                                                                   |
|        | <b>Total Units</b>                                        | <b>15</b> | <b>Total Units</b>                                        | <b>16</b> | <b>Total Units</b>                                        | <b>12</b>                   |                                                                                                                                                   |
|        |                                                           |           |                                                           |           |                                                           | <b>Total Units for Year</b> | <b>43</b>                                                                                                                                         |

|                             |            |
|-----------------------------|------------|
| <b>Total Units on Plan</b>  | <b>180</b> |
| Major Core Units            | 82         |
| Support/Emphasis Units      | 12         |
| General Education Units     | 68         |
| Unrestricted Elective Units | 19         |