

## Sample Four-Year Mathematics B.S. - Actuarial Science Plan

**Academics First! Lower course loads/fewer work hours = higher GPAs**

| Developmental Prerequisites |   | Freshman         |                    | Sophomore    |                  | Junior           |                 | Senior       |                       | TOTALS    |     |
|-----------------------------|---|------------------|--------------------|--------------|------------------|------------------|-----------------|--------------|-----------------------|-----------|-----|
|                             |   |                  |                    |              |                  |                  |                 |              |                       |           |     |
| PRIOR TO FRESHMAN YEAR      | <b>English:</b>   | Fall Sem.        | MATH 181           | 4            | MATH 283         | 4                | MATH 463 or 466 | 3            | STAT 467              | 3         |     |
|                             | Verbal ACT must be $\geq$ 21 or Verbal SAT must $\geq$ 510 or complete developmental coursework:<br>ENG 098* or ENG101E/F |                  | CS 117 or 135      | 3            | MATH 330 or 365  | 3                | MATH 471        | 3            | STAT 488              | 3         |     |
|                             |   |                  | ENG 101            | 3            | Related Science  | 3                | MATH 473        | 3            | FIN 420               | 3         |     |
|                             |   | Humanities**     | 3                  | Electives**  | 3                | Fine Arts**      | 3               | Electives**  | 3                     |           |     |
|                             |   | <b>Total</b>     | <b>13</b>          | <b>Total</b> | <b>13</b>        | <b>Total</b>     | <b>15</b>       | <b>Total</b> | <b>12</b>             | <b>53</b> |     |
|                             |   |                  |                    |              |                  |                  |                 |              |                       |           |     |
| PRIOR TO FRESHMAN YEAR      | <b>Mathematics:</b>   | Spring Sem.      | MATH 182           | 4            | MATH 320         | 3                | STAT 413        | 3            | FIN 421               | 3         |     |
|                             | Quan ACT must be $>$ 28 or Quan SAT must be $>$ 630 or complete developmental coursework:<br>MATH 095*, 096*, 126, 127    |                  | ENG 102            | 3            | MATH 427         | 3                | FIN 321         | 3            | Electives**           | 3         |     |
|                             |   |                  | Related Science    | 3            | STAT 411         | 3                | Related Science | 3            | Electives**           | 3         |     |
|                             |   | Social Science** | 3                  | Electives**  | 3                | Social Science** | 3               | Electives**  | 3                     |           |     |
|                             |   | <b>Total</b>     | <b>13</b>          | <b>Total</b> | <b>12</b>        | <b>Total</b>     | <b>15</b>       | <b>Total</b> | <b>12</b>             | <b>52</b> |     |
|                             |   |                  |                    |              |                  |                  |                 |              |                       |           |     |
|                             | *not for credit   | Sum              | HIS 100 or PSC 101 | 4            | Humanities**     | 3                | Electives**     | 6            | Summer Total          |           | 19  |
|                             |   |                  | ENG231 or 232      | 3            | Social Science** | 3                |                 |              | Total (124 required): |           | 124 |

\*\*choose courses in order to simultaneously fill the Multicultural AND International requirements; may need upper div electives to reach 40 UD