

| Fall Semester 1 | Recommended Courses Interim Semester 1 | Spring Semester 1 | Career Planning and Preparation | R.E.A.L. Experience |
| :---: | :---: | :---: | :---: | :---: |
| COS 100 Introduction to Programming | GES 147 Humanities II: Renaissance and Reformation | BIB 101 Introduction to the Bible | PHASE 1: EXPLORE | Create your R.E.A.L. Portfolio |
| MAT 124M*1 Calculus 1 |  | COS 105 Computer Science 1 | Explore self, careers, \& God's call | or another club or ministry of interest |
| GES 140 Introduction to Wellbeing |  | MAT 125 Calculus 2 | Take a Career Assessment | Consider finding a mentor |
| GES 145 Humanities I: Greco-Roman through Middle Ages |  | GES 244 Humanities III: European Enlightenment and | Research Careers: ${ }^{*}$ Net, Candid Careers, \& informational |  |
| 14 | 4 | 15 | Gain Experience: Part-ime job; Campus Involvement (e.g. |  |
| MILESTONES: Consider study abroad options |  |  |  |  |
| Fall Semester 2 Recommended Courses $\begin{aligned} & \text { Interim Semester 2 }\end{aligned}$ |  |  |  |  |
| MAT 223 Multivariable Calculus | Laboratory Science (D) course | MAT 211 Linear Algebra | PHASE 182: EXPLORE/EXPERIENCE | Continue adding artifacts and reflections to your R.E.A.L. |
| MAT 241 Discrete Mathematics |  | MAT 222 Differential Equations | Finalize major if necessary \& begin gaining experience | Consider taking a leadership position with a student club. |
| COS 212 Computer Science 2 |  | COS 216 Data Structures and Algorithms | Create/update Resume \& Linkedln | Consider going on a spring break mission trip. |
| GES 246 Humanities IV: Modern and Contemporary |  | Second Language (S) course*2 | Build professional network (e.g. informational interviews) |  |
|  |  |  | Attend Spring Career Fair |  |
| 14 | - 4 | 13 | Obtain Internship or relevant job by summer |  |
| MILESTONES: Consider doing an online course over the summer |  |  |  |  |
| Fall Semester 3 Recommended CoursesInterim Semester 3 |  | Spring Semester 3 | Career Planning and Preparation |  |
| MAT 330 Probability and Statistics | Interim Off | MAT 310 Algebraic Structures | PHASE 2: EXPERIENCE | Review your R.E.A.L. Portfolio and prepare to make it public. |
| COS 313 Database Systems |  | MAT 344 Numerical Methods | Use experineces to narrow down career choice \& develop | Consider studying abroad. |
| Science, Technology, and Society (K) course |  | Elective | Participate in Fall \& Spring Recruiting to obtain an internship | Student Life. |
| World Cultures (U) course |  | BUS 317 Business Analytics | Schedule a Mock Interview | Consider being a TA for a favorite class. |
| Cross-Cultural Experience (Z) course |  | Artistic Experience (A) course | Explore Grad Schools \& Take Entrance Exams (e.g. GRE) if |  |
| 12-15 | 0 | 14-17 | Expand Professional Network |  |
| MILESTONE: A minimum 3.2 GPA in your major is a good goal to strive for |  |  |  |  |
|  |  |  | Career Planning and Preparation | R.E.A.L. Experience |
| MAT 376 Operations Research | MAT 499 Foundations of Mathematics | MAT 331 Applied Statistics | PHASE 3: EXECUTE | Continue updating your public R.E.A.L. Portfolio with |
| MAT 422 Real Analysis |  | Electives | Execute an effective job or grad school search | Consider mentoring an underclassman. |
| Interpreting Biblical Themes (J) course |  | COS 334 Data Mining and Machine Learning | Participate in Fall and Spring Recruiting |  |
| Comparative Systems (G) course |  | Contemporary Christian Issues (P) course | Apply for Graduate School if necessary |  |
|  |  | Leisure and Lifetime Sports (Q) course | Expand Professional Network |  |
| 13 | 3 | (16 |  |  |
| Total Credits: 122-128 |  |  |  |  |
| *1. Applied Math choices: choose two: MAT 344 Numerical methods (spring only), MAT 376 Operations Research (fall, odd years), or MAT 331 Applied Statistics (spring, even years). *2. Students must complete through the second semester of a first year language course or equivalent (Check the catalog for details of this option.) |  |  |  |  |
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| Most financial aid packaoes stipulate 12 credit/s/semest | ter: Minnesota state arants are reduced when credit load | falls below 15 credits/semester. (Interim credits mav be | solit between fall and sprina for state arant purooses on |  |

