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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **2021-2022** | **Bachelor of Arts (B.A.) Degree: Mathematics**    **Name:** **ID:** | | | | | | | | |
| **Courses in BOLD are required by this major**  **Courses in regular type are to fulfill general education requirements and DO NOT have to be taken the specific semester stated.**  ***Courses in ITALIC are strongly recommended***  **ALSO REQUIRED FOR GRADUATION**   * **120 credit hours** * **39 Upper division credits** * **2.00 GPA** * **Completion of all major & general education requirements**   **EE = Essencial Education Curriculum** |
| **First Year Fall (’21)** | **EE Goal** | **Sem.**  **Hours** | **Date Met** | **First Year Spring (’22)** | **EE Goal** | **Sem. Hours** | | **Date Met** |
| **MATH1510 Calculus I** | **LO 6 (b)** | **4** |  | **MATH1520 Calculus II** |  | **4** | |  |
| ENGL1110 Discourse I OR  ENGL1120 English Honors | **LO 1 (a)** | **3** |  | **MATH1380 Intro to Stats** | **LO 6 (b)** | **3** | |  |
| History | LO 5 (d) | 3 | |  |
| **CSIT1100 Prin. of Computing** |  | **3** |  | Elective |  | 3 | |  |
| Elective |  | 3 | |  |
| Humanities | LO 5 (b) | 3 |  |  |  |  | |  |
| INTD1100 Critical Thinking in Arts & Sciences\* | **LO 2** | **3** |  |  | | | | |
| **Total Hours** |  |  |  | **Total Hours** |  |  | |  |
| **Notes:** | | | | | | | | |
| **Second Year Fall (’22)** | **EE Goal** | **Sem.**  **Hours** | **Date Met** | **Second Year Spring (’23)** | **EE Goal** | **Sem. Hours** | | **Date Met** |
| **MATH2510 Calculus III** |  | **4** |  | **MATH3340 Linear Algebra+** |  | **3** | |  |
| **MATH2350 Discrete Math** |  | **3** |  | Arts | LO 5 (a) | 3 | |  |
| Science | LO 6 (a) | 3 |  | Ethical Thinking & Action | LO 3 | 3 | |  |
| ENGL2100 Discourse II OR ENGL2120 Honors Discourse II | LO 1 (b) | 3 |  | Elective |  | 3 | |  |
| Elective |  | 3 |  | Elective |  | 3 | |  |
|  | | | |  | | | | |
| **Total Hours** |  |  |  | **Total Hours** |  |  | |  |
| **Notes: Be sure to connect with your faculty advisor early on during the third year to discuss internship opportunities! Internships need to be approved in order to receive academic credit.** | | | | | | | | |
| **Third Year Fall (’23)**  ***(Check your degree audit!)*** | **EE Goal** | **Sem.**  **Hours** | **Date Met** | **Third Year Spring (’24)** | **EE Goal** | | **Sem. Hours** | **Date Met** |
| **\* See Catalog for specific information**  **+Denotes courses offered only every other year** | **MATH3330 Modern Algebra+** |  | **3** |  | **UD Math Elective** (Diff. Eq+) |  | | **3** |  |
| **UD Math Elective** (Probability+) |  | **3** |  | **UD Math Elective** (Num. Analysis+) |  | | **3** |  |
| Global Learning | LO 4 | 3 |  | ENGL3100 Discourse III | LO 1 (c) | | 3 |  |
| Elective |  | 3 |  | Elective |  | | 3 |  |
| Elective |  | 3 |  | UD Elective |  | | 3 |  |
|  | | | |  |  | |  |  |
|  | **Total Hours** |  |  |  | **Total Hours** |  | |  |  |
|  | **Notes:** | | | | | | | | |
|  |
|  | **Fourth Year Fall (’24)**  ***(Apply for graduation!)*** | **EE Goal** | **Sem.**  **Hours** | **Date Met** | **Fourth Year Spring (’25)** | **EE Goal** | **Sem. Hours** | | **Date Met** |
|  | **MATH4370 Math Modeling+** |  | **3** |  | **UD Math Elective** (Real Analysis+) |  | 3 | |  |
|  | **UD Math Elective** (Modern Geometry+) |  | **3** |  | UD Elective |  | 3 | |  |
|  | Social Science | **LO 5 (c)** | 3 |  | UD Elective |  | 3 | |  |
|  | UD Elective |  | 3 |  | Elective |  | 3 | |  |
|  | UD Elective |  |  |  | Elective |  |  | |  |
|  | **Total Hours** |  |  |  | **Total Hours** |  |  | |  |
|  | **Notes:** | | | | | | | | |
|  |
| **\*** Graduation requirement for all first time freshmen  **\*\*** *One additional course from the approved list of natural sciences, social/behavioral sciences or history/political sciences.*  **Students are required to take either CPSC1100 Principles of Computing or CPSC1300 Computer Programming I.**  NOTE: Students majoring in Mathematics must also successfully complete the Mathematics Assessment Exam.  **DISCLAIMER: These plans are to be used as guides only and are subject to changes in curriculum requirements. Refer to your Graceland Catalog for complete and accurate information. Some courses listed on the plans may have prerequisites that have not been stated. The student has the ultimate responsibility for scheduling and meeting the graduation requirements.** | | | | | | | | |
|  |
| **Updated:**  **6/7/2021** |

