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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **2020-2021** | **Bachelor of Arts (B.A.) Degree: Math Major (5-12 Teaching Endorsement)**    ***Graceland’s teacher education program is noted for excellence in providing a technology emphasis, psychological and sociological foundations, and learning theory. Beginning in the sophomore year, course work is balanced by extensive field experiences in both public and private schools.***  **Name:** **ID:** | | | | | | | |
| **Courses in BOLD are required by this major**  **Courses in regular type are to fulfill essential education requirements and DO NOT have to be taken the specific semester stated. If you choose to earn an Essential Education Theme Concentration, you must complete 4 theme-based courses from one of the Essential Education themes.**  ***Courses in ITALIC are strongly recommended***  **ALSO REQUIRED FOR GRADUATION**   * **120 credit hours** * **39 Upper division credits** * **2.75 GPA** * **Completion of all major & essential ed requirements**   **+denotes courses offered only every other year**  **Updated:**  **9/22/2020** |
| **First Year Fall (’20)** | **Learning Outcome** | **Sem Hours** | **Date Met** | **First Year Spring (’21)** | **Learning Outcome** | **Sem Hours** | **Date Met** |
| **MATH1510 Calculus I** | **6b** | **3** |  | **MATH1520 Calculus II** | **6b** | **3** |  |
| ENGL1100 Discourse I OR  HONR1010 Honors 101 | **1a** | **3** |  | **Phys/Bio/Chem/Scie Science** | **6a** | **3** |  |
| ***PSYC1300 Intro to Psych*** | **5c** | ***3*** |  |
| **CSIT1100 Principles of Computing** |  | **3** |  | Essential Education |  | 3 |  |
| INTD1100 Critical Thinking in Arts & Sciences |  | **3** |  | Essential Education |  | 3 |  |
| **MATH1380 Intro to Statistics** |  | **3** |  |  | | | |
| **Total Hours** |  | **15** |  | **Total Hours** |  | **15** |  |
| **Notes: Intro to Ed can be taken the spring semester of the freshman year. This moves Entry Workshop to the fall semester of their sophomore year.** | | | | | | | |
| **Second Year Fall (’21)** | **Learning Outcome** | **Sem**  **Hours** | **Date Met** | **Second Year Spring (’22)** | **Learning Outcome** | **Sem Hours** | **Date Met** |
| **MATH2510 Calculus III** |  | **3** |  | **MATH2520 Calculus IV** |  | **3** |  |
| **American Govt or US History** |  | **3** |  | **EDUC2420 Teacher Ed Entry Wkshp\*** |  | **0** |  |
| ENGL2100 Discourse II OR  HONR2010 Honors 201 | **1b** | 3 |  | **PSYC2250 Dev. Psych** | **5c** | **3** |  |
| **EDUC1400 Intro to Education** |  | **3** |  | **MATH3340+Linear Algebra** |  | **3** |  |
| **EDUC1410 Clinical Lab.** |  | **1** |  | EDUC2100 Technology Apps in Ed | 4 | 3 |  |
| **MATH2350 Discrete Math** |  | **3** |  | Essential Education |  | **3** |  |
| **Total Hours** |  | **16** |  | **Total Hours** |  | **15** |  |
| **Notes: Students who have a 2.5 GPA can petition to take EDUC3580 during the sophomore year or it can also be taken online the summer prior to their junior year.** | | | | | | | |
| **Third Year Fall (’22)**  ***(check your degree audit!)*** | **Learning Outcome** | **Sem**  **Hours** | **Date Met** | **Third Year Spring (’23)** | **Learning Outcome** | **Sem Hours** | **Date Met** |
| **EDUC3590 Ed. Psych & Measurement** |  | **3** |  | **MATH3330 Modern Algebra+** |  | **3** |  |
| **MATH4370 Math Modeling+** |  | **3** |  | **EDUC3520 Gen Sec. Methods & Content Rdng; Should be taken at the same time as MATH3360** |  | **3** |  |
| **UD Math Elective** (Probability) |  | **3** |  | **EDUC3542 Secondary Methods Lab** |  | **1** |  |
| **EDUC2120 Human Relations for Ed.** | **3** | **3** |  | **MATH3360 Meth. Teach Science/Math** |  | **3** |  |
| **EDUC3580 Psych of Excep. Child/Adult** |  | **3** |  | ENGL3100 Discourse III | 1c | 3 |  |
| **Total Hours** |  | **15** |  | **UD Math Elective** (Numerical) |  | 3 |  |
|  |  |  |  | **Total Hours** |  | **16** |  |
| **Notes:** | | | | | | | |
| **Fourth Year Fall (’23)**  ***(apply for graduation!)*** | **Learning Outcome** | **Sem**  **Hours** | **Date Met** | **Fourth Year Spring (’24)** | **Learning Outcome** | **Sem Hours** | **Date Met** |
| **MATH3320 Modern Geometry+** |  | **3** |  | **EDUC4420 Secondary Student Teaching** |  | **14** |  |
| Elective |  | **3** |  |  |  |  |  |
| **EDUC4200 Sec. Classrom Manag.** |  | **3** |  |  |  |  |  |
| **EDUC4100 L.E.P. in Educ.** |  | **2** |  |  |  |  |  |
| **EDUC3720 Practicum** |  | **2** |  |  |  |  |  |
| **Total Hours** |  | **16** |  | **Total Hours** |  |  |  |
| **If the practicum cannot be taken the fall semester of the senior year, it can be taken the two weeks prior to student teaching.** | | | | | | | |
| \*Apply to the Teacher Education Program during EDUC2420 Teacher Education Entry Workshop  **\*\*** *MATH3330 and MATH4370 are alternate year courses that meet in the fall of odd years. Adjust schedule to either junior or senior year.*  **\*\*\*** MATH3320 and MATH3370 are alternate year courses that meet in the fall of even years. Adjust schedule to either junior or senior year.  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.** | | | | | | | |