|  |  |
| --- | --- |
|  | **Bachelor of Arts (B.A.) Degree: Math (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:** |
| **2021-2022****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. Four of these must be theme-based courses from your chosen Essential Education Curriculum theme.*****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.****EE= Essential Education** **Updated:****6/9/2021** |
| **First Year Fall (’21)** | **EE****Learning Outcome** | **Sem. Hours** | **Date Met** | **First Year Spring (’22)** | **EE****Learning Outcome** | **Sem. Hours** | **Date Met** |
| **MATH1510 Calculus I** | **LO 6 (b)** | **4** |  | **MATH1520 Calculus II** | **LO 6 (b)** | **4** |  |
| ENGL1100 Discourse I ORHONR1010 Honors 101 | **LO 1 (a)** | **3** |  | **Phys/Bio/Chem/Scie Science**       | **LO 6 (a)** | **3** |  |
| ***PSYC1300 Intro to Psych*** | **LO 5 (c)** | ***3*** |  |
| **CSIT1100 Principles of Computing** |  | **3** |  | Knowledge of Human Cultures: Art Essential Education       | LO 5 (a) | 3 |  |
| INTD1100 Critical Thinking in Arts & Sciences | **LO 2** | **3** |  | Knowledge of human Cultures: Humanities Essential Education  | LO 5 (b) | 3 |  |
| **MATH1380 Intro to Statistics** |  | **3** |  |  |
| **Total Hours** |  | **16** |  | **Total Hours** |  | **16** |  |
| **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 (’22)** | **EE****Learning Outcome** | **Sem.****Hours** | **Date Met** | **Second Year Spring (’23)** | **EE****Learning Outcome** | **Sem. Hours** | **Date Met** |
| **MATH2510 Calculus III** |  | **4** |  | **EDUC2420 Teacher Ed Ent. Wkshp\*** |  | **0** |  |
| **American Govt or US History**       |  | **3** |  | **PSYC2250 Dev. Psych** | **LO 5 (c)** | **3** |  |
| ENGL2100 Discourse II ORHONR2010 Honors 201 | **LO 1 (b)** | 3 |  | **MATH3340 Linear Algebra+** |  | **3** |  |
| **EDUC1300 Intro to Education** |  | **3** |  | EDUC2100 Technology apps in Ed | LO 4 | **3** |  |
| **EDUC1410 Clinical Lab.** |  | **1** |  | Knowledge of Human Cultures: History Essential Education | LO 5 (d) | 3 |  |
| **MATH2350 Discrete Math** |  | **3** |  | Elective       |  | **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 (’23)*****(check your degree audit!)*** | **EE****Learning Outcome** | **Sem.****Hours** | **Date Met** | **Third Year Spring (’24)** | **EE****Learning Outcome** | **Sem. Hours** | **Date Met** |
| **EDUC3520 Gen Sec. Methods & Content Rdng** |  | **3** |  | **UD Math Elective** (Diff. Eq+) |  | **3** |  |
| **MATH3330 Modern Algebra+** |  | **3** |  | **EDUC3590 Ed. Psych & Measurement** |  | **3** |  |
| **UD Math Elective** (Probability+) |  | **3** |  | **MATH3360 Meth. Teach Science/Math** |  | **3** |  |
| **EDUC2120/3100 Human Relations for Ed.** | **LO 3** | **3** |  | ENGL3100 Discourse III  | LO 1 (c) | 3 |  |
| **EDUC3580 Psych of Excep. Child/Adult**  |  | **3** |  | **UD Math Elective** (Num. Analysis+) |  | 3 |  |
| **Total Hours** |  | **15** |  | **Total Hours** |  | **15** |  |
| **Notes:** |
| **Fourth Year Fall (’24)*****(apply for graduation!)*** | **EE****Learning Outcome** | **Sem.****Hours** | **Date Met** | **Fourth Year Spring (’25)** | **EE****Learning Outcome** | **Sem. Hours** | **Date Met** |
| **MATH4370 Math Modeling+** |  | **3** |  | **EDUC4420 Secondary Student Teaching** |  | **14** |  |
| **MATH3320 Modern Geometry+** |  | **3** |  |  |  |  |  |
| **EDUC4100 L.E.P. in Educ.** |  | **3** |  |  |  |  |  |
| **EDUC3720 Practicum** |  | **2** |  |  |  |  |  |
| **Total Hours** |  | **2** |  |  |  |  |  |
| **If the practicum cannot be taken the fall semester of the senior year, it can be taken the two weeks prior to student teaching.** |  | **16** |  | **Total Hours** |  |  |  |
| \*Apply to the Teacher Education Program during EDUC2420 Teacher Education Entry WorkshopNOTE: 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.** |