|  |  |
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| **2017-2018** | **Bachelor of Arts (B.A.) Degree - Mathematics (5-12 Teaching)*****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 learning requirements and DO NOT have to be taken the specific semester stated.*****Courses in ITALIC are strongly recommended*****+denotes courses offered only every other year****ALSO REQUIRED FOR GRADUATION*** **120 credit hours**
* **39 Upper division credits**
* **2.75 GPA**
* **Completion of all major & essential education learning requirements**
 |
| **First Year Fall** | **EE Outcome** | **Sem Hours** | **Date Met** | **First Year Spring** | **EE Outcome** | **Sem Hours** | **Date Met** |
| **MATH1510 Calculus I** | 6b | **3** |  | **MATH1520 Calculus II** |  | **3** |  |
| ENGL1100 Discourse I ORENGL1120 Honors Discourse I | 1a | **3** |  | Science | 6a | **3** |  |
| **PSYC1300 Introductory Psychology** | 5c | ***3*** |  |
| **MATH1380 Introduction to Statistics** | 6b | **3** |  | Humanities       | 5b | **3** |  |
| **CSIT1100 Principles of Computing** |  | **3** |  | ENGL2100 Discourse II ORENGL2120 Honors Discourse II | 1b | **3** |  |
| INTD1100 Critical Thinking in Arts & Sciences | 2 | **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** | **EE Outcome** | **Sem****Hours** | **Date Met** | **Second Year Spring** | **EE Outcome** | **Sem Hours** | **Date Met** |
| **MATH2510 Calculus III** |  | **3** |  | **MATH2520 Calculus IV** |  | **3** |  |
| Histories       | 5d | **3** |  | **EDUC2420 Teacher Ed Entry Workshop\*\*\*\*** |  | **0** |  |
| **MATH2350 Discrete Math** | 6b | **3** |  | **PSYC2250 Developmental Psych** |  | **3** |  |
| **EDUC1400 Intro to Education** |  | **3** |  | Arts       | 5a | **3** |  |
| **EDUC1410 Clinical Experience Lab** |  | **1** |  | EDUC2100 Technology Apps in Ed |  | **3** |  |
| Global Learning       | 4 | **3** |  | UD Math 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*****(check your degree audit!)*** | **EE Outcome** | **Sem****Hours** | **Date Met** | **Third Year Spring** | **EE Outcome** | **Sem Hours** | **Date Met** |
| **EDUC3590 Ed. Psych & Measurement** |  | **3** |  | **MATH3340 Linear Algebra** |  | **3** |  |
| **MATH3320+ Modern Geometry\*\*** |  | **3** |  | **EDUC3520 Gen Sec. Methods & Content Rdng; Should be taken at the same time as MATH3360** |  | **3** |  |
| **MATH3370+ History of Math\*\*** |  | **3** |  | **MATH3360 Methods Teaching Science/Math** |  | **3** |  |
| **EDUC3100 Human Relations for Ed.** | 3 | **3** |  | **MATH3330+ Modern Algebra\*** |  | **3** |  |
| **EDUC3580 Psych of Excep. Child/Adult**  |  | **3** |  | UD Math Elective**\*\*\***       |  | 3 |  |
| **Total Hours** |  | **15** |  | **Total Hours** |  | **15** |  |
| **Notes:** |
| **Fourth Year Fall*****(apply for graduation!)*** | **EE Outcome** | **Sem****Hours** | **Date Met** | **Fourth Year Spring** | **EE Outcome** | **Sem Hours** | **Date Met** |
| **MATH4370+ Math. Modeling\*** |  | **3** |  | **EDUC4420 Secondary Student Teaching** |  | **14** |  |
| ENGL3100 Discourse III | 1c | 3 |  |  |  |  |  |
| UD Math Elective**\*\*\***       |  | **3** |  |  |  |  |  |
| **EDUC4230 Classroom Management** |  | **3** |  |  |  |  |  |
| **EDUC4100 L.E.P. in Educ.** |  | **3** |  |  |  |  |  |
| **EDUC3720 Practicum** |  | **2** |  |  |  |  |  |
| **Total Hours** |  | **15-17** |  | **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.** |
| **Updated:****8/11/17** | **\****MATH3330 is an alternate year course that meets in the spring of even years, and MATH4370 is an alternate year course that meets 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.\*\*\*Major requires completion of 9 s.h. of upper division math electivesNOTE: Students majoring in Mathematics must also successfully complete the Mathematics Assessment Exams\*\*\*\*Apply to the Teacher Education Program during EDUC2420 Teacher Education Entry Workshop**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.** |