**Deaf Education and Math Course Sequence**

*Courses in bold should be taken in the year/semester indicated.*

*The sequence below may vary. Careful advisement from both a Deaf Education adviser and a math advisor is warranted.*

|  |  |
| --- | --- |
| Fall | Spring |
| Year 1 |
| **First Year Seminar** (FSP) If possible, this should be a course with a global perspective. | **ASL 101 American Sign Language I** |
| MAT 200 Proof Writing through Discrete Mathematics | **DHH 105 Programs & Services for D/HH Students & Their Families**  |
| SLP 102 Language, Speech, Communication Development (should be taken in freshman or sophomore year) | WRI 102 (if needed) or SPE 203 The Psychological Development of Children & Adolescent with Disabilities (This course counts toward the psychology major.) |
| MAT 127 Calculus A | MAT 128 Calculus B |
| **MAT 099 Orientation to Mathematics major** |  |
| Year 2 |
| **ASL 102 American Sign Language II** | **ASL 103 American Sign Language III** |
| **SLP 304 Audiological Assessment and Management of Hearing Loss Introduction to the Measurement of Hearing** (must be taken in freshman or sophomore year) | **MST 202 Methods of Teaching Science, Health and Technology** (must be taken concurrently with MTT 202 and PRIOR to the junior year) |
| LNG 201 Introduction to the English Language (should be taken in freshman or sophomore year) | **MTT 202 Teaching Mathematics** (MAT 200 is a prerequisite; must be taken concurrently with MST 202 and PRIOR to the junior year) |
| MAT 229 Multivariable Calculus | MAT 205 Linear Algebra: Theory and Applications |
| MAT 105 Mathematical Structures & Algorithms for Educators I (\*Students with a GPA of 3.3 or higher may take a 5th course.)  | STA 215 Statistical Inference(\*Students with a GPA of 3.3 or higher may take a 5th course.)  |
| Year 3 |
| **RAL 220 Literacy Strategies, Assessment & Instruction, K-3** | **DHH 350 Communication in Classrooms with Deaf & Hard of Hearing Students** |
| **DHH 303 Language Development in Deaf/HH Individuals** (If possible, DHH majors should complete SLP 102 & LNG 201 prior to enrolling in DHH 303) | MAT 305 Abstract Algebra |
| MAT 301 Number Theory | MAT 316 Probability |
| MAT 255 Perspectives on the Development of Mathematics (only offered in fall semester) | US History (Students should take a 100 or 300 level history course.) |
| \*Students with a GPA of 3.3 or higher may take a 5th course.  | \*Students with a GPA of 3.3 or higher may take a 5th course. |
| Year 4 |
| **DHH 423 Deaf Education Methods Across Educational Settings: Curricular Modifications & Assessment (Students must have current** [**Mantoux clearance**](http://www.tcnj.edu/~wellness/health/tbtesting.html) **prior to this field experience.)** | A science class - SCI 103 or SCI 104 are recommended |
| ECE 102 or RAL 225 or WGS 225 Children's Literature (English majors should consult an English adviser.) | Fine or Performing Arts Class (**not** a literature course) Art, Music, Dance, Theater (check [list](http://www.tcnj.edu/~educat/eece/advising/approvedcourses.html) of approved courses) |
| MAT 351 Geometry | MAT/STA option\*\*\*see attached list |
| **\*\*DFHH 522 Assistive Listening Devices & Auditory Management** (It is highly recommended that students complete SLP 304 prior to taking this course.) | **\*\*DFHH 530 Speech Development in Deaf or Hard of Hearing Individuals** |
|  | \*Students with a GPA of 3.3 or higher may take a 5th course. |
| **Upon completion of all requirements for the Deaf Education Major and for the Second Major as well as for the College's Liberal Learning Program, the BS Degree without Certification is awarded. Students must have a minimum of 32 *undergraduate* units for the BS degree.** |
| Students who have a GPA of 3.0 or higher continue into the graduate portion of the program. Students must complete the online graduate application during the final undergraduate semester. The following additional courses are required for awarding of the MAT Degree.* EDUC 513 Collaboration & Partnerships
* RAL 579 Content Area Literacy or another approved reading/language arts course
* EDUC 614 Creating & Sustaining Classroom Communities
* ESLM 578 Theory & Practice of Teaching ESLM or ESLM 587 Curriculum & Methods for Multilingual Populations or ESL 579 Theory & Practice of Teaching the Bilingual Person in Content Areas
* ELEM 520 Multicultural Social Studies
* DFHH 690 Deaf Education Internship
* DFHH 597 Seminar
* ELEM 690 Elementary Education Internship
* DFHH 700 Comprehensive Exam
 |
| **Awarding of the MAT degree and Certifications in Deaf Education & Elementary Education** |

\*Two or three semesters of 5 courses will be needed if students are to complete the BS degree in 4 years. Two or three courses in summer school would alleviate the need for 5 courses/semester.

\*\*Graduate course which does NOT count toward the BS degree. A GPA of 3.0 or higher is needed.