

Mathematics Education Graduate Program Academic Advisement Worksheet
Middle and High School Education Department, Lehman College

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|-----------------------------|--|---------------------|
| Name: | ID #: | SS (last 4 digits): |
| Lehman email: | Alternative email: | |
| Phone Number: | Cell Phone Number: | |
| 1 st Degree: | Graduate/Matriculated/Non-matriculated/other | |
| 2 nd Degree: | First Term at MHSE: | Graduation Term: |
| Change of Program. New TME: | /Date: | Advisor: |
| Updated on: | | |

M. S. Ed. Program in Mathematics: Grades 7-12 (Traditional)

Plan: MAT-MSED. Subplan: MATH7-12

Leading to Initial and Professional Certification

Sequence 3 (TME 405): non-math majors who do not hold Transition B Certification (42-48 crs)

Prerequisites: Submit scores GRE General Test Scores: _____

Note: College level mathematics courses (grade B minimum average)

| Prerequisites (18 crs. beyond College Algebra) | Fall Year/Grade | Spring Year/Grade | Summer Year/Grade | Check List |
|---|--------------------|----------------------|----------------------|---------------|
| Calculus I (Required) | | | | |
| Calculus II (Required) | | | | |
| Linear Algebra (Required) | | | | |
| Statistics (Required) | | | | |
| History of Math (Required) | | | | |
| MAT: | | | | |

| Core Education Courses (15-18) | Fall Year/Grade | Spring Year/Grade | Summer Year/Grade | Check List |
|---|--------------------|----------------------|----------------------|------------|
| ESC 501: Psychological Foundations of Education (3) | | | | |
| ESC 502: Social Foundations of Education: A Multicultural Perspective (3) | | | | |
| ESC 532: Teaching Mathematics in Middle and High School (3) | | | | |
| ESC 506: Students with Special Needs in the mainstream Classroom (3) | | | | |
| Submit score for EAS: _____ and CST Math 004: | | | | |
| ESC 595: Internship in Middle and High School Teaching (2) AND | | | | |
| ESC 611: Internship Seminar (1) (submit EdTPA: _____) OR | | | | |
| ESC 596: Student Teaching in Middle and High School (3) AND | | | | |
| ESC 612: Student Teaching Seminar (3) (Submit EdTPA: _____) | | | | |

| Advanced Pedagogical Content in Mathematics Education (12) | Fall | Spring | Summer | Check List |
|---|------|--------|--------|------------|
| ESC 740: Teaching Mathematics in Grades 7-10 (3) | | | | |
| ESC 742: Research in Mathematics Education (3) | | | | |
| ESC 748: Teaching Problem Solving in Mathematics in Middle & HS (3) | | | | |
| ESC 749: Teaching Mathematics in Grades 11 & 12 (3) | | | | |

| Mathematics (15) | Fall | Spring | Summer | Check List |
|---|------|--------|--------|------------|
| MAT 601: Secondary School Mathematics from an Advanced Standpoint (3) | | | | |
| MAT 637: Topics in Discrete Mathematics (4) | | | | |
| MAT 604: Applications of the Real and Complex Number Systems (3) | | | | |
| MAT 655: Exploring Mathematics Using Technology (2) | | | | |
| MAT 615: Modern Algebra (3) | | | | |

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| Research Project or Comprehensive Examination (0-3) | Fall | Spring | Summer | Check List |
|---|------|--------|--------|------------|
| Comprehensive Examination (0) | | | | |
| ESC 706: Research in Problems of Teaching a Specialized Subject (1) | | | | |
| ESC 707: Project Seminar (2) (<i>ESC 706 and ESC 707 are co-requisites</i>) | | | | |

| | |
|------------------------------------|------------------------------------|
| Course _____ substitutes for _____ | Course _____ substitutes for _____ |
| Course _____ substitutes for _____ | Course _____ substitutes for _____ |

Important:

Permission for ESC 501, 502, 506, contact Ms. Joi Jones at joi.jones@lehman.cuny.edu

Permissions for the MAT courses contact, Math Department Advisor Dr. Celia Cruz

(celia.cruz@lehman.cuny.edu phone#: [718-960-5606](tel:718-960-5606) in Gillet, Room 211.

Permission for MATH Ed courses contact, Dr. Abi-Hanna and Dr. Cruz, see email address at the bottom of the page.

1. Apply for internship (teaching candidates) (ESC 595/611) **OR** Student-Teaching (ESC 596/612) (Non-teaching) during the previous semester. [CLICK HERE](#) to access the forms
2. **May** graduation dateline: **March 15.**
3. **September** graduation dateline: **April 15.**
4. **January** graduation dateline: **October 15.**
5. Candidates who have completed 50% of their program could be recommended for an INTERNSHIP CERTIFICATE upon nomination for a position by a school principal. NYCDOE also requires EAS and CST (Math). This will allow candidates to work in a full-time job while finishing the program and the certification exams.
6. CST in mathematics, and EAS (after ESC 506) all before student teaching/internship, EdTPA during student teaching/internship. ALL MUST BE PASSED within 3 years. Take all NYSED preparation tests available. Resources in Library 3rd floor, Modules in BB, and workshops. If fail, retake until pass).

Date:

Initials: