

TEACHING (M.A.T.) - ENGINEERING EDUCATION 6-12 (45 HRS.)

Important: This degree plan is effective for those starting this degree program in fall 2025 through summer 2026. This degree plan will remain in effect for students who do not break enrollment or who do not change degree programs, concentrations, or cognates.

As a requirement for completion of this program, including student teaching and passing required licensure tests, the graduate of this program, regardless of state residency, must obtain a VA state teaching license. The VA teaching license may then be used for reciprocity in another state according to the regulations of that state.

| Code | Title | Hours |
|---------------------------------------|---|-----------|
| Initial Education Core Courses | | |
| EDLC 504 | Educational Philosophy and Theories of Learning | 3 |
| EDLC 510 | Instructional Strategies for Diverse Learners | 3 |
| EDLC 606 | Tests and Measurements | 3 |
| EDLC 623 | Principles of Behavior Management | 3 |
| Total Hours | | 12 |

| Code | Title | Hours |
|--------------------------------------|--|----------|
| Engineering Education Cognate | | |
| EDLC 539 | Current Issues in Content Areas ¹ | 3 |
| EDLC 625 | Content Instructional Procedures ^{2,3} | 3 |
| EDUC 668 or EDUC 673 | Mathematics Instruction and Learning for K-8 Curriculum and Methods for Effective Instruction | 3 |
| Total Hours | | 9 |

- ¹ Candidates may choose to take 3 hours of graduate courses in teaching endorsement (BIOL, ENGL, HIST, MATH) instead of EDLC 539.
- ² EDLC 625 must be taken in the same semester as EDLC 688
- ³ Background check clearance required (EDLC 588, EDLC 625, EDLC 656, EDLC 688, EDST 560, EDST 561, EDST 562, EDST 563, EDST 564, EDST 565, EDST 566, EDST 567, EDST 568, EDST 569)

| Code | Title | Hours |
|-----------------------------------|-------|----------|
| Education Elective Courses | | |
| Education Elective ¹ | | 3 |
| Education Elective ¹ | | 3 |
| Education Elective ¹ | | 3 |
| Total Hours | | 9 |

- ¹ Choose one of the following courses: Any 500-600 level EDUC or EDSP course, or any approved graduate elective on the Course Equivalency Guide for Content Competencies not already required by the degree.

| Code | Title | Hours |
|-----------------------------|---------------------------------------|-------|
| Professional Courses | | |
| EDLC 515 | Learning to Read: Theory and Practice | 3 |
| EDLC 571 | Curriculum Fundamentals | 3 |

| Code | Title | Hours |
|--------------------|---|----------|
| EDLC 656 | Literacy Across the Curriculum ^{1,2} | 3 |
| Total Hours | | 9 |

- ¹ Background check clearance required (EDLC 588, EDLC 625, EDLC 656, EDLC 688, EDST 560, EDST 561, EDST 562, EDST 563, EDST 564, EDST 565, EDST 566, EDST 567, EDST 568, EDST 569)
- ² EDLC 656 must be taken in the same semester as EDLC 588

| Code | Title | Hours |
|--|--|----------|
| Gate & Field Experience Courses | | |
| EDGT 520 | School of Education Gate 1 – MAT Initial Licensure | 0 |
| EDGT 560 | School of Education Gate 2 – MAT Initial Licensure | 0 |
| EDGT 580 | School of Education Gate 3 – MAT Initial Licensure | 0 |
| EDLC 588 | Initial Licensure Practicum I ^{1,2} | 0 |
| EDLC 688 | Initial Licensure Practicum II ^{2,3} | 0 |
| Total Hours | | 0 |

- ¹ EDLC 656 must be taken in the same semester as EDLC 588
- ² Background check clearance required (EDLC 588, EDLC 625, EDLC 656, EDLC 688, EDST 560, EDST 561, EDST 562, EDST 563, EDST 564, EDST 565, EDST 566, EDST 567, EDST 568, EDST 569)
- ³ EDLC 625 must be taken in the same semester as EDLC 688

| Code | Title | Hours |
|------------------------------|---|----------|
| Student Teaching | | |
| EDST 585 | The Reflective Practitioner: Resource Seminar-Middle/Secondary | 3 |
| Choose one of the following: | | 3 |
| EDST 560 | Student Teaching - One Placement – Distance ^{1,2} | |
| EDST 561 | Student Teaching - One Placement - Local ^{1,2} | |
| EDST 562 | Student Teaching - Two Placement – Distance ^{1,2} | |
| EDST 563 | Student Teaching - Two Placement - Local ^{1,2} | |
| EDST 564 | Student Teaching – Own Classroom – Distance ^{1,2} | |
| EDST 565 | Student Teaching – Own Classroom – Local ^{1,2} | |
| EDST 566 | Student Teaching - Multiple Endorsement – One placement - Distance ^{1,2} | |
| EDST 567 | Student Teaching - Multiple Endorsement – One placement - Local ^{1,2} | |
| EDST 568 | Student Teaching - Multiple Endorsement - Two placement - Distance ^{1,2} | |
| EDST 569 | Student Teaching - Multiple Endorsement – Two placement – Local ^{1,2} | |
| Total Hours | | 6 |

- ¹ Background check clearance required (EDLC 588, EDLC 625, EDLC 656, EDLC 688, EDST 560, EDST 561, EDST 562, EDST 563, EDST 564, EDST 565, EDST 566, EDST 567, EDST 568, EDST 569)
- ² Candidates will be assigned either EDST 560, EDST 561, EDST 562, or EDST 563, EDST 564, EDST 565, EDST 566, EDST 567, EDST 568, EDST 569. Course and section number will be designated during Gate 3 Application

Notes

- Refer to the Content Competency Chart. Competencies must be met prior to student teaching.
- Candidates seeking licensure as 6-12 or K-12 teachers should have completed a bachelor's degree with a major in the teaching endorsement, or a degree in a related field with courses similar to those required for a bachelor's degree in the teaching endorsement. Candidates must document a minimum of 30 semester hours of content courses including each of the competencies listed for the endorsement. [See Content Competencies for subject area.] In addition, candidates must successfully complete the appropriate Praxis Subject Assessment in the area of endorsement prior to student teaching.
- All practicum courses should be completed before student teaching and students should not complete practicum courses during the summer semester

All applicable prerequisites must be met

Graduation Requirements

- Complete 45 hours
- A maximum of 50% of the program hours may be transferred if approved and allowable, including credit from an earned degree from Liberty University on the same academic level
- 3.0 GPA
- No more than two grades of C may be applied to the degree (includes grades of C+ & C-)
- No grade of D or below may be applied to the degree (includes grades of D+ & D-)
- Degree must be completed within 5 years
- Submission of Degree Completion Application must be completed within the last semester of a student's anticipated graduation date

Program Offered in Online Format

Course Sequence

| Course | Title | Hours |
|------------------------|--|----------|
| First Year | | |
| First Semester | | |
| EDGT 520 | School of Education Gate 1 – MAT Initial Licensure | 0 |
| EDLC 504 | Educational Philosophy and Theories of Learning | 3 |
| EDLC 510 | Instructional Strategies for Diverse Learners | 3 |
| EDGT 560 | School of Education Gate 2 – MAT Initial Licensure | 0 |
| EDLC 623 | Principles of Behavior Management | 3 |
| Hours | | 9 |
| Second Semester | | |
| EDLC 588 | Initial Licensure Practicum I ^{1,2} | 0 |
| EDLC 606 | Tests and Measurements | 3 |
| EDLC 656 | Literacy Across the Curriculum | 3 |
| EDUC 668 or EDUC 673 | Mathematics Instruction and Learning for K-8 or Curriculum and Methods for Effective Instruction | 3 |
| Hours | | 9 |

| Course | Title | Hours |
|-------------------------|---|-----------|
| Second Year | | |
| First Semester | | |
| EDLC 515 | Learning to Read: Theory and Practice | 3 |
| EDLC 539 | Current Issues in Content Areas | 3 |
| EDLC 688 | Initial Licensure Practicum II | 0 |
| Elective ³ | | 3 |
| Hours | | 9 |
| Second Semester | | |
| Elective ³ | | 3 |
| Elective ³ | | 3 |
| Hours | | 6 |
| Third Year | | |
| First Semester | | |
| EDGT 580 | School of Education Gate 3 – MAT Initial Licensure ^{1,2,3} | 0 |
| EDLC 625 | Content Instructional Procedures | 3 |
| EDLC 571 | Curriculum Fundamentals | 3 |
| Hours | | 6 |
| Second Semester | | |
| EDST 56_ ^{1,4} | | 3 |
| EDST 585 | The Reflective Practitioner: Resource Seminar-Middle/Secondary | 3 |
| Hours | | 6 |
| Total Hours | | 45 |

¹ Course should not be taken in the summer semester

² Background check clearance required

³ Course should be taken the semester before student teaching