

ASSESSMENT, CURRICULUM & TEACHING, M.ED. - INTEGRATIVE STEM EDUCATION

The Master of Education in Assessment, Curriculum and Teaching (ACTE) is designed for current teachers who are seeking to advance their professional effectiveness. The program builds five outcomes related to assessment, curriculum and teaching in emerging fields and offers two concentrations: one in Online Teaching, one in STEM Education, and one in Certification. All candidates entering the program must meet all Millersville University graduate entrance requirements. Additionally, all candidates must have Instructional I certification and pass both a written essay and oral interview.

MED Professional Core Requirements

| Code | Title | Hours |
|--------------------------|---------------------------------|----------|
| PROFESSIONAL CORE | | |
| EDFN 601 | Research Methods | 3 |
| EDFN 545 | Advanced Educational Psychology | 3 |
| EDFN 604 | Education and Public Policy | 3 |
| Total Hours | | 9 |

Major in Assessment, Curriculum and Teaching - MED

| Code | Title | Hours |
|---|---|-----------|
| ACTE CORE COURSES | | 6 |
| ACTE 630 | Current Technology for Online Instruction | |
| ACTE 625 | Technology and Assessment for Learning | |
| CONCENTRATION IN STEM EDUCATION - See separate block | | |
| THESIS/CAPSTONE EXPERIENCE | | 6 |
| ACTE 699 | Inquiry for Teaching/Learning | |
| Total Hours | | 12 |

Concentration in STEM Education

| Code | Title | Hours |
|---|--|-----------|
| INTEGRATIVE STEM EDUCATION CONCENTRATION | | |
| ACTE 651 | Science Curriculum and Reform | 3 |
| Mathematics in the School Program or Problem Solving Seminar - Choose 1 of the following: | | 3 |
| EDUC 651 | Math in the School Program | |
| MATH 610 | Problem Solving Seminar | |
| EDTE 604 | Engineering Principles and Concepts for the Non-Engineer | 3 |
| ACTE 655 | Integrative STEM Education | 3 |
| Total Hours | | 12 |