

## Program of Study

### Master of Science (M.S) in Technology for Education and Training

*Students completing this degree program are eligible for the **South Dakota K-12 Technology Integrationist Endorsement***

The 36-hour Master's degree program in TET is designed to prepare leaders who will:

- model the use of instructional technology
- use technology-based tools for systematically gaining access to electronic information resources
- understand learning theories and effective learning models that relate to the use of technology in education
- promote educational change and development through the use of distance learning and other emerging technologies
- access and analyze the uses of technology in all types of instruction
- design and develop multimedia instructional content
- be cognizant of trends and issues in the use of technology for teaching and learning

#### MAJOR FIELD COURSES

| <b>Common Core (shared courses between USD and DSU campuses)</b> |     |                                                       | <b>15Hrs.</b> |
|------------------------------------------------------------------|-----|-------------------------------------------------------|---------------|
| LT                                                               | 712 | PRINCIPLES OF LEARNING FOR INSTRUCTIONAL TECHNOLOGIES | 3             |
| LT                                                               | 716 | SYSTEMATIC DESIGN OF INSTRUCTION                      | 3             |
| LT                                                               | 731 | MULTIMEDIA PRODUCTION                                 | 3             |
| LT                                                               | 741 | DISTANCE LEARNING SYSTEMS AND DESIGN                  | 3             |
| LT                                                               | 785 | RESEARCH METHODS IN EDUCATIONAL TECHNOLOGY            | 3             |

| <b>Other Required Courses</b> |     |                                                                                          | <b>15Hrs.</b> |
|-------------------------------|-----|------------------------------------------------------------------------------------------|---------------|
| TET                           | 553 | PERSONAL & ORGANIZATIONAL TRANSITION AND CHANGE MANAGEMENT                               | 3             |
| TET                           | 732 | EMERGING TECHNOLOGIES IN TEACHING AND TRAINING                                           | 3             |
| TET                           | 794 | INTERNSHIP/FIELD EXPERIENCE                                                              | 3             |
| TET                           | 715 | SOCIOLOGICAL & PHILOSOPHICAL FOUNDATIONS OF EDUCATION<br>IN THE 21 <sup>ST</sup> CENTURY | 3             |
| ELED/<br>SEED                 | 766 | TECHNOLOGY INTERGRATION FOR EFFECTIVE INSTRUCTION                                        | 3             |

#### **Electives:** **6 Hrs.**

Electives will be designed and developed through consultation with the graduate student, the TET Advisor and the Graduate Committee. It is recommended that elective courses have a significant instructional technology component, while still being relevant to the needs and interests of the student.

|                                                            |           |
|------------------------------------------------------------|-----------|
| <b>TOTAL CORE HOURS</b>                                    | <b>15</b> |
| <b>TOTAL REQUIRED PROGRAM HOURS BEYOND THE CORE</b>        | <b>15</b> |
| <b>TOTAL ELECTIVE HOURS</b>                                | <b>6</b>  |
| <b>TOTAL SEMESTER HOURS IN TET MASTER'S DEGREE PROGRAM</b> | <b>36</b> |

#### **Course Schedule and Rotation** *(6 semester schedule)*

The normal course rotation and schedule is based on a Fall Semester start. Students that start their degree program at other times may or may not be able to complete the degree in a normal 6 semester time frame. Students will need to work with their advisor to develop their course of study.

#### Suggested course schedule:

|                      |                           |
|----------------------|---------------------------|
| Fall (Semester 1):   | LT 712 and LT 741         |
| Spring (Semester 2): | LT 716 and LT 785         |
| Summer (Semester 3): | TET 553 and Elective      |
| Fall (Semester 4):   | TET 732 and Elective      |
| Spring (Semester 5): | LT 731 and TET 794        |
| Summer (Semester 6): | TET 715 and ELED/SEED 766 |



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