UNIVERSITY GRADUATE PROGRAMS
COLLEGE OF EDUCATION

MASTER OF ARTS IN EDUCATION
Major in Educational Technology (MAED – EdTech)
(Online Distance Education Program)
Effective SY 2024-2025

Program Description

The MAED-EdTech program aims to empower education students with the expertise needed to seamlessly incorporate technology into educational settings. Through this program, students will gain proficiency in leveraging educational technology across various domains, including curriculum development, pedagogy, classroom management, assessment, instructional design and development, as well as ethical and legal considerations. The program is delivered entirely online, providing students with the flexibility to engage in distance learning while mastering essential skills for effective technology integration in education.

Program Graduate Outcomes (PGO)

Graduates of the MAED-EdTech program are expected to:
1. demonstrate proficiency in integrating technology effectively into curriculum development processes to enhance learning outcomes and promote student engagement;
2. apply innovative technological tools and pedagogical strategies to facilitate dynamic and inclusive classroom environments conducive to active learning and collaboration;
3. utilize diverse assessment methods and digital platforms to evaluate student progress accurately and ethically, while leveraging technology to provide timely feedback and support differentiated instruction;
4. develop instructional materials and digital resources that align with pedagogical principles, learning objectives, and technological affordances to promote interactive and personalized learning experiences;
5. analyze ethical and legal considerations related to technology integration in education;
6. contribute to the body of knowledge in technology-enhanced teaching and learning practices.

Curriculum (36/39 units)

Core (3 units)
    EdTech/Educ 101 – Institutional Heritage (for non-SU graduate)
Basic (9 units)
    EdTech/ED 120 - Principles and Methods of Educational Research
    EdTech/ED 122 - Philosophy and Foundation of Education
    EdTech/ED 126 - Educational Statistics with Computer Application
Major Subjects (15 units)
    EdTech 201 – Integrating Technology into Student-Centered Curriculum
    EdTech 202 - Pedagogical Approaches in Technology-enhanced Teaching and Learning
    EdTech 203 - Digital Instructional Material Development and Resource Management
    EdTech 204 - Assessment Methods in Digital Learning
    EdTech 205 - Ethical and Legal Landscapes in Technology-Enhanced Teaching and Learning
Cognate/Elective (6 units)
    EdTech 206 - Digital Tools for Research & Publication
    EdTech 207 – Mobile Learning
    EdTech 208 - Multimedia Development
    EdTech 209 – Gamification and Game-based Learning
    EdTech 210 – Introduction to Computing & Information Management in Education
    EdTech 211 –Applications Development, Emerging Technologies, and Design Thinking in the Classroom
Thesis (6 units)
    EdTech 212 / ED 250 – Thesis Writing
        Graduating students must choose any of the research areas in educational technology: curriculum development, pedagogy classroom management, assessment, instructional design and development, as well as ethical and legal considerations. The thesis must be at least presented in a local forum.

    Prerequisites:
        1) Comprehensive Exam (to be taken after completion of all academic units)
        2) Attendance to seminar on academic writing (at least 8 hours of seminar)

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Study Plan

First Year
    First Sem   =   12 units (maximum)
    Second Sem   =   12 units (maximum)
Second Year
    First Sem   =   9 units (maximum) with Comprehensive Exam
    Second Sem   =   6 units (Thesis)

Admission Qualifications

a) Applicants must meet one of the following criteria to be accepted into the program:

1. hold a valid teaching license granted by the government (e.g. License Professional Teacher issued by Professional Regulation Commission);
2. hold a BS degree in education or a related field from an accredited college or university;
3. hold a non-education undergraduate degree but completed a minimum of 18 credit units of undergraduate courses in Professional Education. Teaching experience and other forms of equivalency will be determined by the Admission Committee;

b) possess at least an intermediate level of English Proficiency. Applicants from non-English speaking countries who lack proficiency in English are required to undertake an Academic English for Graduate Students (AEGS) equivalent to 18 units before enrolling to MAED-EdTech courses. (click to know more);

c) possess the necessary devices for the entire duration of the program, including a desktop/laptop, camera, headset, and reliable internet connection capable of supporting online classes, particularly during Zoom or Google Meet sessions.

Admission Requirements

Applicants must submit the following pre-admission requirements:

1. Accomplished Graduate Programs Application Form
2. Accomplished Reference Form (2 references)
3. Thesis Concept (Essay)
4. Transcript of Records (scanned copy)

These documents must be submitted through the mySilliman Online Student Portal. Applicants who fulfil all pre-admission requirements will be scheduled for an interview. Accepted applicants are required to submit another set of documents. Refer to this link.

For enrollment procedures, click here https://su.edu.ph/enrollment/
For FAQ and additional information, visit this link https://tinyurl.com/SU-MAED-FAQ

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Course Descriptions

EdTech 201 – Theories, Practices, and Leadership of Educational Technology
This course emphasizes discussing the theories, practices of learning, and the role of educational technology in teaching and learning.

EdTech 202 - Design and Production of Digital Instructional Materials
This course examines instructional design models, methods, and guidelines for technology-enhanced flexible learning. It also discusses the nature, characteristics and frameworks, and organization of open educational resources.

EdTech 203 - Digital Tools and Platforms for Technology-oriented Teaching and Learning
This course is designed to explore digital learning tools and platforms of technology-enhanced flexible learning. The discussion emphasizes the tools and platforms for synchronous, asynchronous, bi-chronous and other forms of digital delivery such as blended learning, flipped classroom, hybrid learning, hy-flex learning, and gamification.

EdTech 204 – Classroom Management, Student Engagement, and Assessment in Digital Learning
This course discusses the dynamics and types of student interaction, along with ways and means, challenges, and mitigation in ensuring student engagement in technology-enhanced flexible learning. Likewise, it discusses the forms and types of assessment applicable in technology-enhanced flexible learning and the strategies and techniques, the dos and don'ts in assessing student performance. It also discusses issues and challenges in academic integrity in online distance assessment.

EdTech 205 - Social and Professional Issues in Technology-enhanced Teaching and Learning
This course tackles computer ethics and social and professional issues in technology-enhanced flexible learning. It also provides seminar opportunities on current trends in educational technology.

EdTech 206 - Digital Tools for Research and Publication
This course explores digital tools in the conduct of research and writing. This course aims to enhance competencies and skills in using digital technologies during the literature review, data collection, and manuscript writing. The course will also equip the education students with the recent trends in indexing and online visibility to improve citation indexes.

EdTech 207 – Mobile Learning
This course helps students gain a thorough understanding of the various ways that mobile technologies can be used in teaching and learning as well as the impact of mobile computing in the field of education. Students will be able to put best practices for teaching with mobile technology into practice and consider how mobile computing challenges conventional times and locations for learning.

EdTech 208 - Multimedia Development
This course explores the use of multimedia applications in Teaching and learning. The course equips the student with the skills to develop interactive multimedia applications which combine audio, video, text, animation, and still images.

EdTech 209 – Gamification and Game-based Learning

This course focuses on the techniques, tools, and teaching strategies for gamifying teaching and learning. Students are expected to articulate the types of gamification and game-based learning. It emphasizes integrating processes to gamify content, teaching delivery, assessment, and other classroom activities.

EdTech 210 – Introduction to Computing & Information Management in Education

This course is an appreciation of computing in teaching and learning, knowledge of the key components of computer systems, programming constructs and algorithms, and database management systems applied in the educational setting.

EdTech 211 - Applications Development, Emerging Technologies, and Design Thinking in the Classroom

This course introduces the theories and principles behind the development of applications using the web, mobile, and emerging technologies, emphasizing requirements management, interface design, usability, testing, and deployment in the academic setting. It also equips students with designing thinking skills in technology-enhanced flexible learning.

Other Guidelines

1. **Modality:** The MAED-EdTech program is fully delivered online, employing synchronous and asynchronous teaching modalities with flipped and micro-learning strategies. Each class is required to have at least three synchronous sessions (Prelim, Midterm, Final). Every synchronous session, students must switch on their video.
2. **Class Schedule:** The class schedule is structured with time slots arranged after office hours (5:00 pm, Philippine Time), during Saturday or Sunday afternoons (Philippine Time). This arrangement aims to prevent conflicts during synchronous sessions.
3. **Software Applications Needed:** All classes will utilize mySOUL LMS, a MOODLE-based learning management system (LMS). Synchronous sessions will be conducted via Zoom or Google Meet, Chat Messaging of mySOUL will serve as the official communication system. A chatbot is available within mySOUL LMS for assistance. Additionally, an official email address (@su.edu.ph) will be provided to all students.
4. **Language of Instruction:** The medium of instruction is English.
5. **Earned Units from Another University to be credited to the program:** A maximum of twelve (12) units, excluding the Thesis or its equivalent, may be transferred from another university for the MAED-EdTech program. Only courses with a grade of at least 90% may be credited. The transfer of credits is contingent upon the recommendation by the MAED-EdTech Coordinator and approval by the College of Education Dean and University Graduate Programs Dean.
6. **mySilliman Online Student Portal:** All students have access to mySilliman, a site where you can view and select class schedules, view grades, view account ledger, among others. Your login credential to access the site was sent to your email when you were accepted to SU. Please check your email for the username and password. mySilliman is different from mySOUL LMS. Read here for the guidelines.
7. **Thesis Concept:** The submission of a Thesis Concept is a prerequisite for admission to the program. It entails a proposed plan for the thesis, providing students with insight into the research framework of the program. This document will serve as an academic roadmap for students as they progress through the program, guiding them towards the successful completion of their studies. Read the research framework of MAEd-EdTech program.
8. **Micro-credentialing:** Micro-certificates may be honored based on the evaluation conducted by the MAED-EdTech evaluation team.
9. **Contact:** Send an email to soul@su.edu.ph with the subject line "MAED-EdTech - [Your Inquiry]." You can call us at +6335 4226002 LOC 419. Visit our Facebook account at https://www.facebook.com/SillimanOUL for additional information and updates.

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