EMERGING MEDIA ARTS

Description
The emerging media arts major fuses the principles of great storytelling with emerging media technologies. Through project-based courses, students explore the frontiers of media art in all its forms. The degree prepares students to build careers as practitioners of narrative-driven creativity using traditional and emerging media.

Graduates will enter the working world prepared to pursue an array of professional fields, with the tools to discern and exploit the latest media technologies and processes. Students are prepared for careers as creative thought leaders, equipped with tangible skills in collaboration, entrepreneurship, design, and computational processes. This depth of experience allows the student to chart career paths in traditional media forms and whatever comes next.

Degree at a Glance

<table>
<thead>
<tr>
<th>Requirement Type</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACE Requirements</td>
<td>30</td>
</tr>
<tr>
<td>Core Requirements</td>
<td>48</td>
</tr>
<tr>
<td>Emphasis Requirements</td>
<td>24</td>
</tr>
<tr>
<td>Transdisciplinary Specialization</td>
<td>9</td>
</tr>
<tr>
<td>Electives</td>
<td>9</td>
</tr>
<tr>
<td><strong>Total Credit Hours</strong></td>
<td><strong>120</strong></td>
</tr>
</tbody>
</table>

Admission
Students must apply for admission to the emerging media arts program by completing an application, which includes references, a resume, and examples of creative work. This application applies to both new students and transfer students. Those who are applying for transfer into the program must complete the application and provide grade transcripts demonstrating a 3.0 current and cumulative GPA or higher. Students should visit the Johnny Carson School of Theatre and Film website for information and application procedures.

After the application materials have been reviewed by the faculty, students will be notified of their acceptance status. Once admitted, the student must maintain a 3.0 cumulative GPA from that point forward and complete a portfolio review during the sophomore year. Admission to the emerging media arts major is highly competitive; the Johnny Carson School of Theatre and Film reserves the right to limit the total number of students accepted to the program.

College Requirements

College Admission
Requirements for admission to the Hixson-Lied College of Fine and Performing Arts are consistent with general University admission requirements. These include:

- English (4 units)
- Mathematics (4 units)
- Social studies (3 units)
- Natural sciences (3 units)
- Foreign language (2 units)

NOTE: One unit equals one year of high school credit.

One of the following performance standards must also be met:
New Freshmen: Minimum ACT 20 (composite), minimum SAT 950 (combined), or rank in top half of high school graduating class.

Transfer and Readmit Students: Completed 12 or more semester credits from a post-secondary institution with a minimum cumulative GPA 2.0 and GPA 2.0 during the last semester of record at the time of application. (Emerging media arts majors: minimum cumulative GPA 3.0 and GPA 3.0 during the last semester of record at the time of application.)

International Students: Minimum TOEFL 70 (Internet) or 523 (paper).

Individual departments may have higher standards for acceptance into the different degrees and options. Please check with the individual departments for these standards.

Auditions
Auditions are required for admission to the Glenn Korff School of Music for music and dance majors and minors. Auditions are also required for admission to the Johnny Carson School of Theatre and Film for the BA Performance option. A separate application and portfolio review are required for admission into all other programs in the Johnny Carson School of Theatre and Film.

Admission Deficiencies/Removal of Deficiencies
Students who are admitted through the Admission by Review process with core course deficiencies will have certain conditions attached to their enrollment at Nebraska. These conditions are in this catalog under “Removal of Deficiencies.”

Students with one deficiency, two deficiencies but not in the same category, or two deficiencies in foreign language who receive a Deferred Admission or Admission by Review, may be considered for admission to the college. Students who are admitted through the Admission by Review process with core course deficiencies will have certain conditions attached to their enrollment at Nebraska. These conditions are explained under Admission to the University, Removal of Deficiencies in this catalog.

College Degree Requirements

College General Education Requirements

Foreign Languages/Language Requirement
The languages requirement serves to help students gain a working familiarity with a language and a culture other than their own.

All students pursuing bachelor of arts or bachelor of music degrees are required to complete the intermediate level in one foreign language. Some or all of these courses may be completed while in high school. Courses approved to satisfy the languages requirement are offered by the Department of Classics and Religious Studies and the Department of Modern Languages and Literatures in the College of Arts and Sciences, and the Department of Speech-Language Pathology and Audiology in the College of Education and Human Sciences. A student is required to successfully complete 202 to fulfill the languages requirement.

(Exceptions: In Japanese, a student must complete JAPN 201 Second-Year Japanese I and one additional course from JAPN 202 Intermediate Grammar and Reading I, JAPN 203 Second-Year Japanese II, and JAPN 204 Intermediate Grammar and Reading II; in Greek, the student must complete 300-level courses; in Latin, a student must take LATN 301 Latin Prose I and LATN 302 Latin Poetry I.) Instruction is currently available in Arabic, Chinese, Czech, French, German, Greek,
NOTE:

- A student who has completed three years of one foreign language study in high school may fulfill the languages requirement by taking a fourth-semester-level course.
- A student who has completed the fourth-year level of one foreign language in high school is exempt from the languages requirement.
- Any student who achieves a specified scaled score in the College Level Examination Program (CLEP) subject exam in French, German, and Spanish, levels 1 and 2, will be exempt from the languages requirement and will also receive credit for the fourth semester course in the language.
- A transfer student with 11 or 12 semester hours of accepted credit has two choices: 1) to complete 6 hours in the same language at the 200 level; or 2) with permission of the chair of the department to enroll in a fourth semester course in the language.
- A student from a foreign country who has demonstrated acceptable proficiency in his or her native language (other than English) is exempted from the languages requirement without credit toward the degree. American students who present acceptable evidence that their second language is English are exempted from the languages requirement without credit toward the degree. All such students should see the Dean's Office, 102 Woods Art Building, for this exemption.

Minimum Hours Required for Graduation

A minimum of 120 semester hours of credit is required for graduation from the Hixson-Lied College of Fine and Performing Arts. Students in the College are required to maintain a minimum current and cumulative GPA of 2.0. Individual departments may require a higher current and cumulative GPA.

Grade Rules

C- and D Grades

The College will accept no more than 15 semester hours of D grades from schools outside of the University of Nebraska system.

Grades lower than C earned at Nebraska or transferred from other schools cannot be applied toward requirements in a major, but may be applied toward total hours.

Pass/No Pass

University regulations for the Pass/No Pass privilege state: The Pass/No Pass option is designed to be used by a student seeking to expand his/her intellectual horizons by taking courses in areas where he/she may have minimum preparation without adversely affecting his/her grade point average.

1. Neither the P nor the N grade contribute to a student's GPA.
2. P is interpreted to mean C or above. Some professional education courses require a C+ or above.
3. A change to or from Pass/No Pass may be made until mid-term (1/2 of the course). This date coincides with the final date to drop a course without the instructor’s approval.
4. The Pass/No Pass or grade registration cannot conflict with the professor’s, department’s, college, or University policy governing grading option.
5. Prior to the mid-term deadline, changing to or from the Pass/No Pass requires using the MyRED system to change the grading option or filing a Drop/Add form with Husker Hub, first floor Canfield Administration Building. After the mid-term deadline, a student registered for Pass/No Pass cannot change to a grade registration unless the Pass/No Pass registration is in conflict with a professor’s, department’s, college, or University policy governing Pass/No Pass.
6. The Pass/No Pass grading option cannot be used for the removal of C- or D or F grades.

Pass/No Pass privileges in the Hixson-Lied College of Fine and Performing Arts are extended to students according to the following additional regulations:

1. Pass/No Pass hours can count toward fulfillment of ACE requirements up to the 24-hour maximum.
2. Freshmen and sophomores may enroll for no more than 6 hours of Pass/No Pass work per semester.
3. Students may not elect to take courses on a Pass/No Pass basis to fulfill degree requirements in the major. Departments may allow up to 6 hours of Pass/No Pass to be taken in the minor offered by the Hixson-Lied College of Fine and Performing Arts.
4. Departments may specify that certain courses can be taken only on a Pass/No Pass basis.
5. The College will permit no more than a total of 24 semester hours of Pass/No Pass grades to be applied toward degree requirements. This total includes all "pass" grades earned at Nebraska and other schools.

Individual departments vary in their policies regarding Pass/No Pass hours as applied to the major and minor. Consult the individual departmental listings for these policies. Students who wish to apply Pass/No Pass hours to their major and minor(s) must obtain approval on a form that is available in the Dean's Office, 102 Woods Art Building.

GPA Requirements

Students are expected to maintain a minimum 2.0 grade point average each semester. Some programs within the College may have higher GPA requirements to keep in good academic standing.

Transfer Credit Rules

Ordinarily, hours earned at an accredited college are accepted by the University. The College, however, will evaluate all hours submitted on an application for transfer and reserves the right to accept or reject any of them. The maximum number of hours the University will accept on transfer from a two-year college is 60.

Normally, credit is not given for pre-university work. In some instances, however, it may be possible to receive credit through satisfactory examination.

All transfer students must complete the Residency Requirement (see "Residency Requirement"), and at least 9 hours in the major field must be completed at the University regardless of the number of hours transferred.

The Hixson-Lied College of Fine and Performing Arts will accept no more than 15 semester hours of D grades from schools other than UNO or UNK. All grades may be transferred from UNO or UNK. However, transfer courses within a student’s major or minor will be evaluated by that unit and held to the same minimum grade standards as courses taken at the University of Nebraska-Lincoln.

Hebrew, Japanese, Latin, Russian, Spanish, and American Sign Language. View the College page for a full listing of approved courses.

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Transfer Credit from Foreign Institutions
Credit for courses taken at foreign universities and colleges will be transferred only after validation by the appropriate department. This evaluation may include examination of the student over subject matter studied at the foreign institution.

International Baccalaureate Credit
Students who have studied art, music, or theatre within the International Baccalaureate Program will be given credit for courses at the University of Nebraska–Lincoln according to the guidelines established by each academic unit. Contact the department office for specific course information.

Course Level Requirements
Upper-Level Requirement: Thirty of the 120 semester hours of credit must be in courses numbered above 299.

Residency
Students must meet either of the following residency qualifications:

• At least 30 of the last 36 hours of credit must be registered for and completed while enrolled at the University of Nebraska–Lincoln.
• A total of 90 credits must be registered for and completed while enrolled at the University of Nebraska–Lincoln.

Credit earned during education abroad may be used toward degree requirements if students participate in prior approved programs and register through the University of Nebraska–Lincoln. Credit awarded from an institution other than Nebraska will be subject to transfer credit and residency rules.

ACE Requirements
All students must fulfill the Achievement Centered Education (ACE) requirements. Information about the ACE program may be viewed at ace.unl.edu (https://ace.unl.edu).

Catalog Rule
Students who first enroll at Nebraska under the 2020-2021 Undergraduate Catalog must fulfill the requirements stated in this catalog or in any other catalog which is published while they are enrolled in the College, provided the catalog they follow is no more than ten years old at the time of graduation. A student must, however, meet the requirements from one catalog only rather than choosing a portion from one catalog and the remainder from another.

Exception: Students pursuing any degree in the Glenn Korff School of Music who fail to take at least one course that will fulfill their major requirements during a 12-month period must re-audition. They will then move to the catalog in effect at that time.

Learning Outcomes
Graduates of emerging media arts will be able to:

1. Develop fluency in the techniques and technologies of digital art and design, interactive and immersive media, cinematic media, and storytelling.
2. Demonstrate familiarity with computation and creative coding and its application to the creation of emerging media art forms.
3. Understand and apply the core concepts of storytelling across traditional and emerging media arts platforms.
4. Develop an understanding of goal-centric collaboration and creative development through project-based learning.
5. Understand and apply best practices in emerging media production workflows.
6. Acquire working knowledge of entrepreneurial practices applicable to emerging media business model development.
7. Expand their knowledge in disciplines beyond emerging media arts and understand how emerging media arts can be applied to storytelling in these disciplines.

Major Requirements
Core Requirements

<table>
<thead>
<tr>
<th>Core Courses</th>
<th>Course Number</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>EMAR 99</td>
<td>Ignite: Undergraduate Colloquium (8 semesters required)</td>
<td>8</td>
<td></td>
</tr>
<tr>
<td>EMAR 110</td>
<td>Story Lab I</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>EMAR 111</td>
<td>Story Lab II</td>
<td>3</td>
<td></td>
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<tr>
<td>EMAR 120</td>
<td>Games, Play and Performance</td>
<td>3</td>
<td></td>
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<tr>
<td>EMAR 140</td>
<td>Visual Expression Studio I</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>EMAR 141</td>
<td>Visual Expression Studio II</td>
<td>3</td>
<td></td>
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<tr>
<td>EMAR 160</td>
<td>Computation and Media Studio I</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>EMAR 161</td>
<td>Computation and Media Studio II</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>EMAR 220</td>
<td>History of Media Arts</td>
<td>3</td>
<td></td>
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<tr>
<td>EMAR 230</td>
<td>3</td>
<td></td>
<td></td>
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<tr>
<td>EMAR 251</td>
<td>Sound Lab</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>EMAR 331</td>
<td>Innovation Studio I</td>
<td>3</td>
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<tr>
<td>EMAR 332</td>
<td>Innovation Studio II</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>EMAR 479</td>
<td>Capstone Project in Emerging Media Arts (2 semesters required)</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>PHIL 107</td>
<td>Ethics of Emerging Media Arts</td>
<td>3</td>
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</tr>
<tr>
<td>ENTR 121</td>
<td>Introduction to Entrepreneurial Management</td>
<td>3</td>
<td></td>
</tr>
</tbody>
</table>

Credit Hours Subtotal: 48

Emphases
Students will complete two emphases of their choice. Each emphasis contains four courses for a total of 24 credits.

Experience Design
- EMAR 342 Principles of Interactivity
- EMAR 345
- EMAR 443
- EMAR 444

Immersive + Interactive Media
- EMAR 342 Principles of Interactivity
- EMAR 343
- EMAR 440 Creating Virtual Worlds
- EMAR 442

Cinematic Arts
- EMAR 250 Cinema Production I
- EMAR 252 Cinema Production II
- EMAR 311 Narrative Storytelling

Select one ENGL course in film studies

Story
EMAR 311 Narrative Storytelling
EMAR 341
EMAR 342 Principles of Interactivity
ENGL 282 Introduction to Fiction Writing

Sensory Media
ECEN 121 Introduction to Electrical Engineering I
ECEN 211 Elements of Electrical Engineering I
ECEN 494 Electrical Engineering Capstone I
ECEN 495 Capstone II

Virtual Production
EMAR 282 Digital Modeling I
EMAR 382
EMAR 283
EMAR 383

Sonic Arts
EMAR 345
EMAR 360 Media Sound Design I
EMAR 463
EMAR 464

Data + Art
EMAR 345
EMAR 348
EMAR 349
EMAR 445

Transdisciplinary Specialization
Three courses in a chosen discipline outside of Emerging Media Arts

Additional Major Requirements

Grade Rules
C- and D Grades
Minimum grade for all major requirements is C.

Pass/No Pass
All courses taken for major requirements must be for letter grade, unless the course is only offered Pass/No Pass.

GPA Requirements
Students in the emerging media arts major are expected to maintain a 3.0 cumulative GPA throughout their career. Transcripts will be reviewed periodically to ensure satisfactory progress. Failure to maintain a 3.0 GPA may result in dismissal from the program.

Transfer Credit used in Major Requirements
A minimum of 9 credits in the major must be completed at Nebraska.

EMAR 110 Story Lab I
Prerequisites: Major in Emerging Media Arts.
Description: Introduction to storytelling across multiple media platforms. Development of storytelling craft and technique. Critical analysis of story structure for media production.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Grading Option: Graded
Offered: FALL
Prerequisite for: EMAR 111
ACE: ACE 7 Arts

EMAR 111 Story Lab II
Prerequisites: EMAR 110 with grade of C or better
Description: Continuation of concepts presented in Story Lab I. Introduction to the writing methods that are fundamental to media arts creation.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Grading Option: Graded
Offered: SPRING
Prerequisite for: EMAR 311

EMAR 120 Games, Play and Performance
Prerequisites: Emerging Media Arts major
Description: Experiential-based exploration of live performance, game creation and group collaboration as a model for project development and iterative practices.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Grading Option: Graded
Offered: FALL/SPR

EMAR 140 Visual Expression Studio I
Prerequisites: Major in Emerging Media Arts
Description: The elements, principles and practices of design as a storytelling language.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Grading Option: Graded
Prerequisite for: EMAR 141; EMAR 251
ACE: ACE 2 Communication Competence

EMAR 141 Visual Expression Studio II
Prerequisites: EMAR 140 with grade of C or better
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Grading Option: Graded
Offered: SPRING
Prerequisite for: EMAR 250; EMAR 281; EMAR 282; EMAR 440
EMAR 160 Computation and Media Studio I  
**Prerequisites:** Major in Emerging Media Arts.  
**Description:** Development of computation and computer science skills and knowledge in context of emerging media arts.  
**Credit Hours:** 3  
**Max credits per semester:** 3  
**Max credits per degree:** 3  
**Grading Option:** Graded  
**Offered:** FALL  
**Prerequisite for:** EMAR 161  
ACE: ACE 3 Math/Stat/Reasoning

EMAR 161 Computation and Media Studio II  
**Prerequisites:** EMAR 160 with grade of C of better  
**Description:** Continuation of topics and projects developed in Computation and Media Studio I.  
**Credit Hours:** 3  
**Max credits per semester:** 3  
**Max credits per degree:** 3  
**Grading Option:** Graded  
**Offered:** SPRING

EMAR 220 History of Media Arts  
**Prerequisites:** Emerging Media Arts major  
**Description:** A critical history of communication and media from oral storytelling to modern digital media.  
**Credit Hours:** 3  
**Max credits per semester:** 3  
**Max credits per degree:** 3  
**Grading Option:** Graded  
**Offered:** SPRING

EMAR 250 Cinema Production I  
**Prerequisites:** EMAR 141  
**Description:** Introduction to the tools and aesthetics of the moving image. Fundamentals of digital cinema cameras, lenses, lighting and editing. Production of experimental and non-sync films.  
**Credit Hours:** 3  
**Max credits per semester:** 3  
**Max credits per degree:** 3  
**Grading Option:** Graded  
**Offered:** FALL  
**Prerequisite for:** EMAR 252

EMAR 251 Sound Lab  
**Prerequisites:** EMAR 140 with grade of C or better  
**Description:** Introduction to sound and audio as a design element in traditional and emerging media art projects.  
**Credit Hours:** 3  
**Max credits per semester:** 3  
**Max credits per degree:** 3  
**Grading Option:** Graded  
**Offered:** FALL  
**Prerequisite for:** EMAR 360

EMAR 252 Cinema Production II  
**Prerequisites:** EMAR 250  
**Description:** Advanced techniques and projects in the production of narrative cinema.  
**Credit Hours:** 3  
**Max credits per semester:** 3  
**Max credits per degree:** 3  
**Grading Option:** Graded  
**Offered:** SPRING  
**Prerequisite for:** THEA 415, THEA 815; THEA 426, THEA 826; THEA 484, THEA 884; THEA 485, THEA 885; THEA 486, THEA 886; THEA 488; THEA 496; THEA 838, THEA 438

EMAR 281 Digital Visual Effects  
**Prerequisites:** EMAR 141  
**Description:** Compositing, Rotoscoping, and 3D simulations.  
**Credit Hours:** 3  
**Max credits per semester:** 3  
**Max credits per degree:** 3  
**Grading Option:** Graded  
**Offered:** SPRING

EMAR 282 Digital Modeling I  
**Prerequisites:** EMAR 141  
**Description:** Basics of 3D modeling and textures.  
**Credit Hours:** 3  
**Max credits per semester:** 3  
**Max credits per degree:** 3  
**Grading Option:** Graded  
**Offered:** SPRING

EMAR 311 Narrative Storytelling  
**Prerequisites:** EMAR 111  
**Description:** Primary exploration of written format, character development, story structure, conflict and problem solving particular to visual storytelling.  
**Credit Hours:** 3  
**Max credits per semester:** 3  
**Max credits per degree:** 3  
**Grading Option:** Graded  
**Offered:** FALL  
**Prerequisite for:** THEA 486, THEA 886

EMAR 331 Innovation Studio I  
**Prerequisites:** Emerging Media Arts major and junior standing  
**Description:** First semester of a year-long, faculty guided exploration of a topic or theme via creation of wide-ranging emerging media projects.  
**Credit Hours:** 3  
**Max credits per semester:** 3  
**Max credits per degree:** 3  
**Grading Option:** Graded  
**Offered:** FALL/SPR  
**Prerequisite for:** EMAR 332

EMAR 332 Innovation Studio II  
**Prerequisites:** EMAR 331  
**Description:** Second semester of a year-long, faculty guided exploration of a topic or theme via creation of wide-ranging emerging media projects.  
**Credit Hours:** 3  
**Max credits per semester:** 3  
**Max credits per degree:** 3  
**Grading Option:** Graded  
**Offered:** FALL/SPR

EMAR 342 Principles of Interactivity  
**Prerequisites:** Major in Emerging Media Arts  
**Description:** Introduction to how humans and non-humans inform systems design for both physical and digital worlds. Principles, foundations, and ethics of meaningful interaction design.  
**Credit Hours:** 3  
**Max credits per semester:** 3  
**Max credits per degree:** 3  
**Grading Option:** Graded  
**Offered:** FALL
EMAR 360 Media Sound Design I
Prerequisites: EMAR 251
Description: Advanced production and post-production tools and workflow used in sound design for the moving image.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Grading Option: Graded
Offered: SPRING

EMAR 391 Special Topics in Emerging Media Arts
Prerequisites: Major in Emerging Media Arts and Permission.
Description: Varied topics in Emerging Media Arts.
Credit Hours: 1-3
Min credits per semester: 1
Max credits per semester: 3
Max credits per degree: 24
Grading Option: Graded

EMAR 440 Creating Virtual Worlds
Prerequisites: EMAR 141
Description: Creating VR experiences using 3D software and game engines.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Grading Option: Graded
Offered: SPRING

EMAR 479 Capstone Project in Emerging Media Arts
Crosslisted with: THEA 479
Prerequisites: Emerging Media Arts major and senior standing
Description: Supervised planning and production of thesis projects in emerging media arts.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 6
Grading Option: Graded
Offered: FALL/SPR
ACE: ACE 10 Integrated Product

EMAR 495 Internship in Emerging Media Arts
Prerequisites: Sophomore standing and permission.
Description: Structured internships with professional companies, organizations or individuals on or off campus.
Credit Hours: 1-3
Min credits per semester: 1
Max credits per semester: 3
Max credits per degree: 6
Grading Option: Graded

PLEASE NOTE
This document represents a sample 4-year plan for degree completion with this major. Actual course selection and sequence may vary and should be discussed individually with your college or department academic advisor. Advisors also can help you plan other experiences to enrich your undergraduate education such as internships, education abroad, undergraduate research, learning communities, and service learning and community-based learning.