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

ACE Requirements 30
Core Requirements 48
Emphasis Requirements 24
Transdisciplinary Specialization 9
Electives 9
Total Credit Hours 120

Major Department 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, a 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 2.0 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 acceptance 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 two 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, Hebrew, Japanese, Latin, Omaha Native Language, Russian, Spanish,
and American Sign Language. View the College page for a full listing of approved courses.

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.
- 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 the Office of the University Registrar, 107 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.

**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 2019-2020 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 degree requirements during a 12-month period must apply for re-admission. They are then required to move to the new catalog and fulfill the requirements in effect at the time of readmission.

**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**

<table>
<thead>
<tr>
<th>Core Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>EMAR 99 Ignite: Undergraduate Colloquium (8 semesters required)</td>
</tr>
<tr>
<td>EMAR 110 Story Lab I</td>
</tr>
<tr>
<td>EMAR 111 Story Lab II</td>
</tr>
<tr>
<td>EMAR 120 Games, Play and Performance</td>
</tr>
<tr>
<td>EMAR 140 Visual Expression Studio I</td>
</tr>
<tr>
<td>EMAR 141 Visual Expression Studio II</td>
</tr>
<tr>
<td>EMAR 160 Computation and Media Studio I</td>
</tr>
<tr>
<td>EMAR 161 Computation and Media Studio II</td>
</tr>
<tr>
<td>EMAR 220 (From Greeks to Geeks)</td>
</tr>
<tr>
<td>EMAR 230 (World Ready)</td>
</tr>
<tr>
<td>EMAR 251 Sound Lab</td>
</tr>
<tr>
<td>EMAR 331 Innovation Studio I</td>
</tr>
<tr>
<td>EMAR 332 Innovation Studio II</td>
</tr>
<tr>
<td>EMAR 479 Capstone Project in Emerging Media Arts (2 semesters required)</td>
</tr>
<tr>
<td>PHIL (Ethical Principles of Emerging Media Arts)</td>
</tr>
<tr>
<td>ENTR 121 Introduction to Entrepreneurial Management</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 (Meaningful Interactions)
- EMAR 345 (Smart Environments)
- EMAR 443 (Themed Entertainment)
- EMAR 444 (Extended Theatre)

**Immersive + Interactive Media**
- EMAR 342 (Meaningful Interactions)
- EMAR 343 (Web and Mobile System Design)
- EMAR 440 (Building Virtual Worlds)
- EMAR 442 (Building Augmented Worlds)

**Cinematic Arts**
- EMAR 311 (Narrative Storytelling)
EMAR 482  (Film Production I)
EMAR 489  (Film Production II)
ENGL  (Selected course in film studies)

**Story**
EMAR 311  (Narrative Storytelling)
EMAR 341  (Storyworlds)
EMAR 342  (Meaningful Interactions)
ENGL 252  Introduction to Fiction Writing

Credit Hours Subtotal: 3

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

Credit Hours Subtotal: 11

**Virtual Production**
EMAR 282  (Digital Modelling I)
EMAR 382  (Digital Modelling II)
EMAR 283  (Digital Rigging and Motion I)
EMAR 383  (Digital Rigging and Motion II)

**Sonic Arts**
EMAR 345  (Smart Environments)
EMAR 360  (Sonic Media I)
EMAR 463  (Spatial and Interactive Sound)
EMAR 464  (Sonic Media II)

**Data + Art**
EMAR 345  (Smart Environments)
EMAR 348  (Data Visualization)
EMAR 349  (Machine Learning for Artists)
EMAR 445  (Creative Machines)

**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 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
Format: LEC
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 or 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
Format: LEC
Offered: SPRING

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
Format: LEC

EMAR 331 Innovation Studio I
Prerequisites: EMAR 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
Format: SDO
Offered: FALL/SPR

EMAR 332 Innovation Studio II
Prerequisites: EMAR 393.
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
Format: SDO
Offered: FALL/SPR

EMAR 391 Special Topics in Emerging Media Arts
Prerequisites: Major in Emerging Media Arts.
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
Format: LEC

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
Format: LEC
Offered: FALL/SPR
ACE: ACE 10 Integrated Product

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.