

Student Learning Outcomes

Guiding Principles & Assessment Processes

Guiding Principles

1. The university recognizes that the primary motive for academic assessment is to improve student learning.
2. The assessment of student learning should be meaningful to all stakeholders:
 - Students will be better positioned to take responsibility for their own learning if educational goals and objectives are clearly defined and measured.
 - The University of Northern Iowa is accredited by the Higher Learning Commission. A primary component of achieving accreditation is evidence of an active program of assessment of student learning within all academic and co-curricular programs.
 - Assessment provides faculty and staff with a forum to discuss student learning.
3. Faculty/staff are expected to be active participants in assessment activities.
4. Programs will engage in the continuous direct assessment of student learning.
5. The process of assessment begins with the establishment of measurable student learning outcomes (SLOs).

Assessment Processes

Program faculty will demonstrate student achievement by engaging in the following four step continuous assessment process:

1. Identify measurable student learning outcomes.
2. Intentionally and systematically measure the SLOs using direct assessment methods.
 - **Note:** *While indirect assessment (or indirect evidence) of student learning can provide a program with useful information, it cannot be the sole evidence used to student learning and does not meet HLC requirements.*
3. Analyze the assessment results pertaining to the outcome being measured.
4. Provide evidence that assessment results are being used to improve student learning.

Programs will ensure that each learning outcome is assessed at least once within academic program review or program accreditation cycles.

UNI Student Learning Outcomes (SLO)

Critical Thinking

Graduates will demonstrate critical thinking through the ability to evaluate, analyze, and integrate information from a variety of sources in order to develop reasoned positions and solutions to problems.

Communication

Graduates will display competence in oral, written, and visual communication, as appropriate for their discipline.

Program Content Knowledge

Graduates will demonstrate discipline-specific knowledge and skills in their major fields of study.

Additionally, graduate and undergraduate programs have outcomes specific to their programs and degree offerings. We maintain that students are better positioned to take responsibility for their own learning if educational goals and objectives are clearly defined and measured. Program-specific student learning outcomes (SLOs) can be accessed via the links below.

Alphabetical listing by departments

Department of Accounting

- **Undergraduate Majors (B.A.)**
 - Accounting
- **Graduate Major (Mace)**
 - Master of Accounting

Department of Applied Engineering & Technical Management

- **Undergraduate Majors (B.S.)**
 - Automation Engineering Technology
 - Construction Management
 - Electrical Engineering Technology (EET)
 - Manufacturing Engineering Technology
 - Technology and Engineering Education-Teaching
- **Undergraduate Majors (B.A.)**
 - Graphic Technology
 - Technology Management
- **Graduate Major (M.S.)**
 - Technology

Applied Human Sciences, School of

- **Undergraduate Majors (B.A.)**
 - Family Services
 - Gerontology (also listed in Interdisciplinary section)
 - Interior Design
 - Textile and Apparel
- **Graduate Major (M.A.)**
 - Counseling
 - Clinical Mental Health Counseling
 - School Counseling

Department of Art

- **Undergraduate Major (B.F.A.)**
 - Art: Studio B.F.A.

Student Learning Outcomes

- **Undergraduate Majors (B.A.)**
 - Art-Studio Emphasis
 - Art-Art History Emphasis
 - Art Education-Teaching
 - Graphic Design
- **Graduate Major (M.A.)**
 - Art Education

Department of Biology

- **Undergraduate Major (B.S.)**
 - Biology
 - Environmental Science (also listed in Department of Earth and Environmental Sciences)
- **Undergraduate Majors (B.A.)**
 - Biology
 - Biology: Biomedical Emphasis
 - Biology: Ecology, Evolution and Organismal Biology Emphasis
 - Biology-Teaching
 - Combined B.A./M.S. or B.S./M.S. Program Biology
 - Environmental Resource Management (also listed in Department of Geography, Department of Earth and Environmental Sciences, Department of Health, Recreation and Community Services)
- **Graduate Major (M.S.)**
 - Biology

Department of Chemistry and Biochemistry

- **Undergraduate Majors (B.S.)**
 - Biochemistry
 - Chemistry
- **Undergraduate Majors (B.A.)**
 - Biochemistry
 - Chemistry
 - Chemistry-Teaching

Department of Communication Sciences and Disorders

- **Undergraduate Major (B.A.)**
 - Communication Disorders
- **Graduate Major (M.A.)**
 - Speech-Language Pathology

Department of Communication and Media

- **Undergraduate Majors (B.A.)**
 - Communication (Liberal Arts)
 - Communication-Theatre-Teaching (also listed in Department of Theatre)
 - Communication/Digital Media
 - Communication/Public Relations
 - Interactive Digital Studies

- Political Communication (also listed in Department of Political Science)
- **Graduate Major (M.A.)**
 - Communication and Media

Department of Computer Science

- **Undergraduate Majors (B.S.)**
 - Computer Science
 - Networking and System Administration
- **Undergraduate Majors (B.A.)**
 - Computer Science

Department of Curriculum and Instruction

- **Undergraduate Majors (B.A.)**
 - Early Childhood Education-Teaching
 - Elementary Education-Teaching (K-6 General Classroom Teacher)
 - Middle Level Education Dual Major-Teaching
- **Graduate Majors (M.A.)**
 - Learning Technologies and Instructional Design
 - School Library Studies
- **Graduate Majors (M.A.E.)**
 - Early Childhood Education
 - Elementary Education
 - Literacy Education
- **Graduate Major (Ed.D.)**
 - Doctor of Education: Curriculum and Instruction intensive study area

Department of Earth and Environmental Sciences

- **Undergraduate Majors (B.S.)**
 - Environmental Science (also listed in Department of Biology)
- **Undergraduate Majors (B.A.)**
 - Earth Science
 - Earth Science-Teaching
 - Environmental Resource Management (also listed in Department of Biology, Department of Geography, and Department of Health, Recreation and Community Services)
 - Environmental Science

Department of Economics

- **Undergraduate Major (B.A.)**
 - Economics

Department of Educational Psychology, Foundations, and Leadership Studies

- **Graduate Majors (M.A.)**
 - Teacher Leadership for International Educators
 - Postsecondary Education: Student Affairs
- **Graduate Majors (M.A.E.)**
 - Educational Psychology: Context and Techniques of Assessment
 - Principalship
- **Graduate Major (Ed.S.)**

- Specialist in Education: School Psychology
- **Graduate Major (Ed.D.)**
 - Doctor of Education
 - Educational Leadership intensive study area
 - Postsecondary Education: Student Affairs intensive study area

Department of Finance

- **Undergraduate Majors (B.A.)**
 - Finance
 - Real Estate

Department of Geography

- **Undergraduate Major (B.S.)**
 - Geographic Information Science
- **Undergraduate Major (B.A.)**
 - Environmental Resource Management (also listed in Department of Biology, Department of Earth and Environmental Sciences, Department of Health, Recreation and Community Services)
 - Geography
- **Graduate Major (M.A.)**
 - Geography

Department of Health, Recreation and Community Services

- **Interdisciplinary**
 - **Undergraduate Major (B.A.)**
 - Environmental Resource Management (also listed in Department of Biology, Department of Geography, and Department of Earth and Environmental Sciences)
- **Athletic Training**
 - **Undergraduate Major (B.A.)**
 - Athletic Training and Rehabilitation Studies
 - **Graduate Major (M.ATR.)**
 - Master of Athletic Training
- **Public Health**
 - **Undergraduate Major (B.A.)**
 - Public Health
- **Recreation, Tourism and Nonprofit Leadership**
 - **Undergraduate Major (B.A.)**
 - Recreation, Tourism and Nonprofit Leadership
 - **Graduate Major (M.A.)**
 - Community Health and Recreation
- **College of Education**
 - **Graduate Major (Ed.D.)**
 - Doctor of Education: Allied Health, Recreation and Community Services intensive study area

Department of History

- **Undergraduate Majors (B.A.)**
 - History-Liberal Arts
 - History-Teaching
- **Graduate Major (M.A.)**
 - History

Interdisciplinary Programs (under the supervision and jurisdiction of a college or several colleges, several departments, or committees)

- **Undergraduate Majors (B.A.)**
 - Business Teaching Major (requirements listed in College of Business Administration)
 - General Studies Major
 - Gerontology Major (also listed in School of Applied Human Sciences)
 - Individual Studies Major
 - Interactive Digital Studies Major (requirements listed in Department of Communication Studies)
 - Liberal Studies, Bachelor of
- **Undergraduate Majors (B.A.S.)**
 - Managing Business and Organizations (Continuing Education and Special Programs)
- **Graduate Majors (M.A.)**
 - Interdisciplinary Studies
 - Philanthropy and Nonprofit Development
 - Women's and Gender Studies (also listed in College of Social and Behavioral Sciences)
- **Graduate Major (M.B.A.)**
 - Master of Business Administration (also listed in College of Business Administration)

Department of Kinesiology

- **Undergraduate Majors (B.A.)**
 - Physical Education-Teaching
 - Movement and Exercise Science
- **Graduate Major (M.A.)**
 - Physical Education

Department of Languages and Literatures

- **Undergraduate Majors (B.A.)**
 - English
 - English-Teaching
 - Spanish
 - Spanish-Teaching
 - Teaching English to Speakers of Other Languages (TESOL)
 - Teaching English to Speakers of Other Languages (TESOL)-Teaching
 - TESOL/Modern Language-Teaching
- **Graduate Majors (M.A.)**
 - English
 - Teaching English in Secondary Schools
 - Teaching English to Speakers of Other Languages (TESOL)
 - TESOL/Modern Language

Student Learning Outcomes

Department of Management

- **Undergraduate Majors (B.A.)**
 - Business Analytics
 - Management
 - Management Information Systems
 - Supply Chain Management

Department of Marketing and Entrepreneurship

- **Undergraduate Majors (B.A.)**
 - Marketing

Department of Mathematics

- **Undergraduate Majors (B.A.)**
 - Mathematics
 - Mathematics-Statistics/Actuarial Science
 - Mathematics-Teaching
- **Graduate Majors (M.A.)**
 - Mathematics
 - Mathematics
 - Secondary Teaching
 - Community College Teaching
 - Mathematics for the Elementary and Middle Grades (K-8)
- **Graduate Major (P.S.M)**
 - Industrial Mathematics

Music, School of

- **Undergraduate Major (B.A.)**
 - Music
- **Undergraduate Majors (B.M.)**
 - Composition-Theory
 - Music Education
 - Performance
- **Graduate Major (M.A.)**
 - Music
- **Graduate Majors (M.M.)**
 - Composition
 - Conducting
 - Jazz Pedagogy
 - Music Education
 - Music History
 - Performance
 - Piano Performance and Pedagogy

Department of Philosophy and World Religions

- **Undergraduate Majors (B.A.)**
 - Philosophy
 - Study of Religion

Department of Physics

- **Undergraduate Majors (B.S.)**
 - Physics
- **Undergraduate Majors (B.A.)**

- Physics
- Physics-Teaching

Department of Political Science

- **Undergraduate Majors (B.A.)**
 - Political Communication (also listed in Department of Communication Studies)
 - Political Science-Liberal Arts
 - Public Administration
- **Graduate Majors (M.P.P.)**
 - Master of Public Policy

Department of Psychology

- **Undergraduate Major (B.A.)**
 - Psychology
- **Graduate Major (M.A.)**
 - Psychology

Science Education

- **Undergraduate Majors (B.A.)**
 - Comprehensive Secondary Science Teaching
 - Middle-Level Science Teaching Dual
- **Graduate Major (M.A.)**
 - Science Education

Social Science

- **Undergraduate Majors (B.A.)**
 - Social Science-Teaching-Plan A - Specialist
 - Social Science-Teaching-Plan B - All Social Science
 - Social Science-Teaching-Plan C - Basic
- **Graduate Major (M.A.)**
 - Social Science

Department of Social Work

- **Undergraduate Major (B.A.)**
 - Social Work
- **Graduate Major (M.S.W.)**
 - Social Work

Department of Sociology, Anthropology, and Criminology

- **Undergraduate Majors (B.A.)**
 - Anthropology
 - Criminology
 - Sociology
- **Undergraduate Majors (B.A.S.)**
 - Criminal Justice
 - Tactical Emergency Services with Vulnerable Populations (also listed in Interdisciplinary section)

Department of Special Education

- **Graduate Majors (M.A.E.)**
 - Special Education

Department of Theatre

- **Undergraduate Majors (B.A.)**
 - Communication-Theatre-Teaching (also listed in Department of Communication Studies)
 - Theatre