

UNIVERSITY STUDIES (U ST)

Courses primarily for undergraduates:

U ST 101: First Year Seminar I

(1-0) Cr. 1. F.S.

Prereq: Acceptance/participation in appropriate learning community or special program.

Orientation to the university focusing on student transition, acclimation to university, exposure to campus resources, and student success strategies. Exploration of topical issues associated with specific learning community or program focus. Offered on a satisfactory-fail basis only.

U ST 101A: First Year Seminar I: Hixson Scholars

(1-0) Cr. 1. F.S.

Prereq: Acceptance/participation in appropriate learning community or special program.

Orientation to the university focusing on student transition, acclimation to university, exposure to campus resources, and student success strategies. Exploration of topical issues associated with specific learning community or program focus. Offered on a satisfactory-fail basis only.

U ST 101B: First Year Seminar I: MVP Award

(1-0) Cr. 1. F.S.

Prereq: Acceptance/participation in appropriate learning community or special program.

Orientation to the university focusing on student transition, acclimation to university, exposure to campus resources, and student success strategies. Exploration of topical issues associated with specific learning community or program focus. Offered on a satisfactory-fail basis only.

U ST 101C: First Year Seminar I: Science Bound

(1-0) Cr. 1. F.S.

Prereq: Acceptance/participation in appropriate learning community or special program.

Orientation to the university focusing on student transition, acclimation to university, exposure to campus resources, and student success strategies. Exploration of topical issues associated with specific learning community or program focus. Offered on a satisfactory-fail basis only.

U ST 101D: First Year Seminar I: Student Athlete Experience

(1-0) Cr. 1. F.S.

Prereq: Acceptance/participation in appropriate learning community or special program.

Orientation to the university focusing on student transition, acclimation to university, exposure to campus resources, and student success strategies. Exploration of topical issues associated with specific learning community or program focus. Offered on a satisfactory-fail basis only.

U ST 101E: First Year Seminar I: Student Support Services Program

(1-0) Cr. 1. F.S.

Prereq: Acceptance/participation in appropriate learning community or special program.

Orientation to the university focusing on student transition, acclimation to university, exposure to campus resources, and student success strategies. Exploration of topical issues associated with specific learning community or program focus. Offered on a satisfactory-fail basis only.

U ST 102: First Year Seminar II

(1-0) Cr. 1. S.

Prereq: U St 101 or instructor permission.

Acceptance/participation in appropriate learning community. Continued exploration of university services, strategies for student success, leadership, and acclimation to university. Exploration of issues associated with learning community focus. Offered on a satisfactory-fail basis only.

U ST 102A: First Year Seminar II: MVP Award

(1-0) Cr. 1. S.

Prereq: U St 101 or instructor permission.

Acceptance/participation in appropriate learning community. Continued exploration of university services, strategies for student success, leadership, and acclimation to university. Exploration of issues associated with learning community focus. Offered on a satisfactory-fail basis only.

U ST 102B: First Year Seminar II: Science Bound

(1-0) Cr. 1. S.

Prereq: U St 101 or instructor permission.

Acceptance/participation in appropriate learning community. Continued exploration of university services, strategies for student success, leadership, and acclimation to university. Exploration of issues associated with learning community focus. Offered on a satisfactory-fail basis only.

U ST 104: Personal Career Development

(2-0) Cr. 2. F.S.

Comprehensive approach to personal career development providing students with the skills and structure to make informed choices about their major and career path. Self-exploration of interests, skills, values, and personality as related to the world of work using a variety of techniques; exploration of majors and occupations; model for major and career decision-making and career goal implementation; exposure to effective job search and interviewing skills and resources.

U ST 105: Carver Academy Seminar: Freshmen

(1-0) Cr. 1. F.

Prereq: Acceptance in Carver Academy Program, George Washington Carver scholarship recipient

Orientation to the university for Carver Academy students focusing primarily on transition and acclimation to the university environment. Individual and group identity development. Life and legacy of George Washington Carver. Offered on a satisfactory-fail basis only.

Meets U.S. Diversity Requirement

U ST 106: Carver Academy Seminar: Freshmen

(1-0) Cr. 1. S.

Prereq: Acceptance in Carver Academy Program, George Washington Carver scholarship recipient

Introduction for Carver Academy students to resources at ISU to supplement classroom learning. Exploration of multicultural communities and leadership opportunities at ISU. Offered on a satisfactory-fail basis only.

Meets U.S. Diversity Requirement

U ST 201: WiSE Success Seminar

(1-0) Cr. 1. F.S.

Prereq: Participation in Women in Science and Engineering Sophomore or Transfer Learning Community.

Exploration of individual leadership styles, career opportunities, personal values as they relate to career possibilities, and issues facing women in the workplace. Offered on a satisfactory-fail basis only.

U ST 205: Carver Academy Seminar: Peer Mentors

(1-0) Cr. 1. F.

Prereq: U ST 106, intended primarily for sophomores

Leadership and peer mentor training for Carver Academy students who will be serving as peer mentors in Carver Academy. Definitions and analysis of diversity in academia. Academic portfolio preparation and career exploration. Offered on a satisfactory-fail basis only. Meets U.S. Diversity Requirement

U ST 207: Science Bound Pre-Professional Seminar

(1-0) Cr. 0.5. Repeatable, maximum of 4 times. F.S.

Prereq: 102B or instructor permission

Seminar topics prepare sophomore and upper-class students to pursue research and internship experiences in science, technology, engineering and math fields. Offered on a satisfactory-fail basis only.

U ST 290: Independent Study

Cr. arr.

Prereq: Permission of the associate provost for academic programs

Independent study on topics of an interdisciplinary nature. Intended primarily for freshmen and sophomores.

U ST 301: McNair Program: Introduction to Research I

(2-0) Cr. 2. F.

Prereq: Acceptance to the Iowa State University McNair Program

Introduction to academic research focusing on the initial stages of research with lessons on how to define a research idea, formulate a research question or hypothesis, gather, critique, analyze and synthesize the literature on the subject of inquiry, and understand and be able to apply a number of methodologies to gather data.

U ST 302: McNair Program: Introduction to Research II

(2-0) Cr. 2. S.

Prereq: U ST 301

Continuation of research preparation focusing on methodologies and the relevance to specific research questions, data collection and analysis processes, and scientific research writing and presentation. Lessons on how to determine appropriate methodology and design a scientific protocol, gather and analyze data, and understand findings so as to effectively report and present findings and conclusions.

U ST 311: Leaders Seminar I

(1-0) Cr. 1. Repeatable.

For students serving as peer mentor first-year seminar leaders under faculty supervision. Development of course facilitation and peer leadership skills. Offered on a satisfactory-fail basis only.

U ST 311A: Leaders Seminar I: Leaders in Hixson Seminar

(1-0) Cr. 1. Repeatable.

For students serving as peer mentor first-year seminar leaders under faculty supervision. Development of course facilitation and peer leadership skills. Offered on a satisfactory-fail basis only.

U ST 311B: Leaders Seminar I: Leaders in MVP Seminar

(1-0) Cr. 1. Repeatable.

For students serving as peer mentor first-year seminar leaders under faculty supervision. Development of course facilitation and peer leadership skills. Offered on a satisfactory-fail basis only.

U ST 311C: Leaders Seminar I: Leaders in Strengths Seminar

(1-0) Cr. 1. Repeatable. F.

For students serving as peer mentor learning community leaders under faculty supervision. Development of peer mentor abilities through an understanding of personal strengths and how strengths interact with leadership style. Exploration of connections between strengths and mentor role will be coupled with learning community peer mentor training to interweave identified strengths with those of the students they serve. Offered on a satisfactory-fail basis only.

U ST 312: Leaders Seminar II

(1-0) Cr. 1. Repeatable.

Prereq: U ST 311

For students serving as leaders in Hixson Seminar or MVP Seminar under faculty supervision. Development of course facilitation and peer leadership skills. Offered on a satisfactory-fail basis only.

U ST 312A: Leaders Seminar II: Leaders in Hixson Seminar

(1-0) Cr. 1. Repeatable.

Prereq: U ST 311

For students serving as leaders in Hixson Seminar or MVP Seminar under faculty supervision. Development of course facilitation and peer leadership skills. Offered on a satisfactory-fail basis only.

U ST 312B: Leaders Seminar II: Leaders in MVP Seminar

(1-0) Cr. 1. Repeatable.

Prereq: U ST 311

For students serving as leaders in Hixson Seminar or MVP Seminar under faculty supervision. Development of course facilitation and peer leadership skills. Offered on a satisfactory-fail basis only.

U ST 315: Cyclone Aide Leaders Seminar

(3-0) Cr. 2. Repeatable, maximum of 4 credits. S.

Prereq: Selection as Cyclone Aide or Cyclone Aide Adviser

Development of public speaking, group facilitation, and peer leadership skills. Exploration of issues associated with student transition to college, university organizational structures, and processes associated with student matriculation. Offered on a satisfactory-fail basis only.

U ST 321: NCORE Scholars: Race and Ethnicity in the U.S

(2-2) Cr. 3. F.

Prereq: Selection as an NCORE Student Scholar and attendance at NCORE.

Exploration of issues of race and ethnicity in the United States.

Meets U.S. Diversity Requirement

U ST 401: McNair Senior Seminar I

(1-0) Cr. 1. F.

Prereq: Intended for second year McNair participants

Comprehensive approach to choosing and applying to graduate school including drafting and finalizing the personal and research essay, understanding graduate funding, preparing for the grad interview, standardized exam preparation, and conversations with faculty and graduate students. Offered on a satisfactory-fail basis only.

U ST 402: McNair Senior Seminar II

(1-0) Cr. 1. S.

Prereq: U ST 401

Continuation of graduate school preparation focusing on transitioning, navigating the critical first year, succeeding in graduate school through to the completion of the PhD, and conversations with faculty and graduate students. Offered on a satisfactory-fail basis only.

U ST 490: Independent Study

Cr. arr. Repeatable.

Prereq: Permission of the associate provost for academic programs

Independent study on topics of an interdisciplinary nature. Intended primarily for juniors and seniors.