

J-3-g. Integrated Studies - ISEM 101 Integrative Seminar (3 cr), ISEM 301 Great Issues (1 cr), and Senior Experience. The purpose of these courses is to provide students with the tools of integrative thinking, which are critical for problem solving, creativity and innovation, and communication and collaboration. Integrated learning is the competency to attain, use, and develop knowledge from a variety of disciplines and perspectives, such as the arts, humanities, sciences, and social sciences, with disciplinary specialization (to think divergently, distinguishing different perspectives), and to incorporate information across disciplines and perspectives (to think convergently, re-connecting diverse perspectives in novel ways). It is a cumulative learning competency, initiated as a first-year student and culminating as reflected in a graduating senior.

One course from ISEM 101 (open to first-year students only). One credit of ISEM 301. One course chosen from the approved Senior Experience courses listed below.*

Approved Senior Experience Courses:

AGEC 478	Advanced Agribusiness Management	3 cr
AGED 471	Senior Capstone in Agricultural Education	1 cr
AGED 498	Internship	1-10 cr - Max 10 cr
ANTH 410	Research Methods in Anthropology	3
ARCH 454	Architectural Design: Vertical Studio	6 cr - Max 12 cr
ART 410	Professional Practices	2 cr
ART 490	BFA Art/Design Studio	6 cr - Max 12 cr
ART 491	Information Design	3 cr
ART 495	BFA Senior Thesis	2 cr - Max 4 cr
AVS 450	Issues in Animal Agriculture	1 cr
BE 478	Engineering Design I	3 cr
BE 479	Engineering Design II	3 cr
BE 491	Senior Seminar	1 cr
BIOL 401	Undergraduate Research	1-4 cr - Max 8 cr
BIOL 405	Practicum in Anatomy Laboratory Teaching	2-4 cr - Max 8 cr
BIOL 407	Practicum in Biology Laboratory Teaching	2-6 cr - Max 12 cr
BIOL 408	Practicum in Human Physiology Laboratory Teaching	2-4 cr - Max 8 cr
BIOL 411	Senior Capstone	2 cr
BIOL 491	Practicum in Teaching	2 cr
BIOL 495	Research in Molec/Cell/Dev Biology	1-16 cr
BIOL 496	Research in Ecology and Evolution	1-16 cr
BIOL 497	Research in Anatomy and Physiology	1-16 cr
BUS 490	Strategic Management	3 cr
CE 494	Senior Design Project	3 cr
CHE 452	Environmental Management and Design	1-16 cr
CHE 454	Chemical Process Analysis and Design II	3 cr
CHEM 409	Proseminar	1 cr
CS 481	CS Senior Capstone Design II	3 cr
ECE 481	EE Senior Design II	3
ECE 483	Computer Engineering Senior Design II	3
ECON 490	Economic Theory and Policy	3 cr

ENGL 440	Client-Based Writing	3 cr
ENGL 490	Senior Seminar	3 cr
EDCI 401	Internship Seminar	1
EDCI 485	Secondary Internship	15
ENT 438	Pesticides in the Environment	3 cr
ENVS 497	Senior Research	2-4 cr - Max 4 cr
FCS 401	Professional Ethics and Practice in CFCS	1 cr
FCS 424	Apparel Product Line Development: Senior Capstone	4 cr
FCS 432	Apparel Promotion and Merchandising	3 cr
FCS 486	Nutrition in the Life Cycle	3 cr
FCS 497	Internship Preschool	1-16 cr - Max 16 cr
FISH 418	Fisheries Management	4 cr
FISH 473	ECB Senior Presentation	1 cr
FISH 495	Fisheries Seminar	1 cr
FL 401	MLC International Experience	1 cr
FOR 424	Silviculture Principles and Practices	4 cr
FOR 427	Prescribed Burning Lab	3 cr
FOR 473	ECB Senior Presentation	1 cr
FS 489	Food Product Development	3 cr
GEOG 493	Senior Capstone in Geography	3 cr
GEOL 490	Field Geology II	3 cr
HIST 401	Seminar	1-16 cr
ID 452	Interior Design VI	6 cr
INDT 484	Industrial Technology Capstone I	3cr
INTR 401	Career and Leadership Development	2 cr
IS 495	International Studies Senior Seminar	3 cr
JAMM 448	Law of Mass Media	3
LARC 480	The Resilient Landscape	3 cr
MATH 415	Cryptography	3 cr
ME 424	Mechanical Systems Design I	3 cr
ME 426	Mechanical Systems Design II	3 cr
MUSA 490	Half Recital	0 cr
MUSA 491	Recital	0 cr
MUSC 481	Senior Thesis in Music Theory II	1 cr
MUSC 490	Senior Recital	0 cr
MUSH 481	Senior Thesis in Music History II	1 cr
MUST 432	Practicum: Music Teaching	11 cr
MVSC 486	Healthy Active Lifestyle Assessment and Intervention	3 cr
NRS 473	ECB Senior Presentation	1 cr
NRS 475	Conservation Planning and Management	4 cr
ORGS 410	Capstone Project in Organizational Sciences	1-6 cr - Max 6 cr
PEP 498	Internship in Exercise Science & Health	1-16 cr
PHIL 490	Senior Seminar	3 cr
PHYS 407	Communicating Science	1 cr

PHYS 492	Senior Research	1 cr
POLS 490	Senior Experience	3 cr
PSYC 415	History and Systems of Psychology	3 cr
REC 498	Internship in Recreation, Sport, and Tourism	1-16 cr
REM 456	Integrated Rangeland Management	3
REM 473	ECB Senior Presentation	1 cr
RMAT 473	ECB Senior Presentation	1 cr
RMAT 495/MKTG 495	Product Development and Brand Management	3 cr
SOC 460	Capstone: Sociology in Action	3 cr
SOC 461	Capstone:Justice Policy Issues	3 cr
SOC 462	Senior Practicum	3 cr
SOC 464	Criminology Abroad	3 cr
THE 483	Senior Capstone Project	2 cr
VTD 457	Capstone Design Studio I	6
WLF 473	ECB Senior Presentation	1 cr
WLF 492	Wildlife Management	4 cr

Within the J-3-e, J-3-f, J-3-g categories, students must complete a total of 18 credits.