

COURSE DESCRIPTIONS

The course descriptions are arranged first in alphabetical order according to course prefix reflecting the department or discipline of the course. Some courses are cross-listed, indicating that they are offered in two or more departments or disciplines. Within each of the prefix groups, the course descriptions are arranged by course number. Numbers 100-299 are courses intended primarily for freshmen and sophomores. Numbers 300-499 are courses intended primarily for juniors and seniors; numbers 490-498 are seminar, project, or special topics courses; number 499 is for undergraduate research.

Courses numbered 500 - 600 are taught at the Masters level and most are available to advanced undergraduates. Doctoral courses are numbered 700 - 899. Graduate courses numbered at the 500 and 700 levels are letter graded (A+ through F), while 600 and 800 level courses are S/U graded. Courses regularly letter graded (A+ through F) may not be taken for S/U grading by graduate students. Courses numbered in the 900 series are open to College of Veterinary Medicine students.

A typical course description shows the prefix, number, and title followed by prerequisite, credit and offering information. Prerequisites are courses or levels of achievement that a student is expected to have completed successfully prior to enrolling in a course. Corequisites are courses which should be taken concurrently by students who have not previously completed the Corequisites. Prerequisites or Corequisites for a given course may be waived by the instructor of the course or section. It is the student's responsibility to satisfy prerequisites, or obtain from the instructor written waiver of prerequisites, for any course in which he or she may enroll. Failure to satisfy prerequisites may result in removal from enrollment in the course. Consent of the department is required for all practicum and individual special topics or special problems courses as well as internships and thesis or dissertation research. Some courses also have restrictive statements, such as "Credit in both MA 141 and MA 131 is not allowed." Restrictive statements for a given course may be waived only by a college dean.

An example of credit information is: 4(3-2-1). The 4 indicates the number of semester hours credit awarded for satisfactory completion of the course. The (3-2-1) normally indicates that the course meets for three hours of lecture or seminar each week and for two hours of laboratory, and one hour of problem or studio each week. Some courses are offered for variable credit, and a listing of 1-6 indicates that from one to six semester hours of credit may be earned as arranged by the department writing the course.

Course Codes

ACC	Accounting	CSC	Computer Science
ADN	Art and Design	D	Design
AEE	Agricultural and Extension Education	DAN	Dance - Physical Education
AFS	Africana Studies	DF	Design Fundamentals
ALS	Agricultural and Life Sciences	DS	Design Studies
ANS	Animal Science	E	Engineering
ANT	Anthropology	EAC	Adult and Higher Education
ARC	Architecture	EC	Economics
ARE	Agricultural and Resource Economics	ECD	Counselor Education
ARS	Arts Studies	ECE	Electrical and Computer Engineering
AS	Aerospace Studies	ECI	Curriculum and Instruction
BAE	Biological & Agricultural Engineering	ED	Education
BBS	Bioprocessing	EDP	Educational Psychology
BCH	Biochemistry	EGM	Mechatronics
BEC	Biomufacturing	ELM	Elementary Education
BIO	Biological Sciences	ELP	Educational Leadership & Policy Studies
BIT	Biotechnology	EMS	Mathematics, Sci, and Technology Education
BME	Biomedical Engineering	ENG	English
BUS	Business Management	ENT	Entomology
CE	Civil Engineering	EOE	Occupational Education
CH	Chemistry	ES	Environmental Science
CHE	Chemical Engineering	ET	Environmental Technology
CL	Comparative Literature	FL	Foreign Languages & Literatures
CNR	College of Natural Resources	FLA	Foreign Languages & Literatures - Arabic
COM	Communication	FLC	Foreign Languages & Literatures- Chinese
CS	Crop Science	FLE	Foreign Languages & Literatures- English

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FLF	Foreign Languages & Literatures- French	NPS	Nonprofit Studies
FLG	Foreign Languages & Literatures- German	NR	Natural Resources
FLH	Foreign Languages & Literatures- Hebrew	NS	Naval Science
FLI	Foreign Languages & Literatures- Italian	NTR	Nutrition
FLJ	Foreign Languages & Literatures- Japanese	PA	Public Administration
FLN	Foreign Languages & Literatures- Hindi	PB	Plant Biology
FLP	Foreign Languages & Literatures- Portuguese	PCC	Polymer and Color Chemistry
FLR	Foreign Languages & Literatures- Russian	PE	Physical Education
FLS	Foreign Languages & Literatures- Spanish	PEC	Physical Education- Coaching
FOR	Forestry	PEF	Physical Education- Fitness
FS	Food Science	PEG	Physical Education- Golf
FW	Fisheries and Wildlife Sciences	PEH	Physical Education- Health Studies
GC	Graphic Communications	PEO	Physical Education- Outdoors
GD	Graphic Design	PER	Foreign Languages and Literature- Persian
GEO	Geography	PES	Physical Education- Sports
GN	Genetics	PHI	Philosophy
GRK	Foreign Languages and Literatures- Greek	PMS	Physical and Mathematical Sciences
GTI	Global Training Initiative	PO	Poultry Science
HA	History of Art	PP	Plant Pathology
HI	History	PRT	Parks, Recreation and Tourism Management
HON	Honors	PS	Political Science
HS	Horticultural Science	PSY	Psychology
HSS	Humanities and Social Sciences	PY	Physics
ID	Industrial Design	REL	Religion
IDS	Interdisciplinary Studies	SOC	Sociology
IS	International Studies	SSC	Soil Science
ISE	Industrial and Systems Engineering	ST	Statistics
LAR	Landscape Architecture	STS	Science Technology and Society
LAT	Foreign Languages and Literature- Latin	SW	Social Work
LOG	Logic	T	Textiles
M	Management	TAM	Textile & Apparel Management
MA	Mathematics	TE	Textile Engineering
MAE	Mechanical and Aerospace Engineering	TED	Technology Education
MB	Microbiology	TMS	Textile Material Science
MEA	Marine, Earth, and Atmospheric Sciences	TOX	Toxicology
MIE	Management, Innovation & Entrepreneurship	TT	Textile Technology
MS	Military Science	USC	University Studies Courses
MSE	Materials Science and Engineering	VMP	Veterinary Science
MT	Medical Textiles	WGS	Women's and Gender Studies
MUS	Music	WPS	Wood and Paper Science
NE	Nuclear Engineering	ZO	Zoology