

# Montana State University

## Land Surveying Minor

### Total Credits Required – **29 Semester Credits**

CE 201 CO-REQUISITE: CE 463 CO-REQUISITE : CE 464 PRE-REQUISITE :  
 M 166 or M 172 and ME 116 CE 201 and PHYS 206 or PHYS 212 I+ME 325, CE 201, and WRIT 201 or WRIT 221

CE 363 PREREQUISITE : CE 361 and CE 362 CO-REQUISITE :  
 CE 201 and STAT 216 OR I&ME 350 BUS 361

#### **REQUIRED COURSES** **CREDITS**

•	CE 201	SURVEYING ** #	3
•	CET 202	CONSTRUCTION SURVEYING AND EARTHWORK **	3
<b>OR</b>			
	CE 350	TRANSPORTATION ENGINEERING #	3
•	CE 363	ADVANCED SURVEYING COMPUTATIONS ^	3
•	CE 463	PHOTOGRAMMETRY ^	2
•	CE 361	LEGAL PRINCIPLES OF SURVEYING ^	3
•	CE 362	U.S. PUBLIC LAND SURVEY SYSTEM ^	3
•	CE 464	PROJECT DESIGN IN SURVEYING ^	<u>3</u>
<b>TOTAL</b>			<b>20</b>

#### **ELECTIVE COURSES**

#### **9 CREDITS REQUIRED**

CE 456	HIGHWAY GEOMETRIC DESIGN ^	3
AGEC 337	AGRICULTURAL LAW	3
LRES 357	GPS FUNDAMENTALS & APPLICATIONS IN MAPPING	3
LRES 426	REMOTE SENSING AND DIGITAL IMAGE PROCESSING	3
LRES 457	ADVANCED GPS MAPPING FOR GIS	3
GPHY 284	INTRODUCTION TO GIS SCIENCE AND CARTOGRAPHY	3
GPHY 384	ADVANCED GEOGRAPHIC INFORMATION SCIENCE	3
GPHY 484	APPLIED GIS AND SPATIAL ANALYSIS	<u>3</u>
<b>TOTAL</b>		<b>29</b>

\*\* ALREADY IN CET CURRICULUM

# ALREADY IN CE/BREN CURRICULUM

^ PROFESSIONAL ELECTIVE IN CET, CE, or BREN

