E-mail address:	Name:						Red ID: _				
Required Courses   Propagation for the Major   Major: Upper Division   CIVE 100	E-mail address:	Phone # (									
Required Courses   Propagation for the Major   Major: Upper Division   CIVE 100	Faculty Advisor										
Required Courses   Required Courses   Required Courses				_							
Required Courses   Major: Upper Division   Major: Upper Division   CIVE 100	CIVIL ENGINEERIN	IG M	ASTER PLAN					Catalog Year: 201	8/2019		
Signatures:   Student	_					<u>P</u>	rofessiona	l Electives:			
Advisor   Preparation for the Major   Major: Upper Division	<u>Requi</u>	<u> 15 units</u> / <u>10 Design units:</u>									
CIVE 121	Preparation for the Major		Major: Upper Division								
CIVE 121 3 CIVE 302 1 CIVE 160 (or STAT 250) 3 CIVE 321 3 CIVE 202 3 CIVE 401 1 CIVE 220 3 CIVE 421 3(3) CONE 101 3 CIVE 444 3(2) BIOL 100 or 101 3 CIVE 462 3 CHEM 202 (or CHEM 200)* 4 CIVE 463 1 AE 200 or ME 200* 3 CIVE 481 3(1) AE 200 or ME 200 3 CIVE 481 3(1) AE 200 or ME 200 3 CIVE 481 3(1) AE 200 or ME 200 3 CIVE 495 3(3) AE 280 3 CONE 330 3 MATH 150* 4 AE 340 3 MATH 252 4 PHYS 196* 3 Findus be completed with a grade of Cor righer in (1) indicates besign units.  Findus be completed with a grade of Cor righer in (2) indicates besign units.  Findus be completed with a grade of Cor righer in (3) indicates besign units.  Findus be completed with a grade of Cor righer in (3) indicates besign units.  Findus be completed with a grade of Cor righer in (3) indicates besign units.  Findus be completed with a grade of Cor righer in (3) indicates besign units.  Findus be completed with a grade of Cor righer in (3) indicates besign units.  Findus be completed with a grade of Cor righer in (3) indicates besign units.  Findus be completed with a grade of Cor righer in (3) indicates besign units.  Findus be completed with a grade of Cor righer in (3) indicates besign units.  Findus be completed with a grade of Cor righer in (3) indicates besign units.  Findus be completed with a grade of Cor righer in (3) indicates besign units.  Findus be completed with a grade of Cor righer in (3) indicates besign units.  Findus be completed with a grade of Cor righer in (3) indicates besign units.  Findus be completed with a grade of Cor righer in (3) indicates besign units.  Findus be completed with a grade of Cor righer in (3) indicates besign units.  Findus be completed with a grade of Cor righer in (3) indicates besign units.  Findus be completed with a grade of Cor righer in (3) indicates besign units.  Findus be completed w	CIVE 100	1	CIVE 301 (or ME 304)	3		Circle Course choices					
CIVE 218	CIVE 121	3	CIVE 302	1	on tie course envices						
CIVE 220	CIVE 160 (or STAT 250)	3	CIVE 321	3	<u>Wat</u>	<u>er</u>					
Transportation	CIVE 218	3	CIVE 401	1	CIVE 445	3 (2)	CIVE 530	3 (2)			
BIOL 100 or 101	CIVE 220	3	CIVE 421	3 (3)	CIVE 531	3 (2)	CIVE 545	3 (2) (C or higher: CivE 220,445)			
CHEM 202 (or CHEM 200)*	CONE 101	3	CIVE 444	3 (2)	<u>Transpo</u>	<u>rtation</u>					
AE 200 or ME 200* 3 CIVE 481 3 (1) AE 220 or ME 220 3 CIVE 495 3 (3) AE 280 3 CONE 330 3 ENVE 441 3 (2) ENVE 554 3 (2) (cor higher 355,444,340,350) AE 280 3 CONE 330 3 ENVE 441 3 (2) ENVE 556 3 (2)  MATH 150* 4 AE 340 3 ENVE 442 3 (2) ENVE 556 3 (2)  MATH 151* 4 ENVE 355 3  MATH 252 4 FNYS 196.* 4 PHYS 196* 3 CIVE 521 3 CIVE 525 3 (3)  MATH 250 5 CIVE 521 3 CIVE 525 3 (3)  MITH 250 6 CONE 401 3 CIVE 525 3 (3)  MITH 250 7 CIVE 521 3 CIVE 525 3 (3)  MITH 250 8 CIVE 465 3 (3)  MITH 250 8 CIVE 525 3 (3)  MITH 250 8 CIVE 525 3 (3)  MITH 250 9 CIVE 525 3 (3)  M	BIOL 100 or 101	3	CIVE 462	3	CIVE 482	3 (3)	CIVE 580	3 (2)			
AE 220 or ME 220	CHEM 202 (or CHEM 200)*	4	CIVE 463	1							
AE 280	AE 200 or ME 200*	3	CIVE 481	3 (1)	<u>Environ</u>	<u>mental</u>					
MATH 150*	AE 220 or ME 220	3	CIVE 495	3 (3)	ENVE 363	3	ENVE 554	3 (2) (C or higher: 355,444,340,350)			
MATH 151*	AE 280	3	CONE 330	3	ENVE 441	3 (2)	ENVE 556	3 (2)			
MATH 252	MATH 150*	4	AE 340	3	ENVE 442	3 (2)	ENVE 558	3 (2)			
PHYS 195. 195. 4 PHYS 196* 3 **Must be completed with a grade of Cor Higher These courses cannot be taken for credit/no credit (Cr/NC)  **Engineering Science Elective At least one of the following courses ( circle choice ):  EE 204 3 ME 240 3 ME 350 3  **Must be completed with a grade of Coredit/no credit (Cr/NC)  **Construction** CONE 401 3 (2) CONE 480 3 (3)  **CONE 480 3 (3)  **CONE 490 3 (3)  **CONE 4	MATH 151*	4	ENVE 355	3							
PHYS 196* 3 *Must be completed with a grade of Cor Higher These courses cannot be taken for credit/no credit (Cr/NC)  Engineering Science Elective At least one of the following courses ( circle choice ): EE 204 3 ME 240 3 ME 350 3  **Must be completed with a grade of Corredit/no credit (Cr/NC)  **Engineering Science Elective At least one of the following courses ( circle choice ):  EE 204 3 ME 240 3 ME 350 3  **ONE 479 3 (2) CONE 480 3 (3)  **CONE 490 3 (3)	MATH 252	4			<u>Struct</u>	Structural					
Must be completed with a grade of C or Higher These courses cannot be taken for credit/no credit (Cr/NC)  Engineering Science Elective At least one of the following courses ( circle choice ):  EE 204 3 ME 240 3 ME 350 3  CONE 479 3 (2) CONE 480 3 (3)  Other (Advanced Topics, Special Study courses, etc.)  Other (Advanced Topics, Special Study courses, etc.)  Signatures:  Student	PHYS 195, 195L*	4			CIVE 521	3	CIVE 525	3 (3)			
Cor Higher These courses cannot be taken for credit/no credit (Cr/NC)  Engineering Science Elective At least one of the following courses ( circle choice ):  EE 204		3		_	CIVE 523	3 (3)	CIVE 528	3 (3)			
These courses cannot be taken for credit/no credit (Cr/NC)  Engineering Science Elective  At least one of the following courses ( circle choice ):  EE 204			1 1								
Crystal   Crys			Design Units.	_	Genter	hnical			—		
Engineering Science Elective  At least one of the following courses ( circle choice ):  EE 204	·										
At least one of the following courses ( circle choice ):  EE 204	Engineering Science Elective		ı			- (-)					
EE 204		urses i	( circle choice ):		Constru	ıction					
ME 240		_					CONE 480	3 (3)			
ME 350 3  Changes  Changes  Signatures: Student  Advisor		3									
Changes	ME 350	3				. ,		. ,			
Signatures:           Student         Advisor	CI.					<u>t<b>her</b></u> (Ad	vanced Topic	cs, Special Study courses, etc.	)		
Student Advisor	Cnanges										
Student Advisor				_							
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Student Advisor											
Student Advisor											
Student Advisor	Signatures										
					47.						
Department Chair Approval Date											
	Department Chair				Approve	ıl Date _					

# **Information**

#### **Required Courses:**

You must take each course listed in this area. All course substitutions are subject to the approval of your advisor and the department chair (documentation in the form of a catalog description, course syllabi and transcript will be required). After enrollment in Civil Engineering at SDSU, a CIVE major must take all upper division CCEE courses at SDSU unless prior approval is obtained from the Department Chair. Approval will be granted only in unusual circumstances.

### **Elective Courses:**

After consultation with your faculty advisor, **circle your course choices**. You and your advisor sign the reverse side of form and return master plan to the CCEE office for Department Chair's signature approval. Changes to your Master Plan can be made by completing a "Request for Adjustment of Academic Requirement" (RAAR) form. Have your advisor initial the form and bring it to the CCEE office for Department Chair's signature approval. The Department office will send form to Evaluations. Special Study and Advanced Engineering Topic courses will be added to the master plan only after enrollment.

### **Course Prerequisites:**

Prerequisites will be enforced for all Civil, Construction and Environmental Engineering courses numbered 100-599. All courses must have a passing grade (D- or above) in order to be used as a prerequisite for any subsequent course. Courses noted with an asterisk (\*) require a grade of C or higher and cannot be taken for credit/no credit (Cr/NC). A copy of your Degree Evaluation or unofficial SDSU transcript is acceptable proof of completion of pre- and co-requisites. If you are enrolled in a co-requisite at another institution, an unofficial transcript from that institution showing enrollment is required.

#### **Graduation:**

To qualify for graduation, a **minimum GPA of 2.0 is required** in overall coursework, SDSU coursework and Major coursework. Major coursework consists of all upper division (300-500 level) courses required for the Major, approved Major electives and any additional upper division "CIV E" courses taken, whether needed for the major or not. This includes F, WU and IC grades.

## Minimum number of units required for a Civil Engineering degree:

Total for Degree	138		
General Education	<u>36</u>		
Professional Electives	15	(10)	Design Units
Upper Division	33	(9)	Design Units
Major Preparation	54		