

Bachelor of Science Civil Engineering (BSCE) 2024-2025 Catalog

YEAR 1	SEMESTER: FALL		Hours
	Course No.		15
	MAC 2311C	Calculus I	4
	CHS 1440	Principle of Chemistry	4
	EGS 1006C	Intro to Engr Profession	1
	ENC 1101	Composition I	3
	GEP 4	Historical/Cultural 1	3

SEMESTER: SPRING		Hours
Course No.		14
MAC 2312	Calculus II	4
PHY 2048	Physics I	3
PHY 2048L	Physics I Lab	1
EGN 1007C	Engr Concepts Methods	1
ENC 1102	English Composition II	3
EGN 3613	Engr Economic Analysis	2

SEMESTER: SUMMER		Hours
Course No.		10
GEP 3	SPC/COM	3
MAC 2313	Calculus III	4
EGN 3310	Engineering Statics	3

YEAR 2	SEMESTER: FALL		Hours
	Course No.		15
	MAP 2302	Differential Equations	3
	ENV 3001	Environmental Engr	3
	EGN 3321	Dynamics	3
	GEP 5	Historical/Cultural 2	3
	GEP 9	Social Foundation 1	3

SEMESTER: SPRING		Hours
Course No.		16
EGN 3331C	Mechanics of Materials	3
CGN 3405	Numerical Methods	3
CWR 3201	Fluid Mechanics	3
STA 3032	Prob & Stats for Engrs	3
PHY 2049	Physics II	3
PHY 2049L	Physics II Lab	1

SEMESTER: SUMMER		Hours
Course No.		0

YEAR 3	SEMESTER: FALL		Hours
	Course No.		14
	CES 4100C	Structural Analysis	3
	CCE 4003	Intro to Constr Ind	3
	CEG 4011C	Geotechnical Engr I	3
	TTE 3810	Highway Engineering	3
	CGN 3700C	CE Measurements	2

SEMESTER: SPRING		Hours
Course No.		14
CGN 3090	Engr Reports & Liability	2
CWR 4202C	Hydraulics	3
GEP 10	Social Foundation 2	3
Depth Area 1 Course 1		3
Depth Area 2 Course 1		3

SEMESTER: SUMMER		Hours
Course No.		3
(Optional) Design Course		3
(CEG 4801C and CWR 4812C only)		

YEAR 4	SEMESTER: FALL		Hours
	Course No.		15
	Depth Area 1 Course 2		3
	Depth Area 2 Course 2		3
	Depth Elective 1		3
	CGN 3501C	CE Materials	3
	Design Course		3

SEMESTER: SPRING		Hours
Course No.		15
Depth Elective 2		3
Technical Elective		3
GEP 6	Historical/Cultural 3	3
Basic Science (also satisfies GEP 12)		3
CGN 4808C	Capstone	3

SEMESTER: SUMMER		Hours
Course No.		3
(Optional) Capstone		3