Bachelor of Science in Civil Engineering

Curriculum Map

Code	Mathematics	Units	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r
M-01	College Algebra	3	I							I										
M-02	Advanced Algebra	3	I							I										
M-03	Plane & Spherical Trigonometry	3	I							I										
M-04	Analytic Geometry	3	I							I										
M-05	Solid Mensuration	2	I							I										
M-06	Differential Calculus	4	I							I										
M-07	Integral Calculus	4	I							I										
M-08	Differential Equations	3	I							I										
M-09	Probability & Statistics	3	I							I										

Code	Natural/Physical Sciences	Units	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r
S-01	General Chemistry	3	I	I						I										
L-01	General Chemistry Lab	1	I	I						I										
S-02	Physics 1	3	I	I						I										
L-02	Physics 1 Lab	1	I	I						I										
S-03	Physics 2	3	I	I						I										
L-03	Physics 2 Lab	1	I	I						I										

Code	Basic Engineering Sciences	Units	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r
E-01	Engineering Drawing	3	I				E	I		I		I								
E-02	Computer Fundamentals	2	I				E	I		I		I								
E-03	Computer-Aided Drafting	1	I				E	I		I		I								
E-04	Statics of Rigid Bodies	3	E				E	E		E		E								
E-05	Dynamics of Rigid Bodies	2	E				E	E		E		E								
E-06	Mechanics of Deformable Bodies	4	E				D	D		E		E								
E-07	Engineering Economy	3	E			E	D	D		E		E								
E-08	Engineering Management	3	E		E	E	D	D		E		E	E							
E-09	Environmental Engineering	3	E		E	E	D	D		E		E	E							
E-10	Safety Management	1	E		E	E	D	D		E		E	E							

Code	Allied Courses	Units	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r
A-01	Basic Electrical Engineering Lec.	3	E	E		I				I										
A-02	Basic Mechanical Engineering 1 Lec	3	E	E		I				I										
A-03																				
A-04																				
A-05																				
A-06																				
A-07																				
A-08																				

Map Legend

Code	Course Classification
M-XX	Mathematics
S-XX	Natural or Physical Science
L-XX	Laboratory Course
E-XX	Engineering Science
A-XX	Allied
P-XX	Professional
N-XX	Non-Technical
I-XX	Institutional
Note:	Please delete any extra outcome column

Code	Descriptor
I	Introductory Course to an Outcome
E	Enabling Course to an Outcome
D	Demonstrative Course to an Outcome

Code	Definition
I	A formative course to an outcome
E	A course strengthening further an outcome
D	A course demonstrating an outcome

Comments by Evaluator

Code	Professional Courses	Units	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r
P-01	Plane Surveying Lec.	2	D		D	D	D	D		D		D								
L-04	Plane Surveying Fld	2	D	D	D	D	D	D		D		D								
P-02	Higher Surveying Lec.	2	D		D	D	D	D		D		D								
L-05	Higher Surveying Fld.	2	D	D	D	D	D	D		D		D								
P-03	Building Design I Lec.	2	D		D	D	D	D		D		D	D							
L-06	Building Design I Lab.	1	D	D	D	D	D	D		D		D	D							
P-04	Const. Methods & Cost Estimates	3	D		D	D	D	D		D		D	D							
P-05	Fluid Mechanics Lec.	2	D		D	D	D	D		D		D								
L-07	Fluid Mechanics Lab.	1	D	D	D	D	D	D		D		D								
P-06	Adv. Eng'g. Mathematics for CE	3	E		E	E	E	E		E		E								
P-07	Structural Theory 1 Lec	3	D		D	D	D	D	D	D	D	D								
L-08	Structural Theory 1 Lab	1	D	D	D	D	D	D	D	D	D	D								
P-08	Construction Materials & Testing Lec	3	D		D	D	D	D	D	D	D	D	D							
L-09	Construction Materials & Testing Lab	1	D	D	D	D	D	D	D	D	D	D	D							
P-09	Building Design 2 Lec.	2	D		D	D	D	D	D	D	D	D	D							
L-10	Building Design 2 Dsn	1	D	D	D	D	D	D	D	D	D	D	D							
P-10	Engineering Surveys Lec.	2	D		D	D	D	D		D		D								
L-11	Engineering Surveys Fld.	1	D	D	D	D	D	D		D		D								
P-11	Hydraulics Lec.	3	D		D	D	D	D	D	D	D	D								
L-12	Hydraulics Lab.	1	D	D	D	D	D	D	D	D	D	D								
P-12	Structural Theory II Lec	3	D		D	D	D	D	D	D	D	D								
L-13	Structural Theory II Lab	1	D	D	D	D	D	D	D	D	D	D								
P-13	Soil Mechanics Lec.	3	D		D	D	D	D	D	D	D	D	D							
L-14	Soil Mechanics Lab.	1	D	D	D	D	D	D	D	D	D	D	D							
P-14	Hydrology	3	D		D	D	D	D		D		D	D							
P-15	Highway Engineering	3	D		D	D	D	D	D	D	D	D	D							
P-16	Structural Design I (Timber) Lec	2	D		D	D	D	D	D	D	D	D								
L-15	Structural Design I (Timber) Dsn	1	D	D	D	D	D	D	D	D	D	D								
P-17	Construction Project Management Lec.	2	D		D	D	D	D	D	D	D	D	D							
L-16	Construction Project Management Dsn	1	D	D	D	D	D	D	D	D	D	D	D							
P-18	Field Practice (at least 200 hours)	1	D	D	D	D	D	D	D	D	D	D	D							
P-19	Structural Design of Concrete Lec.	5	D		D	D	D	D	D	D	D	D	D							
L-17	Structural Design of Concrete Dsn	1	D	D	D	D	D	D	D	D	D	D	D							
P-20	Water Resources Engineering	3	D		D	D	D	D	D	D	D	D	D							
P-21	Foundation Engineering Lec.	3	D		D	D	D	D	D	D	D	D	D							
L-18	Foundation Engineering Lab	1	D	D	D	D	D	D	D	D	D	D	D							
P-22	Transportation Engineering	3	D		D	D	D	D	D	D	D	D	D							
P-23	Earthquake Engineering (Elective 1)	3	D		D	D	D	D	D	D	D	D	D							
P-24	Bridge Engineering (Elective 2)	3	D		D	D	D	D	D	D	D	D	D							
P-25	Special Topics 1	3	D		D	D	D	D	D	D	D	D								
P-26	CE Methods of Research	2	D		D	D	D	D		D		D	D							
P-27	CE Field Trips & Seminar	1	D	D	D	D	D	D		D		D	D							
P-28	Structural Design of Steel Lec.	3	D		D	D	D	D	D	D	D	D	D							
L-19	Structural Design of Steel Dsn.	1	D	D	D	D	D	D	D	D	D	D	D							
P-29	CE Research Project (Thesis)	2	D	D	D	D	D	D	D	D	D	D	D							
P-30	Pre-Stressed Concrete (Elective 3)	3	D		D	D	D	D	D	D	D	D	D							
P-31	Special Topics in Structural Engg (Elective 4)	3	D		D	D	D	D	D	D	D	D	D							
P-32	CE Laws, Ethics, Specs & Contracts	3	D		D	D	D	D		D		D								
P-33	Special Topics 2	3	D		D	D	D	D	D	D	D	D								

Code	Non-Technical Courses		a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r
N-01	Kasaysayan at Kultura ng Pilipinas	3				I				I										
N-02	Philippine Government with Constitution of the Philippines	3				I				I										
N-03	Economic with LRT	3				I				I										
N-04	Logic	3				I				I										
N-05	General Psychology	3				I				I										
N-06	Art Appreciation	3				I				I										
N-07	Society and Culture with Family Planning	3				I				I										
N-08	Communication Arts and Skills 1	3																		
N-09	Speech and Oral Communication	3																		
N-10	Technical Writing	3																		
N-11	Sining at Komunikasyon	3				I														
N-12	Panitikang Pilipino	3				I														
N-13	Kursong Rizal	3								I										
N-14	Physical Fitness & Self-Testing Activities	2								I										
N-15	Individual/Dual Sports	2								I										
N-16	Swimming	2								I										
N-17	Team Sports	2								I										
N-18	NSTP 1	3								I										
N-19	NSTP 2	3								I										

Code	Institutional Courses	Units	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r
I-01	Foundations of Christian Faith	3						I		I										
I-02	Discipleship in the Christian Community	3						I		I										
I-03	Living Our Christian Commitment	3						I		I										
I-04	Spirituality of Social Transformation	3						I		I										
I-05	Intensive English	0								I										
I-06	Introduction to DLSU-D	0								I										
I-07	Career Pathing	0								I										