

	A	B	C	D	E	F	G	H
1	Louisiana Tech University - College of Engineering and Science							
2	COURSES REQUIRED TO FULFILL THE 45-HR GENERAL EDUCATION REQUIREMENT							
3	CRINPROG Degree Subject Area →	Nanosystems Engineering	Biomedical Engineering	Chemical Engineering	Chemistry	Civil Engineering	Construction Engineering Technology	Computer Science
4	CIP Code →	149999	140501	140701	400501	140801	151001	110701
5								
6	ENGLISH (6 HRS)	ENGL 101 and	ENGL 101 and	ENGL 101 and	ENGL 101 and	ENGL 101 and	ENGL 101 and	ENGL 101 and
7		ENGL 102	ENGL 102	ENGL 102	ENGL 102	ENGL 102	ENGL 102	ENGL 102
8								
9								
10	MATHEMATICS (6 HRS)	MATH 241(3) and 242(3)	MATH 241(3) and	MATH 241(3) and	MATH 241(3)	MATH 241(3)	MATH 101(3) and 112(3)	MATH 240(3)
11			242(3)	242(3)	and 242(3)	and 242(3)		and 241(3)
12								
13								
14	NATURAL SCIENCES (9 HRS*)	CHEM 100(2), 101(2),	CHEM 100(2), 101(2),	CHEM 100(2), 101(2),	CHEM 100(2),	CHEM 100(2)	BISC 101(3); PHYS 209(3) and 261(1);	BISC 130(3) and
15	*Must include both physical	102(2), 103(1) and 104(1);	102(2), 103(1), and	102(2), 103(1), and	101(2), 102(2),	and 101(2);	PHYS 210(3) and 262(1)	131(1); PHYS 201(3)
16	and biological science with at	PHYS 201(3)	104(1); BISC 130(3) and	104(1); BISC 130(3);	103(1), and	PHYS 201(3);		202(3), 261(1),
17	least 6 hrs from a two-quarter	BISC 130(3) and 131(1)	131(1);	and PHYS 201(3)	104(1); BISC	BISC (3)		and 262(1);
18	sequence				130(3); and			
19					PHYS 201(3),			
20					202(3), 261(1),			
21					and 262(1)			
22								
23								
24	HUMANITIES (12 HRS)	ENGL 210(3) or 211(3);	ENGL 210(3), 211(3),	ENGL 210(3), 211(3),	ENGL 210(3),	HIST (3);	ENGL 210(3), 211(3), or 212(3);	HIST (3);
25	*Must include 3 hrs of English at	ENGL 212(3), ENGL 303(3);	or 212(3) and 303(3);	or 212(3) and 303(3);	211(3), or	ENGL 303(3) and	and 303(3); HIST (3); SPCH (3)	ENGL 210(3), 211(3)
26	the 200-lvl or above	HIST (3)	SPCH 377(3); HIST(3)	SPCH 377(3) or	212(3) and	363(3);		or 212(3) 303(3)
27	**Minimum of 3 hrs required			ENGL 363(3)	303(3);	ENGL 210(3),		and 363(3)
28	from History, Literature, and			HIST(3)	HIST (3);	211(3), or 212(3)		
29	Speech				and SPCH			
30					110(3) or 377(3)			
31					or ENGL 363			
32								
33								
34								
35								
36	FINE ARTS (3 HRS)	ART 290(3), MUGN 290(3),	ART 290(3), MUGN	ART 290(3), MUGN	ART 290(3),	ART 290(3),	ART 290(3), MUGN 290(3),	ART 290(3), MUGN
37		SPTH 290(3) or KINE 280(3)	290(3), SPTH 290(3),	290(3), SPTH 290(3),	MUGN 290(3),	MUGN 290(3),	SPTH 290(3), or KINE 280(3)	290(3), SPTH 290(3)
38			or KINE 280(3)	or KINE 280(3)	SPTH 290(3),	SPTH 290(3),		or KINE 280(3)
39					or KINE 280(3)	or KINE 280(3)		
40								
41								
42	SOCIAL/BEHAVIORAL SCIENCES (9 HRS)	Social/Behavioral	Social/Behavioral	Social/Behavioral	Social/	Social/Behavioral	ECON 215(3);	ECON 215(3);
43	* Minimum of two disciplines	Sciences B19Electives (9)	Sciences Electives (9)	Sciences Electives (9)	Behavioral	Sciences	Social/Behavioral Sciences	Social/Behavioral
44					Sciences	Electives (9)	Electives (6)	Sciences
45					Electives (9)			Electives (6)

	A	I	J	K	L	M	N
1	Louisiana Tech University - College of Engin						
2	COURSES REQUIRED TO FULFILL THE 45-HR						
3	CRINPROG Degree Subject Area →	Electrical Engineering	Electrical Engineering Technology	Industrial Engineering	Mathematics	Mechanical Engineering	Physics
4	CIP Code →	141001	150303	143501	270101	141901	400801
5							
6	ENGLISH (6 HRS)	ENGL 101 and	ENGL 101 and	ENGL 101 and	ENGL 101 and	ENGL 101 and	ENGL 101 and
7		ENGL 102	ENGL 102	ENGL 102	ENGL 102	ENGL 102	ENGL 102
8							
9							
10	MATHEMATICS (6 HRS)	MATH 241(3)	MATH 101(3) and 112(3)	MATH 241(3)	MATH 240(3)	MATH 241(3) and 242(3)	MATH 240(3)
11		and 242(3)		and 242(3)	and 241(3)		and 241(3)
12							
13							
14	NATURAL SCIENCES (9 HRS*)	BISC 101(3); PHYS	PHYS 209(3), 210(3), 261(1), and	CHEM 100(2), 101(2),	CHEM 100(2),	CHEM 100(2), 101(2),	BISC 130 (3);
15	*Must include both physical	201(3) and 202(3);	262(1); BISC 101(3);	and 103(1); PHYS 202(3)	101(2), 102(2),	and 103(1); PHYS 201(3)	CHEM 100(2),
16	and biological science with at	CHEM 100(2), 101(2),		or CHEM 102(2) and	103(1), and	and 202(3); BISC 101(3)	101(2), 102(2)
17	least 6 hrs from a two-quarter	and 103(1)		104(1); and BISC 101(3)	104(1); BISC		103(1), and
18	sequence				130(3) and		104(1); PHYS
19					131(1)		102(1) and
20							103(1)
21							
22							
23							
24	HUMANITIES (12 HRS)	HIST (3); ENGL 210(3),	HIST (3); ENGL 210(3), 211(3),	ENGL 210(3), 211(3),	HIST 101(3),	ENGL 303(3) and 363(3);	Humanities
25	*Must include 3 hrs of English at	211(3), or 212(3),	or 212(3) and 303(3); SPCH 377(3)	or 212(3) and 303(3)	102(3), 201(3)	ENGL 210(3), 211(3),	Electives (12)
26	the 200-lvl or above	and 303(3) and 463(3)		and 363(3); HIST (3)	or 202(3) for	or 212(3); HIST (3)	
27	**Minimum of 3 hrs required				6 hours;		
28	from History, Literature, and				ENGL 210(3),		
29	Speech				211(3), or		
30					212(3) and		
31					303(3);		
32					SPCH 110(3)		
33							
34							
35							
36	FINE ARTS (3 HRS)	ART 290(3), MUGN	ART 290(3), MUGN 290(3);	ART 290(3), MUGN	ART 290(3),	ART 290(3), MUGN	ART 290(3),
37		290(3), SPTH 290(3),	SPTH 290(3), or KINE 280(3)	290(3), SPTH 290(3),	MUGN 290(3)	290(3), SPTH 290(3),	MUGN 290(3),
38		or KINE 280(3)		or KINE 280(3)	SPTH 290(3)	or KINE 280(3)	SPTH 290(3),
39					or KINE 280(3)		or KINE 280(3)
40							
41							
42	SOCIAL/BEHAVIORAL SCIENCES (9 HRS)	Social/Behavioral	Social/Behavioral Sciences	Social/Behavioral	Social/	Social/Behavioral	Social/
43	* Minimum of two disciplines	Sciences Electives (9)	Electives (9)	Sciences Electives (9)	Behavioral	Sciences Electives (9)	Behavioral
44					Sciences		Sciences
45					Electives (9)		Electives (9)