

**B.S. Physics/B.S. Electrical Engineering
(Three-plus-Two Engineering Program)**
College of Arts & Sciences

NAME: _____

BASIC STUDIES: (45 semester hours)

		Sem./Yr.	Gr	Hrs
A.	ENG 101	✓	—	3
	ENG 201 or	✓	—	3
	ENG 103	✓	—	3
B.	PED 101	✓	—	2
C.	Humanities (12-18 hours)			
1.	LIT #	✓	—	3
2.	HST #	✓	—	3
3.	PAR ¹ #	✓	—	3
4.	LANG	—	—	3
D.	Fine Arts (3 hours)			
	#	✓	—	3
E.	Natural & Math Sciences (16 hours)			
1.	Natural Sciences			
a.	BIO 150	✓	—	3
b.	*PHY 201	✓	—	4
2.	Mathematics (8 hours)			
	MAT 161	✓	—	4
	MAT 162	✓	—	4
F.	Social Sciences			
	ECN 221	✓	—	3
	#	✓	—	3

Electives

Transferred from NCSU up to 24

✓Indicates courses that satisfy engineering degree

#See pre-eng. advisor for advising to minimize excess credits

*Meets Basic Studies Lab Science requirement

+Meets Basic Studies requirements

¹ PAR 115 recommended

PHYSICS CORE (67 hours)

	Sem./Yr.	Gr	Hrs
CHM 101	✓	—	4
CHM 102	—	—	4
*+PHY 201	✓	—	4
PHY 202	✓	—	4
+MAT 161	✓	—	4
+MAT 162	✓	—	4
MAT 261	✓	—	4
MAT 361	—	—	3
MAT 335	—	—	3
ECE 200	✓	—	3
PHY 311	—	—	4
PHY 321	✓	—	3
PHY 322	—	—	3
PHY 335	—	—	4
PHY 400	—	—	2
PHY 411	✓	—	3
PHY 412	—	—	3
PHY 444	—	—	4
PHY 455	—	—	3
Oral Communication Competency Requirement:			
PHY 495	—	—	1

12 credits overlap basic studies. Basic studies + physics general core - overlap = 45 + 67 - 12 = 100

Electives = 124 - 100 = 24 credits

To transfer, a student must have a 3.0 overall GPA and a 2.5 GPA in the last two calculus courses taken.