

Physics - Concentration D: Dual Degree with Electrical Engineering (BS) Five-Year Plan

Physics, Concentration D: Dual Degree with Electrical Engineering - Bachelor of Science 2020-21 Five-Year Plan

Freshman

First Term	Hours	Second Term	Hours
ENGL 110C (Grade of C or better required)	3	ENGL 211C or ENGL 231C (Grade of C or better required)	3
MATH 211	4	MATH 212	4
Oral Communication	3	Human Creativity	3
ENGN 110	2	Human Behavior	3
Language & Culture I (May be waived; See requirement details)	0-3	Language & Culture II (May be waived; See requirement details)	0-3
12-15		13-16	

Sophomore

First Term	Hours	Second Term	Hours
MATH 312 or MATH 285	4	MATH 307 or MATH 280	3
CHEM 121N and CHEM 122N	4	CHEM 123N and CHEM 124N	4
PHYS 261N	4	PHYS 262N	4
ENGN 150	4	ECE 201	3
		ECE 111 (Meets Information Literacy and Research)	2
16		16	

Junior

First Term	Hours	Second Term	Hours
PHYS 323	3	PHYS 319	3
ECE 202	3	PHYS 355	3
ECE 241	4	PHYS 425	3
ECE 287	2	PHYS 413	3
Literature	3	ECE 332	3
15		15	

Senior

First Term	Hours	Second Term	Hours
PHYS 454	3	PHYS 453 or ECE 323	3

PHYS 452	3	PHYS 499W or PHYS 489W and PHYS 490W (C or better required)	3
PHYS 420	3	ECE 313	4
ECE 302	3	ECE 303	3
ECE 387	3	ECE 381	3
15		16	

Fifth Year

First Term	Hours	Second Term	Hours
ECE 485W (C or better required)	3	PHYS 456	3
ECE 486	2	ECE 487	2
ECE 304	3	PHYS 411 or PHYS 415 or PHYS 416 or PHYS 417	3
ENMA 480 (Meets Philosophy and Ethics)	3	ECE Technical elective III	3
ECE Technical elective I*	3	ECE Technical elective IV	3
ECE Technical elective II*	3	Interpreting the Past	3
17		17	

Total credit hours: 152-158

*This is a suggested curriculum plan to complete this degree program in five years. Please consult information in this Catalog, Degree Works, and your academic advisor for more specific information on course requirements for this degree.