

EXAMPLE

Plan of Schedule of Courses

Below are examples of schedules of courses for the bachelor of science program in electrical engineering. They should be used only as examples since they are based on a number of assumptions which are likely not true for all students. In addition, it is likely that students can find better schedules for themselves. But they do illustrate how to determine a schedule based upon curriculum information and The Planned Course Offerings, which is over a three year period.

Before planning your course schedule get the following:

- Your Curriculum Check Sheet: Your curriculum is usually based on when you entered the program, and typically will remain unchanged.
- Current Curriculum Flow Chart
- Current Planned Course Offerings

For the examples, the information used was the August 2008 Curriculum Check Sheet. The following summarizes the check sheet

LOWER DIVISION			
FRESHMAN		SOPHOMORE	
ENG 100 (3)	EE 160 (4)	EE 211 (4)	EE 213 (4)
MATH 241 (4)	MATH 242 (4)	EE 260 (4)	MATH 244 (3)
CHEM 161/L (3/1)	PHYS 170/L (4/1)	MATH 243 (3)	PHYS 274 (3)
FG (3)	CHEM 162 (3)	PHYS 272/L (3/1)	EE 296 (1)
			SP 251 (3)
			ECON 120 (3)

UPPER DIVISION			
JUNIOR		SENIOR	
EE 315 (3)	EE 323/L (3/1)	EE Track/L (3/1)	EE 496 (3)
EE 324 (4)	EE Tech Elec (3)	EE Track (3)	EE 495 (1)
EE 342 (3)	EE Track/L (3/1)	EE Tech Elec/L (3/1)	EE Track (3)
EE 371 (3)	EE 396 (2)	DH or DL (3)	EE Track (3)
MATH 307	Engr Breadth (3)		FG (3)
			DS (3)

Note: Note FG, DH, DS, and DL are General Education Requirements.

EE Electives is comprised of a Track, which means all courses in Group I and six credits from Group II. EE Electives include two additional EE upper division courses (one which must be outside the Track) and one lab.

- **COMPUTER TRACK:** Group I (EE 361/L, EE 366, EE 367/L), Group II (EE 344, EE 406, EE 461, EE 449, EE 467, EE 468, EE 469)
- **ELECTROPHYSICS TRACK:** Group I (EE 326/L, EE 327, EE 372/L), Group II (EE 422/L, EE 423, EE 425, EE 427, EE 328/L, EE 426, EE 473, EE 474, EE 475, EE 477)
- **SYSTEMS TRACK:** Group I (EE 341/L, EE 351/L, EE 415), Group II (EE 344, EE 442, EE 446, EE 449, EE 452, EE 453, EE 416, EE 417)

It will be assumed that the Planned Course Offerings will be as follows

EE CORE (required of all EEs)	FALL	SPRING
EE 160, EE 211, EE 213, EE 260, EE 296, EE 315, EE 396, EE 496	X	X
EE 323/L		X
EE 324	X	
EE 342	X	
EE 371	X	
COMPUTER TRACK		
EE 361/L	X	
EE 366		X
EE 367/L		X
ELECTROPHYSICS TRACK		
EE 326/L	X	
EE 327		X
EE 372/L		X
SYSTEMS TRACK		
EE 341/L	X	
EE 351/L		X
EE 415	X	

Once you have your schedule of courses, check that all pre-requisites are satisfied. The Curriculum Flow Chart is useful for this check.

The next six pages are examples of schedules of courses for the three tracks and assuming the starting semester is Fall or Spring. Note that one can tweak the schedule by swapping a technical course with a less technical one (e.g., DS, DH, DL). This can balance your technical work load. Be sure that the schedule follows the Planned Course Offerings and that pre-requisites are satisfied. Also note that there are General Education Requirements such as Writing Intensive (W), Oral Communication (O), etc.

Computer Track: Start Fall

EE CORE (required of all EEs)	FALL	SPRING
EE 160, EE 211, EE 213, EE 260, EE 296, EE 315, EE 396, EE 496	X	X
EE 323/L		X
EE 324	X	
EE 342	X	
EEE 371	X	
COMPUTER TRACK		
EE 361/L	X	
EE 366		X
EE 367/L		X

LOWER DIVISION			
FRESHMAN		SOPHOMORE	
FALL	SPRING	FALL	SPRING
ENG 100 (3)	EE 160 (4)	EE 211 (4)	EE 213 (4)
MATH 241 (4)	MATH 242 (4)	EE 260 (4)	MATH 244 (3)
CHEM 161/L (3/1)	PHYS 170/L (4/1)	MATH 243 (3)	PHYS 274 (3)
FG (3)	CHEM 162 (3)	PHYS 272/L (3/1)	EE 296 (1)
			SP 251 (3)
			ECON 120 (3)

UPPER DIVISION			
JUNIOR		SENIOR	
FALL	SPRING	FALL	SPRING
EE 315 (3)	EE 323/L (3/1)	EE 361/L (3/1)	EE 496 (3)
EE 324 (4)	EE 367/L (3/1)	EE Track (3)	EE 495 (1)
EE 342 (3)	EE 366 (3/1)	EE Tech Elec/L (3/1)	EE Tech Elec (3)
EE 371 (3)	EE 396 (2)	DH or DL (3)	EE Track (3)
MATH 307	Engr Breadth (3)		FG (3)
			DS (3)

Computer Track: Start Spring

EE CORE (required of all EEs)	FALL	SPRING
EE 160, EE 211, EE 213, EE 260, EE 296, EE 315, EE 396, EE 496	X	X
EE 323/L		X
EE 324	X	
EE 342	X	
EEE 371	X	
COMPUTER TRACK		
EE 361/L	X	
EE 366		X
EE 367/L		X

LOWER DIVISION			
FRESHMAN		SOPHOMORE	
SPRING	FALL	SPRING	FALL
ENG 100 (3)	EE 160 (4)	EE 211 (4)	EE 213 (4)
MATH 241 (4)	MATH 242 (4)	EE 260 (4)	MATH 244 (3)
CHEM 161/L (3/1)	PHYS 170/L (4/1)	MATH 243 (3)	PHYS 274 (3)
FG (3)	CHEM 162 (3)	PHYS 272/L (3/1)	EE 296 (1)
			SP 251 (3)
			ECON 120 (3)

UPPER DIVISION			
JUNIOR		SENIOR	
SPRING	FALL	SPRING	FALL
EE 315 (3)	EE 324(3)	EE 366 (4)	EE 496 (3)
EE 367/L (3/1)	EE 342 (3)	EE Tech Elec/L (3/1)	EE 495 (1)
EE 323/L (3/1)	EE 371 (3)	EE Track(3)	EE Tech Elec (3)
DH or DL (3)	EE 361/L (3/1)	Engr Breadth (3)	EE Track (3)
MATH 307	EE 396 (2)		FG (3)
			DS (3)

ElectroPhysics Track: Start Fall

EE CORE (required of all EEs)	FALL	SPRING
EE 160, EE 211, EE 213, EE 260, EE 296, EE 315, EE 396, EE 496	X	X
EE 323/L		X
EE 324	X	
EE 342	X	
EE 371	X	
ELECTROPHYSICS TRACK		
EE 326/L	X	
EE 327		X
EE 372/L		X

LOWER DIVISION			
FRESHMAN		SOPHOMORE	
FALL	SPRING	FALL	SPRING
ENG 100 (3)	EE 160 (4)	EE 211 (4)	EE 213 (4)
MATH 241 (4)	MATH 242 (4)	EE 260 (4)	MATH 244 (3)
CHEM 161/L (3/1)	PHYS 170/L (4/1)	MATH 243 (3)	PHYS 274 (3)
FG (3)	CHEM 162 (3)	PHYS 272/L (3/1)	EE 296 (1)
			SP 251 (3)
			ECON 120 (3)

UPPER DIVISION			
JUNIOR		SENIOR	
FALL	SPRING	FALL	SPRING
EE 315 (3)	EE 323/L (3/1)	EE 326/L (3/1)	EE 496 (3)
EE 324 (4)	EE 372/L (3/1)	EE Track (3)	EE 495 (1)
EE 342 (3)	EE Tech Elec (3)	EE Tech Elec/L (3/1)	EE Tech Elec (3)
EE 371 (3)	EE 396 (2)	DH or DL (3)	EE Track (3)
MATH 307	Engr Breadth (3)		FG (3)
			DS (3)

ElectroPhysics Track: Start Spring

EE CORE (required of all EEs)	FALL	SPRING
EE 160, EE 211, EE 213, EE 260, EE 296, EE 315, EE 396, EE 496	X	X
EE 323/L		X
EE 324	X	
EE 342	X	
EE 371	X	
ELECTROPHYSICS TRACK		
EE 326/L	X	
EE 327		X
EE 372/L		X

LOWER DIVISION			
FRESHMAN		SOPHOMORE	
SPRING	FALL	SPRING	FALL
ENG 100 (3)	EE 160 (4)	EE 211 (4)	EE 213 (4)
MATH 241 (4)	MATH 242 (4)	EE 260 (4)	MATH 244 (3)
CHEM 161/L (3/1)	PHYS 170/L (4/1)	MATH 243 (3)	PHYS 274 (3)
FG (3)	CHEM 162 (3)	PHYS 272/L (3/1)	EE 296 (1)
			SP 251 (3)
			ECON 120 (3)

UPPER DIVISION			
JUNIOR		SENIOR	
SPRING	FALL	SPRING	FALL
EE 315 (3)	EE 324(3)	EE 327 (3)	EE 496 (3)
Engr Breadth (3)	EE 342 (3)	EE Tech Elec/L (3/1)	EE 495 (1)
EE 323/L (3/1)	EE 371 (3)	EE Track(3)	EE Tech Elec (3)
DH or DL (3)	EE 326/L (3/1)	EE 372/L (3/1)	EE Track (3)
MATH 307	EE 396 (2)		FG (3)
			DS (3)

Systems Track: Start Fall

EE CORE (required of all EEs)	FALL	SPRING
EE 160, EE 211, EE 213, EE 260, EE 296, EE 315, EE 396, EE 496	X	X
EE 323/L		X
EE 324	X	
EE 342	X	
EE 371	X	
SYSTEMS TRACK		
EE 341/L	X	
EE 351/L		X
EE 415	X	

LOWER DIVISION			
FRESHMAN		SOPHOMORE	
FALL	SPRING	FALL	SPRING
ENG 100 (3)	EE 160 (4)	EE 211 (4)	EE 213 (4)
MATH 241 (4)	MATH 242 (4)	EE 260 (4)	MATH 244 (3)
CHEM 161/L (3/1)	PHYS 170/L (4/1)	MATH 243 (3)	PHYS 274 (3)
FG (3)	CHEM 162 (3)	PHYS 272/L (3/1)	EE 296 (1)
			SP 251 (3)
			ECON 120 (3)

UPPER DIVISION			
JUNIOR		SENIOR	
FALL	SPRING	FALL	SPRING
EE 315 (3)	EE 351/L (3/1)	EE 415(3/1)	EE 496 (3)
EE 324 (4)	DH or DL (3)	EE 341/L (3/1)	EE 495 (1)
EE 342 (3)	EE 323/L (3/1)	EE Tech Elec/L (3/1)	EE Tech Elec (3)
EE 371 (3)	EE 396 (2)	EE Track	EE Track (3)
MATH 307	Engr Breadth (3)		FG (3)
			DS (3)

Systems Track: Start Spring

EE CORE (required of all EEs)	FALL	SPRING
EE 160, EE 211, EE 213, EE 260, EE 296, EE 315, EE 396, EE 496	X	X
EE 323/L		X
EE 324	X	
EE 342	X	
EE 371	X	
SYSTEMS TRACK		
EE 341/L	X	
EE 351/L		X
EE 415	X	

LOWER DIVISION			
FRESHMAN		SOPHOMORE	
SPRING	FALL	SPRING	FALL
ENG 100 (3)	EE 160 (4)	EE 211 (4)	EE 213 (4)
MATH 241 (4)	MATH 242 (4)	EE 260 (4)	MATH 244 (3)
CHEM 161/L (3/1)	PHYS 170/L (4/1)	MATH 243 (3)	PHYS 274 (3)
FG (3)	CHEM 162 (3)	PHYS 272/L (3/1)	EE 296 (1)
			SP 251 (3)
			ECON 120 (3)

UPPER DIVISION			
JUNIOR		SENIOR	
SPRING	FALL	SPRING	FALL
EE 315 (3)	EE 324(3)	EE Track (3)	EE 496 (3)
Engr Breadth (3)	EE 342 (3)	EE Tech Elec/L (3/1)	EE 495 (1)
EE 323/L (3/1)	EE 415 (3/1)	FG (3)	EE 371 (3)
DH or DL (3)	EE 341/L (3/1)	EE 351/L (3/1)	EE Tech Elec (3)
MATH 307	EE 396 (2)		EE Track (3)
			DS (3)