

BSEE - CONCENTRATION ELECTIVES

Sem								
1	Hist 1377	ENGI 1100	Engl 1303	ECE 1100	Math 1431	Chem 1372/1117		
2	Hist 1378		Engl 1304	ECE 1331	Math 1432	Phys 1321/1121		
3		Pols 1336	ECE 2100	ECE 2300	Math 2433	Phys 1322/1122	Math 3321	
4	Humanities	Engi 2304	ECE 3331	ECE 3337	ECE 4436			
5		Vis Perf Arts		ECE 3355/3155	Concentration Elec	ECE 3317	ECE Elective	16
6	Pols 1337	Inde 2333	Elective Lab	Concentration Elec	ECE 2331		ECE Elective	16
7	Econ 2304	ECE 4335	Elective Lab	Concentration Elec	Concentration Elec		Technical Elective	16
8		ECE 4336	Elective Lab	Concentration Elec	Concentration Elec	Concentration Elec	Elective Lab	14

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BSEE - SIGNALS, COMMUNICATIONS, CONTROLS

Sem								
1	Hist 1377	ENGI 1100	Engl 1303	ECE 1100	Math 1431	Chem 1372/1117		
2	Hist 1378		Engl 1304	ECE 1331	Math 1432	Phys 1321/1121		
3		Pols 1336	ECE 2100	ECE 2300	Math 2433	Phys 1322/1122	Math 3321	
4	Humanities	Engi 2304	ECE 3331	ECE 3337	ECE 4436			
5		Vis Perf Arts		ECE 3355/3155	ECE 3366	ECE 3317		15
6	Pols 1337	Inde 2333	ECE 4115	ECE 4375	ECE 2331	ECE Elective	ECE Elective	17
7	Econ 2304	ECE 4335	ECE 4117	ECE 4371	Concentration Elec		Technical Elective	16
8		ECE 4336	Elective Lab	Concentration Elec	Concentration Elec	Concentration Elec	Elective Lab	14
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Notes: 2 of 4 labs accounted for.
 These courses are currently taught in these semesters - no change needed..
 This can work for off-semester students by juggling in semesters 5-7.

BSEE - ELECTRONICS

Sem							
1	Hist 1377	ENGI 1100	Engl 1303	ECE 1100	Math 1431	Chem 1372/1117	
2	Hist 1378		Engl 1304	ECE 1331	Math 1432	Phys 1321/1121	
3		Pols 1336	ECE 2100	ECE 2300	Math 2433	Phys 1322/1122	Math 3321
4	Humanities	Engi 2304	ECE 3331	ECE 3337	ECE 4436		
5		Vis Perf Arts		ECE 3355/3155	ECE 3364	ECE 3317	ECE Elective 16
6	Pols 1337	Inde 2333		ECE 3456+Lab	ECE 2331		ECE 3441+Lab 17
7	Econ 2304	ECE 4335		ECE 3457+Lab	ECE Elective		Technical Elective 16
8		ECE 4336	ECE 4119	ECE 4339	Concentration Elec	Concentration Elec	13 62

Notes: 4 of 4 labs accounted for.
 These courses are currently taught in these semesters - no change needed.
 This can work for off-semester students by swapping 3456 and 3457.

BSEE - NANOSYSTEMS

Sem								
1	Hist 1377	ENGI 1100	Engl 1303	ECE 1100	Math 1431	Chem 1372/1117		
2	Hist 1378		Engl 1304	ECE 1331	Math 1432	Phys 1321/1121		
3		Pols 1336	ECE 2100	ECE 2300	Math 2433	Phys 1322/1122	Math 3321	
4	Humanities	Engi 2304	ECE 3331	ECE 3337	ECE 4436			
5		Vis Perf Arts	ECE 5119	ECE 3355/3155	ECE 5319	ECE 3317	ECE Elective	17
6	Pols 1337	Inde 2333	ECE 5120	ECE 5320	ECE 2331		ECE Elective	16
7	Econ 2304	ECE 4335	ECE 5121	ECE 5321	ECE 4339	ECE 4119	Technical Elective	17
8		ECE 4336		Concentration Elec	Concentration Elec	Concentration Elec		12
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Notes: 4 of 4 labs accounted for.
 These courses are currently taught in these semesters - no change needed.
 This can work for off-semester students.

BSEE - APPLIED ELECTROMAGNETICS

Sem								
1	Hist 1377	ENGI 1100	Engl 1303	ECE 1100	Math 1431	Chem 1372/1117		
2	Hist 1378		Engl 1304	ECE 1331	Math 1432	Phys 1321/1121		
3		Pols 1336	ECE 2100	ECE 2300	Math 2433	Phys 1322/1122	Math 3321	
4	Humanities	Engi 2304	ECE 3331	ECE 3337	ECE 4436			
5		Vis Perf Arts		ECE 3355/3155	ECE 2317	ECE 3317	ECE Elective	16
6	Pols 1337	Inde 2333	ECE 5114	ECE 5318	ECE 2331		ECE Elective	16
7	Econ 2304	ECE 4335	ECE 5113	ECE 5317	Concentration Elec		Technical Elective	16
8		ECE 4336	<i>Elective Lab</i>	Concentration Elec	Concentration Elec	Concentration Elec	<i>Elective Lab</i>	14
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Notes: 2 of 4 labs accounted for.
 These courses are currently taught in these semesters - no change needed.
 This can work for off-semester students by swapping 5317 and 5318.

BSEE - POWER & RENEWABLE ENERGY

Sem							
1	Hist 1377	ENGI 1100	Engl 1303	ECE 1100	Math 1431	Chem 1372/1117	
2	Hist 1378		Engl 1304	ECE 1331	Math 1432	Phys 1321/1121	
3		Pols 1336	ECE 2100	ECE 2300	Math 2433	Phys 1322/1122	Math 3321
4	Humanities	Engi 2304	ECE 3331	ECE 3337	ECE 4436		
5		Vis Perf Arts		ECE 3355/3155	ECE 3364	ECE 3317	ECE Elective 16
6	Pols 1337	Inde 2333	ECE 5127	ECE 5377	ECE 2331		ECE Elective 16
7	Econ 2304	ECE 4335	ECE 4113	ECE 4363	ECE 2317		Technical Elective 16
8		ECE 4336	<i>Elective Lab</i>	Concentration Elec	Concentration Elec	Concentration Elec	<i>Elective Lab</i> 14
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Notes: 2 of 4 labs accounted for.
 These courses are currently taught in these semesters - no change needed.
 This can work for off-semester students by swapping 5377 and 4363.

BSEE - COMPUTERS & EMBEDDED SYSTEMS

Sem 1	Hist 1377	ENGI 1100	Engl 1303	ECE 1100	Math 1431	Chem 1372/1117		
2	Hist 1378		Engl 1304	ECE 1331	Math 1432	Phys 1321/1121		
3		Pols 1336	ECE 2100	ECE 2300	Math 2433	Phys 1322/1122	Math 3321	
4	Humanities	Engi 2304	ECE 3331	ECE 3337	ECE 4436			
5		Vis Perf Arts		ECE 3355/3155	ECE 3441+Lab	ECE 3317	ECE Elective	17
6	Pols 1337	Inde 2333		ECE 5440+Lab	ECE 2331		ECE Elective	16
7	Econ 2304	ECE 4335		COSC 1320	ECE 5367		Technical Elective	15
8		ECE 4336	Elective Lab	Concentration Elec	Concentration Elec	Concentration Elec	Elective Lab	14
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Notes: 2 of 4 labs accounted for.
 These courses are currently taught in these semesters - no change needed.
 This can work for off-semester students by swapping 5440 and 5367.
 For those electing 4437 instead of 5440, the last two years could look like this:

5		Vis Perf Arts		ECE 3355/3155	ECE 3441+Lab	ECE 3317	ECE Elective	17
6	Pols 1337	Inde 2333		COSC 1320	ECE 2331		ECE Elective	15
7	Econ 2304	ECE 4335		ECE 4437+Lab	ECE 5367		Technical Elective	16
8		ECE 4336	Elective Lab	Concentration Elec	Concentration Elec	Concentration Elec	Elective Lab	14
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Notes: 2 of 4 labs accounted for.
 These courses are currently taught in these semesters - no change needed.
 This can work for off-semester students by swapping 2331 and 5367, and 4437 and Pols 1337.