

Purdue-Wabash Articulation Agreement - Appendix

Recommended Courses to be Taken At Wabash

Program Degree	ME BSME	CHE BSChE	MUEN BSE	ECE BSEE	ECE BSCmpE
CHE 111 - General Chemistry	x	x	x	x	x
CHE 211 - Chem. Structure & React.		x			
CHE 221 - Organic Chemistry I		x			
CHE 321 - Organic Chemistry II		x			
CSC 111 - Intro Programming				x	x
CSC 112 - Advanced Programming					x
MAT 111 - Calculus I	x	x	x	x	x
MAT 112 - Calculus II	x	x	x	x	x
MAT 223 - Linear Algebra	x	x	x	x	x
MAT 224 - Differential Equations	x	x	x	x	x
MAT 225 - Multivariable Calculus	x	x	x	x	x
PHY 111 - General Physics I	x	x	x	x	x
PHY 112 - General Physics II	x	x		x	x
PHY 209 - General Physics III (PHY 113)					
RHE 101 - Public Speaking	x	x	x	x	x
Tech Elective Courses	3	0-1			
Science Selective Courses	1		2	1	1
Economics Elective	0-1				
World Affairs/Cultures Elective	1				
English Comp/Proficiency	x	x	x	x	x

x = course is required

= number of required courses for category

Please refer to individual departmental documentation for details of approved elective courses (Technical Electives, Science Selectives, etc.). Approved courses may vary across programs. Contact information for each departmental liaison is listed on the recommended plan of study sheets.

**Recommended Plan of Study
Mechanical Engineering, 3+2 Option**

Summer or Maymester	Cr. Hrs.
CGT 163	2
ME 200	3
ME 270	3
Total	8

Semester 1	Cr. Hrs.
ENGR 131	2
ME 274	3
ECE 201	3
ECE 207 (L)	1
ME 290	1
ME 323 (L)	3
Total	13

Semester 2	Cr. Hrs.
ENGR 132	2
ME 263 (L)	3
ME 365 (L)	3
MA 303	3
Total	11

Semester 3	Cr. Hrs.
ME 309 (L)	4
ME 352 (L)	3
Tech. El.	4
Rest. El. (RE-1)	3
Total	14

Semester 4	Cr. Hrs.
ME 315 (L)	4
ME 375	3
MSE 230	3
Rest. El. (RE-2)	3
Total	13

Summer Semester	Cr. Hrs.
ME 463 (L)	3
Total	3

School of Mechanical Engineering Contact:
James Jones, jonesjd@ecn.purdue.edu

Notes:

- Purdue requires 32 credit hours at Purdue taken at the 300 level or higher.
- MA 303 is required for the BSME and should be taken at Purdue.
- Economics Elective for the BSME must be in micro/macro economics or higher.

**Recommended Plan of Study
Mechanical Engineering, 3+2.5 Option**

Semester 1	Cr. Hrs.
ENGR 131	2
ME 200	3
MA 270	3
ECE 201	3
ECE 207 (L)	1
CGT 163	2
Total	14

Semester 2	Cr. Hrs.
ENGR 132	2
ME 274	3
ME 263 (L)	3
ME 323 (L)	3
ME 290	1
Total	12

Semester 3	Cr. Hrs.
MA 303	3
ME 309 (L)	4
ME 365 (L)	3
Tech. El.	4
Total	14

Semester 4	Cr. Hrs.
ME 315 (L)	4
ME 352 (L)	4
ME 375	3
MSE 230	3
Total	14

Semester 5	Cr. Hrs.
ME 463 (L)	3
Rest. El. (RE-1)	3
Rest. El. (RE-2)	3
Extra (as needed)	3
Total	12

School of Mechanical Engineering Contact:
James Jones, jonesjd@ecn.purdue.edu

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Recommended Plan of Study
Chemical Engineering, 2.5 + 2.5 Option

Semester 1	Cr. Hrs.
ENGR 131	2
CHE 205	4
Tech El.	3
MA 303	3
Total	12

Semester 2	Cr. Hrs.
CHE 200	0
ENGR 132	2
CHE 211	4
CHE 377	4
BIOL 230	3
Total	13

Semester 3	Cr. Hrs.
CHE 300	0
CHE 320	3
CHE 348	4
CHE 378	4
CHM 370	3
Total	14

Semester 4	Cr. Hrs.
CHE 400	1
CHE 306	3
CHE 456	3
CHE 449	3
CHE El.	3
EGR. El.	3
Total	16

Semester 5	Cr. Hrs.
CHE 330	3
CHE 435	4
CHE 450	2
CHE El.	3
Extra (as needed)	3
Total	15

School of Chemical Engineering Contact:
 David Corti, dscorti@purdue.edu
 Veronica Schirm, vaschirm@purdue.edu

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**Recommended Plan of Study
Multidisciplinary Engineering**

Semester 1	Cr. Hrs.
ENGR 131	2
ME 200	3
CE 297	3
EPICS 301	1
IDE 495	3
IE 343	3
Total	15

Semester 2	Cr. Hrs.
ENGR 132	2
IDE 301	1
CE 298	3
EPICS 302	2
ECE 201	3
ECE 207	1
Engr. Area Sel.	3
Total	15

Semester 3	Cr. Hrs.
CE 340	3
CE 343	1
MSE 230 or NUCL 273	3
Engr. Area Sel.	3
CGT 163	2
Addl. 300+ Crs (if needed)	
Total	12

Semester 4	Cr. Hrs.
IDE 485	3
Engr. Area Sel.	3
Engr. El. (300+)	3
Engr. El. (400+)	3
Addl. 300+ Crs (if needed)	
Total	12

Multidisciplinary Engineering Contact:
Phillip Wankat, wankat@ecn.purdue.edu

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**Recommended Plan of Study
Electrical & Computer Engineering, BSEE Option**

Summer Semester(s)	Cr. Hrs.
ECE 201	
ECE 207	
ENGR 131	
ENGR 132	
Total	0

Semester 1	Cr. Hrs.
ECE 200	
ECE 202	
ECE 255	
ECE 208	
ECE 270	
Electives	
Total	0

Semester 2	Cr. Hrs.
ECE 301	
ECE 302	
ECE 400	
Adv EE Sel + Lab	
Engr. Breadth El.	
Total	0

Semester 3	Cr. Hrs.
ECE 311	
Adv EE Selective	
Adv EE Selective	
Adv EE Lab	
Adv EE Lab	
Elective	
Total	0

Semester 4	Cr. Hrs.
Senior Design	
ECE Elective	
ECE Elective	
Electives	
Total	0

School of Electrical and Computer Engineering Contact:
Jeffery Gray, grayj@ecn.purdue.edu

Notes:

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Recommended Plan of Study
Electrical & Computer Engineering, BSCmpE Option

Summer Semesters	Cr. Hrs.
ECE 201	
ECE 207	
ENGR 131	
ENGR 132	
Total	0

Semester 1	Cr. Hrs.
ECE 200	
ECE 202	
ECE 255	
ECE 208	
ECE 264	
ECE 270	
Total	0

Semester 2	Cr. Hrs.
ECE 301	
ECE 337	
ECE 362	
ECE 368	
ECE 400	
Total	0

Semester 3	Cr. Hrs.
ECE 302	
ECE 364	
ECE 437 or ECE 468	
CmpE Elective	
Engr. Breadth El.	
Total	0

Semester 4	Cr. Hrs.
ECE 469 or ECE 437	
ECE 477	
ECE 369	
Elective	
Total	0

School of Electrical and Computer Engineering Contact:
 Jeffery Gray, grayj@ecn.purdue.edu

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