

## EEM Major Requirements

Engr Courses	Term	TM	CR	GR	Notes
GE 101 – Intro to Engineering	F				
GE 102 – Engineering Prob Solv. ^	S				P
ENGR 201 – Electrical Funds 1^	W				P
ENGR 202 - Electrical Funds 2	S				
ENGR 211 – Statics^	F				
ENGR 212 – Dynamics^	S				P
CHE 499 - Conv & ALtern	F				
IE 499 - Energy Regulations	F				
IE 499 – Energy Systems Assessment	W				
IE 415 – Simulation & Decision	W				
IE 425 Industrial Systems	F				
IE 497 – Senior Project/CAP	F				WIC
IE 498 – Senior Project/CAP	W				WIC
ME 499 – Energy Distribution	F				
ME 499 – Energy Storage	W				
ME 311 – Intro Thermal Fluid	F				
ME 312 – Thermodynamics	W				
ME 331 – Intro to Fluids Mech.	W				
Restricted Electives - ENGR 213	W				
Restricted Electives – ME 332 or ME 382	W, F				

Sci/ Mth Courses	Term	TM	CR	GR	Notes
CH 221 – Chemistry ^	F, W				P
CH 222 – Chemistry	W, S				
CIS 122 – Intro to Programming	W				
PH 211 – Physics w/ Calc I^	W				P
PH 212 – Physics w/ Calc II^	S				P
PH 213 – Physics w/ Calc III^	F				P
MTH 251 – Calculus I^	F, W				P
MTH 252 – Calculus II^	W, S				P
MTH 253 – Calculus III^	F, S				P
MTH 256 – Applied Diff Eq.^	F				P
MTH 254 – Vector Calc I^	W				P
ST 314 – Intro Stats for Engrs	S				

Bus / NR Courses	Term	TM	CR	GR	Notes
BA 217 – Accounting Funds <i>Or BA 215 online ALL TERMS</i>	F, S				
EC 201 – Microeconomic <i>Or EC 201 online ALL TERMS</i>	F, W, S, SU				BC: SPI
BA 352 – Ind. & Team Perform <i>Or BA 351 online F, S, SU</i>	S				
BA 357 – Operations Mgmt <i>Or online F, W</i>	W				
BA 360 – Intro Fin Mgmt <i>Or online ALL TERMS</i>	F, W, SU				
BA 364 – Project Mgmt <i>Or online F, S, SU</i>	W				
NR 350 – Sustain Communities	F				BC: CGI

## Baccalaureate Core Requirements

Skills/Perspectives (not including Mth/Sci in Major Reqs)	TR	CR	GR	Notes
WR 121^		4		P
WR 122 or WR 227 <i>WR 222 or 327online/OSU</i>		4		
SP 111 ^ <i>COMM 111 or 114 online/OSU</i>		3		P
HHP 295		3		
Biological Science		4		
Western Culture		3-4		#
Cultural Diversity		3-4		#
Lit & Arts		3-4		#
EC 201 satisfies -Social Process & Inst		4		#
Difference, Power, and Discrimination		3-4		#
<b>Synthesis</b> <i>Must be taken from 2 different departments</i>				
NR 350 satisfies – Contemporary Global Issues		<b>4</b>		
Science, Tech, and Society		<b>3-4</b>		
WIC – Satisfied by IE 497 & IE 498		<b>4</b>		

### NOTES:

^ = Courses used for Pre-Engr. GPA

P = Pre-Engineering course required for Pro-School of Engineering

# = No more than 2 courses from the same department to fill these requirements.

- See **Sample Curriculum Flow Chart** or **OSU Catalog** for Pre- requisites
- See your Academic Advisor for Restricted Elective information
- Use the sample course curriculum flow chart for academic planning.

# 2011/2012 EEM Degree Checklist

Student Name: \_\_\_\_\_

COCC ID: \_\_\_\_\_

OSU ID: \_\_\_\_\_



## Important Numbers:

- 180—total number of credits required to graduate from OSU
- 60—number of upper division credits required
- 124—maximum number of credits which can be transferred from a community college
- 45 of last 75 credits must be OSU credits

## Specific requirements for College of Engineering:

- Students must apply to the College of Engineering for admission to the Energy Engineering Management professional program.
- To apply, grades of "C" or better and a minimum of 2.25 cumulative GPA must be earned in pre-engineering courses.
- *Admission may require a higher GPA if the number of students applying exceeds a program's capacity.*

## Important Notes:

- It is the student's responsibility to make certain that all prerequisites are met or advisor permission is granted for courses that require one or both of these conditions.
- **It is the student's responsibility to double check that all requirements are met. The advisor can suggest courses and assist the student in constructing a plan of study, but the student, in the end, is responsible for assuring all requirements for graduation are met.**

## Important Links

### Professional School:

<http://engr.oregonstate.edu/students/advising/proappFAQ.html>

### MECOP Internship:

<http://mecop.ous.edu/>

### Professional School & MECOP Application:

<http://engr.oregonstate.edu/students/advising/index.html>

### Bacc Core Information:

Use the OSU-Cascades Bacc Core Course Guide to choose correct courses to fulfill Bacc Core requirements.

[http://www.osucascades.edu/sites/default/files/BACC\\_CORE\\_Distribution\\_List\\_0.pdf](http://www.osucascades.edu/sites/default/files/BACC_CORE_Distribution_List_0.pdf) or under current students, General Education at OSU-Cascades website

**Disclaimer: All info is subject to change. Catalog year is based on when a student is admitted to OSU and declares their major or minor.**