

UC 11385 11F

APPROVED FEB 22 2012  
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UNIVERSITY of HOUSTON

DEPARTMENT OF CHEMICAL AND BIOMOLECULAR ENGINEERING

### MEMORANDUM

**To:** College of Engineering Undergraduate Curriculum Committee  
**From:** Demetre Economou  
**Re:** Updated CHEE Degree Plan  
**Date:** September 22, 2011

RECEIVED OCT 14 2011  
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Attached please find an updated CHEE degree plan reflecting the replacement of MATH 3321 by CHEE 3321, that was approved by the UH UC last year.

Please let me know if you need any other information.

Thank you for your consideration.

Sincerely,

Demetre J. Economou

Dean's Signature:

David P. Shattuck

Date: 12 Oct 2011

UNDERGRADUATE DEGREE-PLAN

Effective Fall 2011

**FIRST YEAR**

*Fall Semester*

<u>Course #</u>	<u>Course</u>	<u>Hrs.</u>
CHEE 1131	Chem. Eng., Challenges	1
CHEM 1111	Fund. of Chemistry Lab	1
CHEM 1331	Fund.. of Chemistry	3
ENGL 1303	English Composition I	3
HIST 1377	U.S. History to 1877	3
MATH 1431	Calculus I	4
POLS 1336	U.S. & Texas Politics	3

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*Spring Semester*

<u>Course #</u>	<u>Course</u>	<u>Hrs.</u>
CHEM 1112	Fund. of Chemistry Lab	1
CHEM 1332	Fund.. of Chemistry	3
ENGL 1304	English Composition II	3
MATH 1432	Calculus II	4
PHYS 1321	Engineering Physics I	3

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**THIRD YEAR**

*Fall Semester*

<u>Course #</u>	<u>Course</u>	<u>Hrs.</u>
	Adv. Chem. elective	3
CHEE 3333	ChE Thermo. II	3
CHEE 3334	Stat/Numer. Techn.	3
CHEE 3363	Fluid Mech. for ChE	3
PHYS 1322	Engr. Physics II	3
ECON 2304		3

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*Spring Semester*

<u>Course #</u>	<u>Course</u>	<u>Hrs.</u>
CHEE 3367	Proc. Mod. & Control	3
CHEE 3369	ChE Transport Proc.	3
CHEE 3462	Unit Operations	4
CHEE 3466	Bio & Physical Chem	4

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**SECOND YEAR**

*Fall Semester*

<u>Course #</u>	<u>Course</u>	<u>Hrs.</u>
CHEE 1331	Computing for Engineers	3
CHEE 2331	Chemical Processes	3
CHEM 3331	Fund. of Organic Chem. I	3
MATH 2433	Calculus III	4
POLS 1337	U.S. Government	3

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*Spring Semester*

<u>Course #</u>	<u>Course</u>	<u>Hrs.</u>
CHEE 2332	Chem. Eng. Thermo. I	3
CHEE 3300	Materials Science & Eng.	3
CHEM 3221	Fund. of Org. Chem. Lab	2
CHEM 3332	Fund. of Organic Chem. II	3
ENGI 2304	Technical Communications	3
CHEE 3321	Analyt. Math. for Chem. Eng.	3

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**FOURTH YEAR**

*Fall Semester*

<u>Course #</u>	<u>Course</u>	<u>Hrs.</u>
CHEE 4321	ChE Design I	3
CHEE 4361	ChE Practices	3
CHEE 4367	Chem. Reaction Eng.	3
HIST 1378	US Hist. since 1877	3
CHEE 4366	Biomolecular Engr	3
Vis./Perf.	Arts core	3

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18

*Spring Semester*

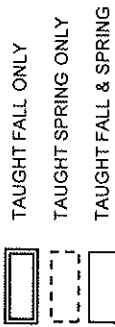
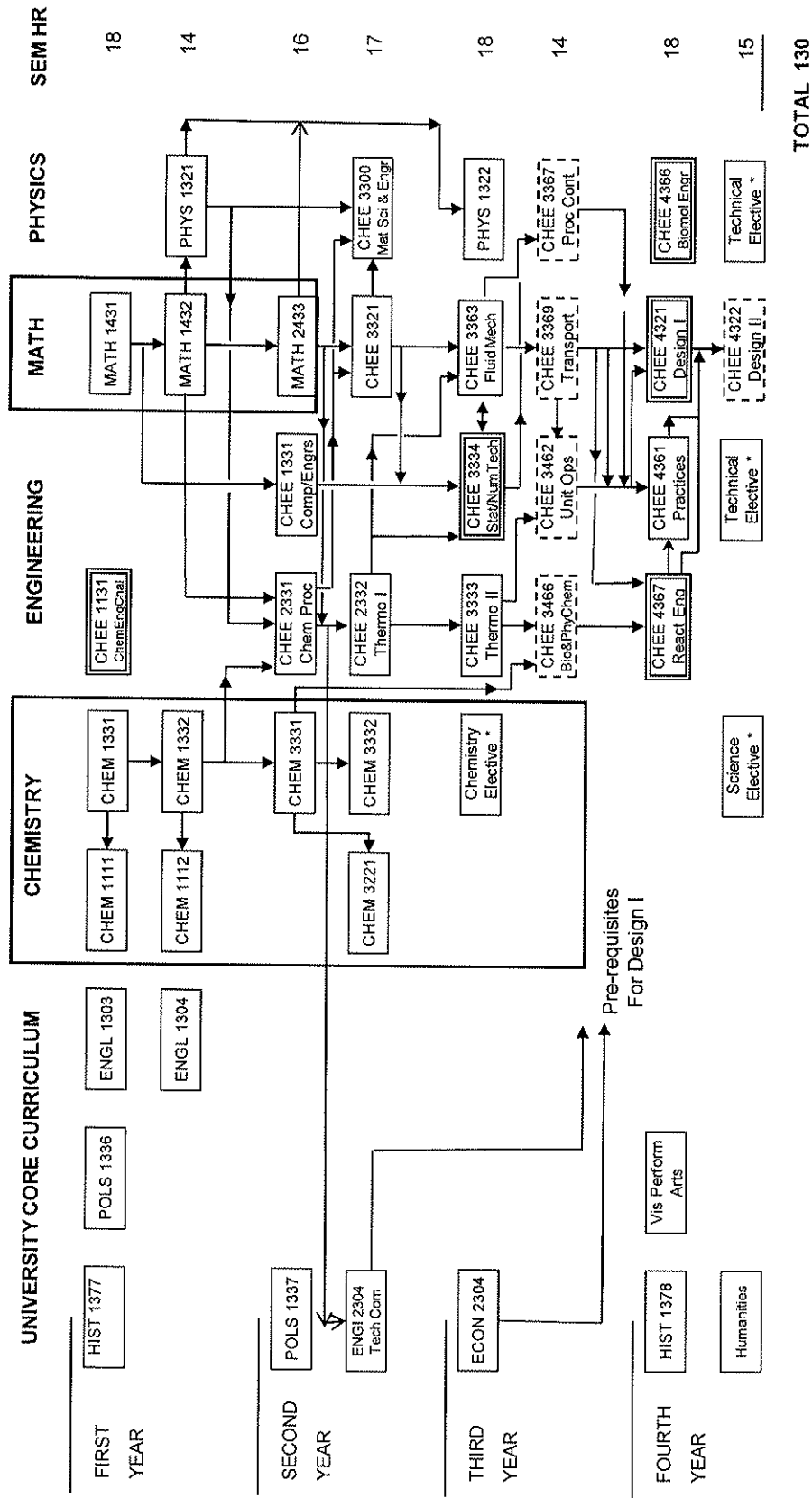
<u>Course #</u>	<u>Course</u>	<u>Hrs.</u>
	Adv. Sci. elective	3
CHEE 4322	ChE Design II	3
	Humanities Core	3
	Technical elective	3
	Technical elective	3

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15

(9/22/11)

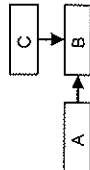
**TOTAL UNDERGRADUATE HOURS 130**

# CHEMICAL ENGINEERING CURRICULUM 2011



\* From approved list published every Fall and Spring by the department

1. Arrow to top of box means C is a prerequisite for B
2. Arrow to side of box means credit or registration in A at the same time as B



Modified 05/2011

