Requirements for Obtaining a Bachelors Degree in Chemical Engineering at Brigham Young University

Tom Fletcher

Ch En 191
September 11, 2014
Agenda for Day 2

- Assignment Due Last Th: **Info Sheet with signature for FERPA and alias name**
- Assignment Due Today: **Resume**
  - Pass to 2 classmates to review (now!)
  - I will review these after class next week, or earlier if you bring them by my office
- Assignment due next week: **Master of Learning**
- Mark your own attendance
- Hints on ChE Curriculum
- Meet your advisor
Resources for Questions on ChE Curriculum

• Major academic plan (MAP)
• ChE web pages
  – cheme.byu.edu
• Your ChE advisor
• College advisement center
  – Please declare your major as soon as you are comfortable with this major
Six Principles

1. Flow Chart
2. Math & Chemistry
3. Professional Program
4. Electives
5. GE tips
6. Course Plan Document
Note that Math and Chemistry are prerequisites to many other classes
3. Professional Program

- These are classes in the professional program
- You need to be “accepted” into the professional program after the sophomore year
- You have to take most of the pre-professional classes before admission to the professional program
  - MUST have ChEn 273
- Classes only offered once a year, so get things lined up correctly!
- Do your best in Math, Chemistry, and especially ChEn 273
4. Technical Electives
(pick one area or mix and match)

- Energy/Environment
- Nuclear Engineering
- Kinetics/Catalysis
- Thermodynamics/Thermophysical Properties
- Bioengineering
- Modeling/Numerical Methods
- Mechanical, Civil, or Electrical Engineering
- School of Technology
- Geology for Engineers
- Graduate School

6 hours of Engineering 300 level or above

- Engineering
- Math
- Science
- Business

4 hours of EMSB 300 level or above
5. GE Tips

• GCA is filled by Engineering Technology 231
  – Eng T 231 is a leadership class, not an English class
• Civ 2, Arts, and Letters requirements can be filled by two classes, not three
  – Take a Civ 2 class that double counts as either Arts or Letters, but not GCA
6. Course Plan Document

• Prepare a course plan indicating when you will take the courses required for graduation

• Use the MS Excel Planning Worksheet to help you with the planning
  – on the department web site
  – emailed to you

• This will be the **Course Plan Assignment**
  – You will have to meet with your ChE faculty advisor!
  – Enter your plan on MyMap
http://chemicalengineering.byu.edu/PlanningWorksheet2013-2014.xlsx

Or
Cheme.byu.edu

- Undergraduate Program
- Course Planning
- Planning Worksheets
- Pick the year that you officially declared ChE as you major
Advice

• Get Involved
  – AIChE
  – Biomedical club
  – Career Fair
  – Etc.

• Study in groups
  – No one can do this alone

• We’re not ogres
  – Come see us in the office
Meet the Faculty

Morris D. Argyle
Catalysis

Larry L. Baxter
Sustainable Energy

Brad C. Bundy
Biochemical

Lon Cook
Biomedical

Thomas Fletcher
Combustion

John N. Harb
Electrochemical Systems

William C. Hecker
Catalysis

John Hedengren
Process Systems Engineering

Thomas A. Knotts
Molecular Simulation

Randy S. Lewis
Biochemical

David O. Lignell
Combustion

William G. Pitt
Biochemical

Dean R. Wheeler
Electrochemical Systems

Vince Wilding
Thermophysical Properties

Matt Memmott
Nuclear
### Meet Your Advisor

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