

NAME: _____ UNM ID NUMBER: _____

CBE CORE COURES (15 hrs)

Must be completed in the first year of the program.

Semester	Course	Title	Hours	Grade	Notes
SP	CBE 502	Chemical & Biological Engineering Research Practices	3		
FA	CBE 521	Advanced Transport Phenomena I	3		
FA	CBE 525	Methods of Analysis in Nuclear, Chemical & Biological Engineering	3		
SP	CBE 542	Advanced Chemical Engineering Thermodynamics	3		
SP	CBE 561	Kinetics of Chemical Processes	3		

CBE 501 (6 hrs)

Required each fall and spring unless otherwise approved by CBE Director of Graduate Programs.

Semester	Course	Title	Hours	Grade	Notes
FA	CBE 501	Chemical & Biological Engineering Seminar	1		
SP	CBE 501	Chemical & Biological Engineering Seminar	1		
FA	CBE 501	Chemical & Biological Engineering Seminar	1		
SP	CBE 501	Chemical & Biological Engineering Seminar	1		
FA	CBE 501	Chemical & Biological Engineering Seminar	1		
SP	CBE 501	Chemical & Biological Engineering Seminar	1		

TECHNICAL ELECTIVES (15 hrs)

Technical Electives for PhD should be chosen in consultation with the CBE Director of Graduate Programs or the student's research advisor. They may include the following:

- Any graduate level course taught by the School of Engineering (BME, CBE, CE, CS, ECE, ENG, ME, NE, NSME)
- Any graduate level course taught by the following departments: ASTR, BIOC, BIOL, CHEM, EPS, MATH, PHYS, or STAT
- Students interested in business management may also choose from: MGMT 501, 502, 504, 508, 511, 520, 526, 560, 564, 598, or 600.
- Problems/Independent Study/Research Courses may be taken and applied toward technical electives with permission of the CBE Director of Graduate Programs (see Graduate Student Handbook for full details on petition process).
- Students may not apply seminar or lab group meeting credit toward technical electives.

NOTE: Graduate level course is defined as any 500-level course or higher OR any 300- or 400-level course that has a "*" or any 300- or 400-level, non-CBE course with a "***" in the UNM Catalog course descriptions.

Semester	Course	Title	Hours	Grade	Notes

Electives (12 hrs)

Can be more CBE 501, more technical electives, or group meetings. Must be a 500+ Level course or a "*" or "***" course.

Semester	Course	Title	Hours	Grade	Notes

CBE 699 (18 hrs)

Must be completed after having passed the Comprehensive Exam. May be taken for 3-12 hrs at a time. No limit on how many times it may be taken, but 18 hrs are required in order to graduate.

Semester	Course	Title	Hours	Grade	Notes
	CBE 699	Dissertation			

EXAMS & PAPERWORK

1. Qualifying Exam

Must be completed at the end of the first year in the program, after CBE Core Courses are complete. Students may not move forward in the PhD program without successfully passing the Qualifying Exam. Exams are held every fall and spring semester.

Date Complete: _____

Outcome: _____

2. Announcement of Exam: Comprehensive Exam

[Website Here](#)

Due: 2 weeks prior to exam

3. Comprehensive Exam

Formal proposal of your research for your dissertation.

Must be completed before the end of your fifth semester in the PhD program.

Must complete all degree requirements within 5 years from the date the Comprehensive Exam is passed.

Date Complete: _____

Outcome: _____

4. Application for Candidacy (AfC)

[Website Here](#)

Deadlines

Spring Graduation: Last day of Fall term

Summer Graduation: Last day of Spring term

Fall Graduation: Last day of the Summer term

Note: It is recommended that you review your AfC with a CBE academic advisor before you submit it.

Date AC Approved by GS: _____

Date Added to Grad List: _____

5. Announcement of Exam: Dissertation Defense

[Website Here](#)

Due: 2 weeks prior to exam

6. Defend Dissertation

Deadlines

Spring Graduation: April 15th

Summer Graduation: July 15th

Fall Graduation: November 15th

Date Complete: _____

Outcome: _____

7. Format & Submit Dissertation

[Website Here](#)

Deadlines

Summer Graduation: July 15th

Fall Graduation: November 15th

Notes: