

# CHEMISTRY & BIOCHEMISTRY: PH.D. CURRICULUM GUIDE/CHECK LIST

(REVISED 5-10-17)

## 60 HOURS REQUIRED FOR GRADUATION<sup>1</sup>

This schedule is a *guideline*. Actual registration should be decided upon by advisor and student. Ph.D. requires 60 hours.

**NOTE:** To finish in less than four years, this schedule must be accelerated.

### Coursework Year 1

Semester 1		Hours	Semester 2		Hours
3 Graduate Courses		9	2 Graduate Courses		6
Faculty Research Seminars <sup>2</sup>		0			
<b>Total</b>		9	<b>Total</b>		6
Summer		Hours	Submit Committee Appointment Request form		
898 Research in Chemistry II		3	(G-DCA) by end of May (Dec for Jan entry) to		
<b>Cumulative Total</b>		18	the Graduate Office.		

### REQUIREMENTS

**Year 1:** Join a research group by end of first semester  
Achieve DGPR of 3.0 and qualify in two areas by end of second semester.

### Coursework Year 2

Semester 3		Hours	Semester 4 <sup>4</sup>		Hours
PLAN/Oral Comp			Proposal/Written Comp		
790 Intro to Research (graded)		3	791 Intro to Research (graded)		3
			701 Seminar <sup>3</sup>		1
898 Research in Chemistry II		3	898 Research in Chemistry II		2
<b>Total</b>		6	<b>Total</b>		6
Summer		Hours			
898 Research in Chemistry II		3			
<b>Cumulative Total</b>		33	*DPOS & PhD candidacy		

**Years 2 & 3:** Research plan defense (third semester) and research proposal defense (fourth or fifth semester).  
Present first seminar by end of fourth semester and second by end of sixth semester.

### Coursework Year 3

Semester 5		Hours	Semester 6		Hours
898 Research in Chemistry II		5	898 Research in Chemistry II		6
701 SEMINAR <sup>5</sup>		1			
<b>Total</b>		6	<b>Total</b>		6
Summer		Hours			
898 Research in Chemistry II		3			
<b>Cumulative Total</b>		48			

**\*DPOS & Admission to PhD Candidacy** - after successful plan and proposal defenses plus recommendation of advisor on research progress. Must submit doctoral program of study (DPOS); occurs at end of fourth or fifth semester

### Coursework Year 4

Semester 7		Hours	Semester 8 <sup>7</sup>		Hours
899 Dissertation Prep <sup>6</sup>		6	899 Dissertation Prep <sup>6</sup>		5
<b>Total</b>		6	<b>Total</b>		5
Summer		Hours			
899 Dissertation Prep <sup>6</sup>		1			
<b>Total</b>		1			
<b>Cumulative Total</b>		60			

**Years 4 & 5:** Research until dissertation defense (public seminar and then committee meeting).

- <sup>1</sup> 30 hours required if student enters with M.S.
- <sup>2</sup> Short research seminars by faculty: attendance required for students admitted in fall semester.
- <sup>3</sup> 701 Seminar – first must be presented by end of fourth and the second by the end of the sixth semester.
- <sup>4</sup> M.S. program requires 30 credits: M.S. and Ph.D. programs are basically the same through semester 4 except the Proposal/Written Comp is not required for the M.S. M.S. students continue to enroll in 898 (6 credits required) until graduation and must be registered for 1 credit during the final semester. To graduate with M.S. at the end of Year 2, additional credits must be taken in the final summer. The M.S. requires a thesis with a second reader.
- <sup>5</sup> Second 701-seminar alternative: take 6 credits 898 in the fall, 5 credits 898 + 1 credit 701 in the spring.
- <sup>6</sup> Students in Ph.D. program continue to enroll in 899 until graduation and must register for at least 1 credit during dissertation defense semester.
- <sup>7</sup> Students with 55 or more credit hours should apply for Z status (Graduate School form).