

## Q2S Binder for Chemistry and Biochemistry

## General Info

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## Department/School Info

**College:** A&S(null)**Department:** CHEM(Chemistry and Biochemistry)**Mission:** The department's mission is to provide a quality education to undergraduate and graduate students while pursuing state-of-the-art research in Chemistry and Biochemistry. Chemistry is a central science in any university. In addition to educating our own majors, Chemistry is required for majors from many other areas including biological sciences, physics, chemical, civil, electrical and mechanical engineering, pre-medicine, health sciences, environmental sciences, etc. At Ohio University more than 5,000 students take Chemistry courses each year.

## Programs

Moving to Semesters	Code	Name	Degree	Status	Level
No	BA3312	CHEM PRE-DENTISTRY	BACHELOR OF ARTS	REVIEW	UCC
Yes	BS3312	CHEM PRE-DENTISTRY	BACHELOR OF SCIENCE	REVIEW	UCC
Yes	BS3314	CHEM PRE-MEDICINE	BACHELOR OF SCIENCE	REVIEW	UCC
No	BA3314	CHEM PRE-MEDICINE	BACHELOR OF ARTS	REVIEW	UCC
Yes	BS3313	CHEM PRE-PHARMACY	BACHELOR OF SCIENCE	REVIEW	UCC
Yes	BA3311	CHEMISTRY	BACHELOR OF ARTS	REVIEW	UCC
Yes	BS3311	CHEMISTRY	BACHELOR OF SCIENCE	REVIEW	UCC
Yes	BS1904	CHEMISTRY	BACHELOR OF SCIENCE IN CHEMISTRY	REVIEW	UCC
No	BA3315	CHEMISTRY ENVIRONMENTAL	BACHELOR OF ARTS	REVIEW	UCC
Yes	BS3315	CHEMISTRY ENVIRONMENTAL	BACHELOR OF SCIENCE	REVIEW	UCC
Yes	BS3316	CHEMISTRY/BIOCHEM	BACHELOR OF SCIENCE	REVIEW	UCC
Yes	BS3310	FORENSIC CHEMISTRY	BACHELOR OF SCIENCE	REVIEW	UCC
Yes	OR3311	CHEMISTRY MINOR	CHEMISTRY MINOR	REVIEW	UCC
Yes	MS3311	CHEMISTRY	MASTER OF SCIENCE	REVIEW	UCC
Yes	PH3311	CHEMISTRY	DOCTOR OF PHILOSOPHY	REVIEW	UCC
Yes	PH6946	MOLECULAR/CELLULAR BIOL	DOCTOR OF PHILOSOPHY	REVIEW	UCC
Yes	SCCHEM	SCCHEM Shared Components	N/A	REVIEW	UCC

## Courses

Course ID	Name	Course Type	Doc. Type	Doc. Status	Review Level
CHEM 1010	CHEM APPL TO TODAYS WORLD	TIER2	EXPEDITED	REVIEW	UCC
CHEM 1100	INTRO TO PHARMACY		EXPEDITED	REVIEW	UCC
CHEM 1150	PLTL FOR CHEM 1500		EXPEDITED	REVIEW	UCC
CHEM 1151	PLTL FOR CHEM 151		EXPEDITED	REVIEW	UCC
CHEM 1152	PLTL FOR CHEM 1520		EXPEDITED	REVIEW	UCC
CHEM 1210	PRIN OF CHEMISTRY I	TIER2	EXPEDITED	REVIEW	UCC
CHEM 1220	PRIN OF CHEMISTRY II	TIER2	EXPEDITED	REVIEW	UCC
CHEM 1500	CONCEPTS IN CHEMISTRY		EXPEDITED	REVIEW	UCC
CHEM 1510	FUND OF CHEMISTRY I	TIER2	EXPEDITED	REVIEW	UCC
CHEM 1520	FUND OF CHEMISTRY II	TIER2	EXPEDITED	REVIEW	UCC
CHEM 2410	Analytical Chemistry I		EXPEDITED	REVIEW	UCC
CHEM 2410L	Analytical Chemistry I Lab		EXPEDITED	REVIEW	UCC
CHEM 2970T	CHEMISTRY TUTORIAL		EXPEDITED	REVIEW	UCC
CHEM 2971T	CHEMISTRY TUTORIAL		SEMESTER	REVIEW	UCC
CHEM 2980T	CHEMISTRY TUTORIAL		EXPEDITED	REVIEW	UCC
CHEM 2981T	CHEMISTRY TUTORIAL		EXPEDITED	REVIEW	UCC
CHEM 3005	PLTL FOR CHEM 3050		EXPEDITED	REVIEW	UCC
CHEM 3006	PLTL FOR CHEM 3060		EXPEDITED	REVIEW	UCC
CHEM 3010	ORGANIC CHEMISTRY		EXPEDITED	REVIEW	UCC

CHEM 3050	ORGANIC CHEMISTRY		EXPEDITED	REVIEW	UCC
CHEM 3060	ORGANIC CHEMISTRY		EXPEDITED	REVIEW	UCC
CHEM 3080	ORGANIC CHEMISTRY LAB		EXPEDITED	REVIEW	UCC
CHEM 3085	ORGANIC CHEMISTRY LAB		EXPEDITED	REVIEW	UCC
CHEM 3090	ORGANIC CHEMISTRY LAB II		EXPEDITED	REVIEW	UCC
CHEM 3510	PHYSICAL CHEMISTRY		EXPEDITED	REVIEW	UCC
CHEM 3760	FUND INORGANIC CHEM		EXPEDITED	REVIEW	UCC
CHEM 3970T	CHEMISTRY TUTORIAL		EXPEDITED	REVIEW	UCC
CHEM 3980T	CHEMISTRY TUTORIAL		EXPEDITED	REVIEW	UCC
CHEM 4200	CHEMICAL LITERATURE		EXPEDITED	REVIEW	UCC
CHEM 4310	Analytical Chemistry II		EXPEDITED	REVIEW	UCC
CHEM 4310L	Analytical Chemistry II Lab		EXPEDITED	REVIEW	UCC
CHEM 4530	PHYSICAL CHEMISTRY I		EXPEDITED	REVIEW	UCC
CHEM 4530L	PHYSICAL CHEMISTRY I LAB		EXPEDITED	REVIEW	UCC
CHEM 4540	PHYSICAL CHEMISTRY II		EXPEDITED	REVIEW	UCC
CHEM 4540L	PHYSICAL CHEMISTRY II LAB		EXPEDITED	REVIEW	UCC
CHEM 4600	SPECTRO METHODS ORGANIC		EXPEDITED	REVIEW	UCC
CHEM 4601	ADVANCED ORGANIC LAB		EXPEDITED	REVIEW	UCC
CHEM 4760	MODERN INORGANIC CHEM		EXPEDITED	REVIEW	UCC
CHEM 4760L	ADVANCED INORGANIC LAB		EXPEDITED	REVIEW	UCC
CHEM 4800	ADVANCED ORGANIC CHEM		EXPEDITED	REVIEW	UCC
CHEM 4840	Forensic Chemistry I		EXPEDITED	REVIEW	UCC
CHEM 4840L	Forensic Chemistry I Lab	UNDERGRAD	SEMESTER	REVIEW	UCC
CHEM 4850	INTRO TO TOXICOLOGY		EXPEDITED	REVIEW	UCC
CHEM 4870	Forensic Chemistry II	TIER3	EXPEDITED	REVIEW	UCC
CHEM 4870L	FORENSIC CHEMISTRY II LAB	TIER3	EXPEDITED	REVIEW	UCC
CHEM 4890	BASIC BIOCHEMISTRY		EXPEDITED	REVIEW	UCC
CHEM 4901	BIOCHEMISTRY I		EXPEDITED	REVIEW	UCC
CHEM 4902	BIOCHEMISTRY II		EXPEDITED	REVIEW	UCC
CHEM 4903	BIOCHEM TECHNIQUES		EXPEDITED	REVIEW	UCC
CHEM 4910	FORENSIC CHEM INTERNSHIP		EXPEDITED	REVIEW	UCC
CHEM 4940	UNDERGRADUATE RESEARCH		EXPEDITED	REVIEW	UCC
CHEM 4940H	CHEM HONORS THESIS		EXPEDITED	REVIEW	UCC
CHEM 4941	UNDERGRADUATE RESEARCH	TIER3	EXPEDITED	REVIEW	UCC
CHEM 4970T	CHEMISTRY TUTORIAL		EXPEDITED	REVIEW	UCC
CHEM 4980T	CHEMISTRY TUTORIAL		EXPEDITED	REVIEW	UCC
CHEM 5100	CHEM TA TRAINING		EXPEDITED	REVIEW	UCC
CHEM 5200	CHEMICAL LITERATURE	GRADUATE	EXPEDITED	REVIEW	UCC
CHEM 5310	Analytical Chemistry II	GRADUATE	EXPEDITED	REVIEW	UCC
CHEM 5310L	Analytical Chemistry II Lab	GRADUATE	EXPEDITED	REVIEW	UCC
CHEM 5510	PHYSICAL CHEMISTRY	GRADUATE	EXPEDITED	REVIEW	UCC
CHEM 5530	PHYSICAL CHEMISTRY I	GRADUATE	EXPEDITED	REVIEW	UCC
CHEM 5540	PHYSICAL CHEMISTRY II	GRADUATE	EXPEDITED	REVIEW	UCC
CHEM 5600	SPECTRO METHODS ORGANIC	GRADUATE	EXPEDITED	REVIEW	UCC
CHEM 5760	MODERN INORGANIC CHEM	GRADUATE	EXPEDITED	REVIEW	UCC
CHEM 5800	ADVANCED ORGANIC CHEM	GRADUATE	EXPEDITED	REVIEW	UCC
CHEM 5840	Forensic Chemistry I	GRADUATE	EXPEDITED	REVIEW	UCC
CHEM 5840L	Forensic Chemistry I Lab	GRADUATE	SEMESTER	REVIEW	UCC
CHEM 5850	INTRO TO TOXICOLOGY	GRADUATE	EXPEDITED	REVIEW	UCC
CHEM 5860	ADVANCED ANALYTICAL CHEM		EXPEDITED	REVIEW	UCC
CHEM 5870	Forensic Chemistry II	GRADUATE	EXPEDITED	REVIEW	UCC
CHEM 5870L	FORENSIC CHEMISTRY II LAB	GRADUATE	EXPEDITED	REVIEW	UCC
CHEM 5890	BASIC BIOCHEMISTRY	GRADUATE	EXPEDITED	REVIEW	UCC
CHEM 5901	BIOCHEMISTRY I	GRADUATE	EXPEDITED	REVIEW	UCC
CHEM 5902	BIOCHEMISTRY II	GRADUATE	EXPEDITED	REVIEW	UCC
CHEM 6950	RESEARCH & THESIS		EXPEDITED	REVIEW	UCC
CHEM 7010	ADVANCED ORGANIC CHEM I		EXPEDITED	REVIEW	UCC
CHEM 7020	ADVANCED ORGANIC CHEM II		EXPEDITED	REVIEW	UCC
CHEM 7030	PHYSICAL ORGANIC CHEM		EXPEDITED	REVIEW	UCC
CHEM 7040	HETEROCYCLIC CHEMISTRY		EXPEDITED	REVIEW	UCC
CHEM 7050	ORGANOMETALLIC CHEMISTRY		EXPEDITED	REVIEW	UCC
CHEM 7060	NATURAL PRODUCT CHEMISTRY		EXPEDITED	REVIEW	UCC
CHEM 7110	PROTEIN CHEMISTRY		EXPEDITED	REVIEW	UCC
CHEM 7150	ADVANCED SPECIAL TOPICS		EXPEDITED	REVIEW	UCC
CHEM 7160	ENZYMOLGY		EXPEDITED	REVIEW	UCC

CHEM 7260	ELECTROANALYTICAL CHEM		EXPEDITED	REVIEW	UCC
CHEM 7270	SPECTROCHEMICAL ANALYSIS		EXPEDITED	REVIEW	UCC
CHEM 7280	ANALYT SEPARATION		EXPEDITED	REVIEW	UCC
CHEM 7290	INTRO CHEMOMETRICS		EXPEDITED	REVIEW	UCC
CHEM 7300	SPEC TOPICS ANALYTIC CHEM		EXPEDITED	REVIEW	UCC
CHEM 7530	CHEM APPL GROUP THEORY		EXPEDITED	REVIEW	UCC
CHEM 7570	CHEMICAL KINETICS		EXPEDITED	REVIEW	UCC
CHEM 7580	SOLID STATE CHEMISTRY		EXPEDITED	REVIEW	UCC
CHEM 7610	MOLECULAR STRUCTURE I		EXPEDITED	REVIEW	UCC
CHEM 7750	THEORETICAL INORG CHEM		EXPEDITED	REVIEW	UCC
CHEM 7760	CHEM REPRESENTATIVE ELEM		EXPEDITED	REVIEW	UCC
CHEM 7770	CHEM OF TRANSITION ELEM		EXPEDITED	REVIEW	UCC
CHEM 7780	CHEM OF HEAVY ELEMENTS		EXPEDITED	REVIEW	UCC
CHEM 7900	SPEC TOPICS INORGANIC CHEM		EXPEDITED	REVIEW	UCC
CHEM 7901	SPEC TOPICS ORGANIC CHEM		EXPEDITED	REVIEW	UCC
CHEM 7950	SPEC TOPICS PHYSICAL CHEM		EXPEDITED	REVIEW	UCC
CHEM 8950	DOCTORAL RESEARCH DISS		EXPEDITED	REVIEW	UCC
CHEM 8960	INORGANIC CHEM SEMINAR		EXPEDITED	REVIEW	UCC
CHEM 8970	ORGANIC CHEM SEMINAR		EXPEDITED	REVIEW	UCC
CHEM 8980	PHYSICAL CHEM SEMINAR		EXPEDITED	REVIEW	UCC
CHEM 8990	ANALYTICAL CHEM SEMINAR		EXPEDITED	REVIEW	UCC
CHEM D015	PREP FOR COLL CHEMISTRY	DEVELOPMENT	EXPEDITED	REVIEW	UCC

#### Exceptions - Credit Analysis

Course ID	Name	Type	Credit Hours	Components	Doc. Status	Review Level	
CHEM 1150	PLTL FOR CHEM 1500	EXPEDITED	1.0	TUTORIAL	2.0	REVIEW	UCC
CHEM 1151	PLTL FOR CHEM 151	EXPEDITED	1.0	TUTORIAL	2.0	REVIEW	UCC
CHEM 1152	PLTL FOR CHEM 1520	EXPEDITED	1.0	TUTORIAL	2.0	REVIEW	UCC
CHEM 3005	PLTL FOR CHEM 3050	EXPEDITED	1.0	TUTORIAL	2.0	REVIEW	UCC
CHEM 3006	PLTL FOR CHEM 3060	EXPEDITED	1.0	TUTORIAL	2.0	REVIEW	UCC
CHEM 3080	ORGANIC CHEMISTRY LAB	EXPEDITED	1.0	LECTURE	1.0	REVIEW	UCC
				LABORATORY	2.0		
CHEM 3085	ORGANIC CHEMISTRY LAB	EXPEDITED	1.0	LABORATORY	3.0	REVIEW	UCC
CHEM 3090	ORGANIC CHEMISTRY LAB II	EXPEDITED	2.0	LABORATORY	6.0	REVIEW	UCC
CHEM 4310L	Analytical Chemistry II Lab	EXPEDITED	2.0	LABORATORY	6.0	REVIEW	UCC
CHEM 4540L	PHYSICAL CHEMISTRY II LAB	EXPEDITED	2.0	LABORATORY	6.0	REVIEW	UCC
CHEM 4601	ADVANCED ORGANIC LAB	EXPEDITED	2.0	LABORATORY	6.0	REVIEW	UCC
CHEM 4840L	Forensic Chemistry I Lab	SEMESTER	2.0	LABORATORY	6.0	REVIEW	UCC
CHEM 4870L	FORENSIC CHEMISTRY II LAB	EXPEDITED	2.0	LABORATORY	6.0	REVIEW	UCC
CHEM 4903	BIOCHEM TECHNIQUES	EXPEDITED	2.0	LABORATORY	6.0	REVIEW	UCC
CHEM 4940	UNDERGRADUATE RESEARCH	EXPEDITED	1.0 - 5.0	RESEARCH	3.0	REVIEW	UCC
CHEM 4940H	CHEM HONORS THESIS	EXPEDITED	1.0 - 5.0	RESEARCH	3.0	REVIEW	UCC
CHEM 4941	UNDERGRADUATE RESEARCH	EXPEDITED	3.0	RESEARCH	9.0	REVIEW	UCC
CHEM 5310L	Analytical Chemistry II Lab	EXPEDITED	2.0	LABORATORY	6.0	REVIEW	UCC
CHEM 5840L	Forensic Chemistry I Lab	SEMESTER	2.0	LABORATORY	6.0	REVIEW	UCC
CHEM 5870L	FORENSIC CHEMISTRY II LAB	EXPEDITED	2.0	LABORATORY	6.0	REVIEW	UCC
CHEM 7010	ADVANCED ORGANIC CHEM I	EXPEDITED	4.0	LECTURE	3.0	REVIEW	UCC
CHEM 7020	ADVANCED ORGANIC CHEM II	EXPEDITED	4.0	LECTURE	3.0	REVIEW	UCC
CHEM 7030	PHYSICAL ORGANIC CHEM	EXPEDITED	4.0	LECTURE	3.0	REVIEW	UCC
CHEM 7040	HETEROCYCLIC CHEMISTRY	EXPEDITED	4.0	LECTURE	3.0	REVIEW	UCC
CHEM 7050	ORGANOMETALLIC CHEMISTRY	EXPEDITED	4.0	LECTURE	3.0	REVIEW	UCC
CHEM 7060	NATURAL PRODUCT CHEMISTRY	EXPEDITED	4.0	LECTURE	3.0	REVIEW	UCC

#### Exceptions - Non Three Hour Lecture

The Ohio University Faculty Senate Resolution on the Number of Semester Hours per Course and Course Meeting Times for Quarters to Semesters (<http://www.ohio.edu/facultysenate/upload/CourseHourTimeResolutionfinal4-2009.doc>) resolved that, as a norm, undergraduate lecture courses on the Athens Campus shall be 3 semester hours and that exceptions to these norms will be allowed on the basis of pedagogical justification specific to a course or course sequence.

Three-hour courses are important for balancing student schedules, and three lecture hour per week blocks are important for classroom utilization. It is understood that there are special cases where the 3-lecture hour course norm does not apply, sometimes for categories of courses (recitals or band), sometimes for disciplinary standards, and sometimes for other reasons.

For the semester courses taught by your department that do not meet the 3 lecture hour norm, give a brief explanation of why the norm was not followed and/or what circumstances make these deviations from the norm not create a problem with classroom scheduling or student schedules. (Notes: Categories of courses can be addressed as a group rather than individually. If you are using a 'disciplinary standard' argument, please make comparisons to Ohio Schools on semesters or to Ohio University peer schools on semesters. If you are using a block scheduling approach, please list the courses that will be block scheduled and identify the semester(s) where the block scheduling applies.)

**Reason:** Chem 3080 is an organic lab course that meets for 1 three hour period per week. As part of the lab, time is set aside for a pre-lab lecture (listed as 1 contact hour per week) and the remaining time is set aside for lab (2 contact hours per week). This is the same set-up as Chem 308 is currently.

Chem D015 is a preparatory course and is traditionally taught on the regional campuses in a flexible format right before the beginning of fall quarter to prepare students for their first chemistry course. Therefore the number of credit hours is less than the typical three credit hours.

<b>Course ID</b>	<b>Name</b>	<b>Type</b>	<b>Contact Hours</b>	<b>Doc. Status</b>	<b>Review Level</b>
CHEM 3080	ORGANIC CHEMISTRY LAB	EXPEDITED	1.0	REVIEW	UCC
CHEM D015	PREP FOR COLL CHEMISTRY	EXPEDITED	2.0	REVIEW	UCC