

**Chemistry 491/591**  
Call # 01596/01639

## **General Biochemistry II**

### **Syllabus**

**Instructor:** Marcia Kieliszewski; [kielisz@helios.phy.ohiou.edu](mailto:kielisz@helios.phy.ohiou.edu)  
**Office:** 110 Biochemistry Research Facility  
**Phone:** 593-9466  
**Office Hrs:** After class MWF (9-10 A.M.) and by appointment.

**Last drop day:** Feb 6

**Class time and days:** 8:10 –9:00 M,W,F

**Location:** 194 Clippinger

**Text:** Biochemistry Sixth Edition by Berg, Tymoczko and Stryer

**Course Prerequisite:** Chem 490/590

**Basis for Grade:** Three midterm exams and a final exam each counting 1/4 the total points available for the course.

Friday, Jan 19<sup>th</sup>:

Wednesday, Feb 7<sup>th</sup>

Monday, Feb 26<sup>th</sup>

Final Exam: Thursday, March 15<sup>th</sup>, 10:10 A.M.

<b>Grading scale:</b>	A	92-100	C+	77-78	D-	59-61
	A-	89-91	C	72-76	F	below 59
	B+	87-88	C-	69-71		
	B	82-86	D+	67-68		
	B-	79-81	D	62-66		

**Class Attendance:** Attendance is not required other than the initial two-hour attendance rule.

**Exam Attendance:** Unexcused absence from an exam will result in a score of zero for that exam.

**Academic Misconduct:** Academic misconduct (See Student Handbook for definition) will result in an F for the course.

<u>Topic No.</u>	<u>Topic</u>	<u>Chapter</u>
1	Introduction to Metabolism	15
2	Carbohydrates	11
3	Glycolysis and Gluconeogenesis	16
4	The Citric Acid Cycle	17
5	Oxidative Phosphorylation	18
6	Photosynthesis	19
7	The Calvin Cycle and Pentose Phosphate Pathway	20
8	Glycogen Metabolism	21
9	Fatty Acid Metabolism	22
10	Amino Acid Metabolism	23, 24
11	Nucleotide Biosynthesis	25