

# GENERAL BIOLOGY FOR MAJORS I

## LABORATORY SCHEDULE

Biology 181, Fall 2016

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Week of...	Topic	Notes
Aug. 22	<b><i>NO LABS</i></b>	Biomolecules lab handed out in lecture
Aug. 29	Scientific Method	
Sept. 5	<b><i>NO LABS (Labor Day)</i></b>	Biomolecules lab due (20 pts) (Hand in in lecture)
Sept. 12	Mitosis and Meiosis	Scientific Method lab due (20 pts)
Sept. 19	Mendelian Genetics	Mitosis and Meiosis lab due (20 pts)
Sept. 26	Natural Selection	Mendelian Genetics lab due (40 pts)
Oct. 3	Genetic Drift	Natural Selection lab due (20 pts)
Oct. 10	Library Research	Genetic Drift lab due (20 pts)
Oct. 17	Molecular Genetics I	Library lab due (20 pts) <b><i>Literature packet due (30 pts)</i></b>
Oct. 24	Applied Genetics	Molecular Genetics I lab due (20 pts)
Oct. 31	Molecular Genetics II	Applied Genetics lab due (20 pts)
Nov. 7	Polymerase Chain Reaction	Molecular Genetics II report due (40 pts)
Nov. 14	Enzymes	Polymerase Chain Reaction lab due (20 pts)
Nov. 21	<b><i>NO LABS (Thanksgiving)</i></b>	Happy Thanksgiving!
Nov. 28	Respiration	Enzymes lab due (20 pts)
Dec. 5	<b><i>Research presentations</i></b>	Respiration lab due (20 pts) Research presentations (70 pts)

***Laboratory attendance is mandatory.*** Laboratory attendance is defined as follows: ***arrival to lab prior to the scheduled starting time and continuous participation in the lab until the exercise is completed every day the class is scheduled to meet.*** Participation in all labs is required. If a student misses a lab, that student's final grade will be adjusted as described in the main course (lecture) syllabus.

The laboratory is designed to introduce you to important biological research techniques and is absolutely central to your education. Since organization and attention to detail are critical to successful biological research, be prepared to be graded on those qualities.

See lecture syllabus for further details.