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## BIOL 315L-01, Ecology Laboratory, Fall 2009

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Authors	Kesler, David H.
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## Biology 315L – Ecology Laboratory 2009

Day	Date	Activity
Sunday	<b>August 29</b>	All day field trip on/in Wolf River – Ghost Section scavenger hunt Leave campus at 08:15 - Canoe the Ghost Section of Wolf River - "Scavenger Hunt" - Return by 17:00. If you are not on the meal plan you will need to bring a lunch. Bring your own water! Prepared to get hot, wet and muddy. – Measuring stream channel morphology and discharge
Sunday	<b>September 6</b>	All day field trip on/in Wolf River – Degraded Section Leave campus at 08:30 – Canoe the Wolf River from Arlington/Collierville Road to Houston Levee Road to experience the impact of headcutting and downcutting – Measuring stream channel morphology and discharge
Tuesday	8	Generating stream channel morphology diagrams and river discharge calculations (Hydrograph, Weins assignments due at beginning of lab)
Tuesday	15	Wolf River impressions due – no lab meeting
Tuesday	22	Overton Park cryptozoa collection and tree familiarization (field) – Be prepared for mosquitoes and poison ivy.
Tuesday	29	Cryptozoa sample processing / data reduction/ Cryptozoa Moodle Quiz due
Tuesday	<b>October 6</b>	Plankton sampling at Shelby Forest (afternoon or evening samples)
Tuesday	13	Plankton counting and data reduction and presentations
Tuesday	20	Fall break – no lab
Tuesday	27	Overton Park point-quarter sampling (field) –more mosquitoes and poison ivy – Tree Moodle Quiz due
Tuesday	<b>November 3</b>	Overton Park tree data reduction -Cryptozoa Report due at 17:00
Tuesday	10	GIS Lab - Report reviews due
Tuesday	17	GIS Lab
Tuesday	24	GIS assignment (can be done on own before lab) Thanksgiving Recess begins at 10:00 pm
Tuesday	<b>December 2</b>	Revised Report due

Assignments	Points
Species presentation	10
Species scavenger hunt	10
Wolf River impression	10
Wolf River hydrograph assignment	5
Weins article assignment	5
Discharge results	10
Cryptozoa Moodle Quiz	5
Plankton Presentation	10
Tree Moodle Quiz	5
Report	75
Report Reviews	15
GIS labs (3 ?)	15
Revised Report	<u>25</u>
	200