SFS PH.D. PLAN OF STUDY  
(admit term spring 2018 and beyond)
Complete this form annually, with your advisor, and submit one copy to your advisor and one copy to the academic administrator.

<table>
<thead>
<tr>
<th>Required courses (5 credits)</th>
<th>Typically Offered</th>
<th>Credits</th>
<th>Taken</th>
</tr>
</thead>
<tbody>
<tr>
<td>Frshwtr 900 Colloquium in Freshwater Sciences</td>
<td>Fall/Spring</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Frshwtr 900 Colloquium in Freshwater Sciences</td>
<td>Fall/Spring</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>English 890 Science, Communication &amp; Public Engagement</td>
<td>Spring</td>
<td>3</td>
<td></td>
</tr>
</tbody>
</table>

Choose four of the following five courses (12 credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Taken</th>
</tr>
</thead>
<tbody>
<tr>
<td>Frshwtr 502 Aquatic Ecosystem Dynamics</td>
<td>Fall</td>
<td>3</td>
</tr>
<tr>
<td>Frshwtr 504 Quantitative Freshwater Analysis</td>
<td>Spring</td>
<td>3</td>
</tr>
<tr>
<td>Frshwtr 506 Environmental Health of Freshwater Ecosystems</td>
<td>Spring</td>
<td>3</td>
</tr>
<tr>
<td>Frshwtr 508 Aquatic Technologies (formerly Freshwater Engineering)</td>
<td>Spring</td>
<td>3</td>
</tr>
<tr>
<td>Frshwtr 510 Economics, Policy &amp; Management of Water</td>
<td>Fall</td>
<td>3</td>
</tr>
</tbody>
</table>

Choose one of the following (3 credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Taken</th>
</tr>
</thead>
<tbody>
<tr>
<td>Frshwtr 513 Field Experimentation &amp; Analysis in Freshwater Sciences</td>
<td>Fall</td>
<td>3</td>
</tr>
<tr>
<td>Frshwtr 514 Analytical Techniques in Freshwater Sciences</td>
<td>Spring</td>
<td>3</td>
</tr>
</tbody>
</table>

Elective courses (17 credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Taken</th>
</tr>
</thead>
</table>

Doctoral Research & Dissertation (up to 17 credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Taken</th>
</tr>
</thead>
<tbody>
<tr>
<td>Frshwtr 990 Doctoral Research &amp; Dissertation</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Committee Review Approvals

<table>
<thead>
<tr>
<th>Advisory Committee Members (Print Name)</th>
<th>Approved by Advisory Committee Members (Signature)</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chairman</td>
<td>Chairman</td>
<td></td>
</tr>
<tr>
<td>Chairman</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Chairman</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Chairman</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Chairman</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Student Signature: ____________________________ Date: ___________