<table>
<thead>
<tr>
<th>Course</th>
<th>Name</th>
<th>Prerequisites</th>
<th>Credits</th>
<th>Semester(s)</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>101</td>
<td>General to Biology I</td>
<td>Bio 101 &amp; 111</td>
<td>3</td>
<td>Fall &amp; Summer</td>
<td></td>
</tr>
<tr>
<td>102</td>
<td>General to Biology II</td>
<td>Bio 101 &amp; 111</td>
<td>3</td>
<td>Spring &amp; Summer</td>
<td></td>
</tr>
<tr>
<td>109</td>
<td>Intro to Biological Basis of Health &amp; Illness</td>
<td></td>
<td>3</td>
<td>Fall</td>
<td>Nursing Only</td>
</tr>
<tr>
<td>110</td>
<td>Biology through Art</td>
<td>None</td>
<td>3</td>
<td>Spring</td>
<td>Science CORE-No Bio credit</td>
</tr>
<tr>
<td>111</td>
<td>General to Biology Lab I</td>
<td>Biology 101 (Pre- or corequisite)</td>
<td>1</td>
<td>Fall &amp; Summer</td>
<td></td>
</tr>
<tr>
<td>112</td>
<td>General to Biology Lab II</td>
<td>Biology 102 (Pre- or corequisite)</td>
<td>1</td>
<td>Spring &amp; Summer</td>
<td></td>
</tr>
<tr>
<td>152</td>
<td>Human Anatomy &amp; Physiology I</td>
<td></td>
<td>4</td>
<td>Fall &amp; Summer</td>
<td>No Biology credit</td>
</tr>
<tr>
<td>153</td>
<td>Human Anatomy &amp; Physiology II</td>
<td>BIO 152</td>
<td>4</td>
<td>Spring &amp; Summer</td>
<td>No Biology credit</td>
</tr>
<tr>
<td>205</td>
<td>Plant Biology</td>
<td>Bio 102 &amp; 112</td>
<td>4</td>
<td>Fall</td>
<td></td>
</tr>
<tr>
<td>209</td>
<td>Biological Basis of Health &amp; Illness</td>
<td>Bio 109</td>
<td>3</td>
<td>Fall</td>
<td>Nursing Only</td>
</tr>
<tr>
<td>210</td>
<td>Laboratory Techniques</td>
<td>Bio 102 &amp; 112</td>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>215</td>
<td>Ornithology</td>
<td>Bio 102 &amp; 112</td>
<td>3</td>
<td></td>
<td>Alternating years</td>
</tr>
<tr>
<td>240</td>
<td>(PSYC 240) Psychology &amp; Biology of Perception</td>
<td>PSYC 101; (Bio 102/112 for Bio majors)</td>
<td>3</td>
<td>Fall &amp; Spring</td>
<td>Either 240 or 241 for Biology credit.</td>
</tr>
<tr>
<td>241</td>
<td>(PSYC 305) Brain &amp; Behavior</td>
<td>Bio 102 &amp; 112</td>
<td>3</td>
<td>Fall &amp; Spring</td>
<td>Either 240 or 241 for Biology credit.</td>
</tr>
<tr>
<td>242</td>
<td>Human Structure &amp; Function I</td>
<td>Bio 102 &amp; 112; CHEM 102 or 106</td>
<td>4</td>
<td>Fall</td>
<td></td>
</tr>
<tr>
<td>243</td>
<td>Human Structure &amp; Function II</td>
<td>Bio 242</td>
<td>4</td>
<td>Spring</td>
<td></td>
</tr>
<tr>
<td>251</td>
<td>Cell Biology</td>
<td>Bio 102 &amp; 112; Chem 102 or 106</td>
<td>3</td>
<td>Fall, Spring, Summer</td>
<td></td>
</tr>
<tr>
<td>252</td>
<td>Cell Biology Lab</td>
<td>Bio 251 (Pre- or corequisite)</td>
<td>2</td>
<td>Fall &amp; Spring</td>
<td></td>
</tr>
<tr>
<td>265</td>
<td>Ecology</td>
<td>Bio 102 &amp; 112; Chem 102 or 106</td>
<td>3</td>
<td>Fall, Spring, Summer</td>
<td></td>
</tr>
<tr>
<td>266</td>
<td>Ecology Lab</td>
<td>Bio 265 (Pre- or corequisite)</td>
<td>2</td>
<td>Fall, Spring, Summer</td>
<td></td>
</tr>
<tr>
<td>280</td>
<td>(ANTH 280) Evolution of Human Disease</td>
<td>Anth 101 or NTSC 104; or BIOL 102, 112; Permission</td>
<td>3</td>
<td>Fall</td>
<td></td>
</tr>
<tr>
<td>282</td>
<td>Genetics</td>
<td>Bio 102 &amp; 112; Chem 102 or 106</td>
<td>3</td>
<td>Fall, Spring, Summer</td>
<td></td>
</tr>
<tr>
<td>283</td>
<td>Genetics Lab</td>
<td>Bio 282 (Pre- or corequisite)</td>
<td>2</td>
<td>Fall &amp; Spring</td>
<td></td>
</tr>
<tr>
<td>296</td>
<td>Introduction to Research</td>
<td>Bio 102 &amp; 112, Permission, BIOL core highly recommended</td>
<td>1</td>
<td>Fall &amp; Spring</td>
<td></td>
</tr>
<tr>
<td>300</td>
<td>Seminar</td>
<td>5 courses in Biology; Permission</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>302</td>
<td>General Microbiology</td>
<td>Bio 251 &amp; 282</td>
<td>4</td>
<td>Spring</td>
<td></td>
</tr>
<tr>
<td>303</td>
<td>(NEUR 300) Neuroscience Seminar</td>
<td>Bio 102; PSYC 101</td>
<td>1</td>
<td>Fall &amp; Spring</td>
<td></td>
</tr>
<tr>
<td>304</td>
<td>Developmental Biology</td>
<td>Bio 251</td>
<td>3</td>
<td>Fall &amp; Spring</td>
<td></td>
</tr>
<tr>
<td>310</td>
<td>(STAT 310) Categorical Data Analysis</td>
<td>Bio 335 or STAT 203</td>
<td>3</td>
<td>Fall</td>
<td></td>
</tr>
<tr>
<td>313</td>
<td>(PSYC 311) Lab in Psychobiology</td>
<td>Bio 102 &amp; 112; PSYC 306 &amp; 240 or 305</td>
<td>3</td>
<td>Spring</td>
<td></td>
</tr>
<tr>
<td>314</td>
<td>Advanced Microbiology</td>
<td>Bio 302; Chem 222 or 224</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>315</td>
<td>Immunology</td>
<td>Bio 251 &amp; 282</td>
<td>4</td>
<td>Fall</td>
<td></td>
</tr>
<tr>
<td>316</td>
<td>Limnology</td>
<td>Bio 265; Chem 102 or 106</td>
<td>4</td>
<td>Fall (Alternating years)</td>
<td></td>
</tr>
<tr>
<td>317</td>
<td>Biology of Persistent Diseases</td>
<td>Bio 282 &amp; 302; Chem 222 or 224</td>
<td>3</td>
<td>Alternating years</td>
<td></td>
</tr>
<tr>
<td>319</td>
<td>Evolution</td>
<td>Bio 282 &amp; 265 (Recommended)</td>
<td>3</td>
<td>Spring</td>
<td></td>
</tr>
<tr>
<td>320</td>
<td>(ANTH 320) Animal Behavior</td>
<td>Anth 101 or 103; or Bio 102 &amp; 112</td>
<td>3</td>
<td>Fall</td>
<td>Alternating years</td>
</tr>
<tr>
<td>323</td>
<td>Comparative Behavior</td>
<td>Bio 251 &amp; 282 (265 Recommended)</td>
<td>4</td>
<td>Spring (Alternating years)</td>
<td></td>
</tr>
<tr>
<td>325</td>
<td>(ANTH 325) Primateology</td>
<td>Anth 101 or 103: or Bio 102 &amp; 112</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>326</td>
<td>(ANTH 326) Human Osteology</td>
<td>Anth 101 or 103: or Bio 102 &amp; 112</td>
<td>4</td>
<td>Fall</td>
<td></td>
</tr>
<tr>
<td>327</td>
<td>Wetlands Ecology</td>
<td>Bio 265</td>
<td>4</td>
<td>Fall (Alternating years)</td>
<td></td>
</tr>
<tr>
<td>328</td>
<td>Conservation Biology</td>
<td>Bio 265</td>
<td>3</td>
<td>Spring</td>
<td></td>
</tr>
<tr>
<td>335</td>
<td>Biostatistics</td>
<td>Bio 102 &amp; 112; Math 132 or 162</td>
<td>4</td>
<td>Fall &amp; Spring</td>
<td></td>
</tr>
<tr>
<td>336</td>
<td>Advanced Biostatistics</td>
<td>Bio 335 or STAT 203</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>337</td>
<td>Quantitative Bioinformatics</td>
<td>STAT or BIOSTAT 335 or Stat 203</td>
<td>4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>341</td>
<td>Histology</td>
<td>Bio 251 &amp; 282</td>
<td>4</td>
<td>Fall</td>
<td></td>
</tr>
<tr>
<td>342</td>
<td>Human Anatomy</td>
<td>Bio 243, 251 &amp; 282</td>
<td>4</td>
<td>Fall</td>
<td></td>
</tr>
<tr>
<td>345</td>
<td>Sociobiology</td>
<td>Bio 265 &amp; 282</td>
<td>3</td>
<td>Alternating years</td>
<td></td>
</tr>
<tr>
<td>346</td>
<td>(WOST 346) (ANTH 346) Biology of Women</td>
<td>Bio 102, 282</td>
<td>3</td>
<td>Fall</td>
<td></td>
</tr>
<tr>
<td>350</td>
<td>Vertebrate Physiology</td>
<td>Bio 243, 251 &amp; 282; Chem 222 or 224</td>
<td>4</td>
<td>Spring</td>
<td></td>
</tr>
<tr>
<td>352</td>
<td>Mammalian Endocrinology</td>
<td>Bio 243, 251 &amp; 282</td>
<td>3</td>
<td>Alternating years</td>
<td></td>
</tr>
<tr>
<td>354</td>
<td>Mammalian Reproduction</td>
<td>Bio 251 &amp; 282</td>
<td>3</td>
<td>Alternating years</td>
<td></td>
</tr>
<tr>
<td>355</td>
<td>Parasitology</td>
<td>Bio 251</td>
<td>4</td>
<td>Alternating years</td>
<td></td>
</tr>
<tr>
<td>358</td>
<td>Developmental Neurobiology</td>
<td>Bio 251 &amp; 282</td>
<td>3</td>
<td>Fall</td>
<td></td>
</tr>
<tr>
<td>359</td>
<td>Paleopathology</td>
<td>Bio 251</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>360</td>
<td>Field Biology</td>
<td>Bio 265; Permission</td>
<td>3</td>
<td>Fall</td>
<td></td>
</tr>
<tr>
<td>362</td>
<td>Neurobiology</td>
<td>Bio 251</td>
<td>3</td>
<td>Fall</td>
<td></td>
</tr>
<tr>
<td>363</td>
<td>Entomology</td>
<td>Bio 265</td>
<td>4</td>
<td>Fall (Alternating years)</td>
<td></td>
</tr>
</tbody>
</table>

Revised: 10/26/2009
<table>
<thead>
<tr>
<th>Course</th>
<th>Name</th>
<th>Prerequisites</th>
<th>Credits</th>
<th>Semester(s)</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>364</td>
<td>Medical/Vet Entomology</td>
<td>Bio 265</td>
<td>4</td>
<td>Fall (Alternating years)</td>
<td></td>
</tr>
<tr>
<td>366 (CHEM 361)</td>
<td>Biochemistry</td>
<td>Bio 251 &amp; 282; Chem 222 or 224</td>
<td>3</td>
<td>Spring</td>
<td></td>
</tr>
<tr>
<td>366L</td>
<td>Biochemistry Lab</td>
<td>Pre-co-requisite w/Biol 366</td>
<td>2</td>
<td>Spring</td>
<td></td>
</tr>
<tr>
<td>367</td>
<td>Bioimaging</td>
<td>Bio 251, 282; Phys 112 or 114</td>
<td>4</td>
<td>Spring</td>
<td></td>
</tr>
<tr>
<td>368</td>
<td>Plant Ecology</td>
<td>Bio 265</td>
<td>4</td>
<td>Spring</td>
<td></td>
</tr>
<tr>
<td>369</td>
<td>Invertebrate Biology</td>
<td>Bio 265</td>
<td>3</td>
<td>Spring</td>
<td></td>
</tr>
<tr>
<td>370</td>
<td>Ichthyology</td>
<td>Bio 265</td>
<td>4</td>
<td>Fall (Alternating years)</td>
<td></td>
</tr>
<tr>
<td>371</td>
<td>Marine Biology</td>
<td>Bio 265</td>
<td>4</td>
<td>Spring (Alternating years)</td>
<td></td>
</tr>
<tr>
<td>372</td>
<td>Lake Michigan Biology</td>
<td>Bio 265; Chem 102 or 106</td>
<td>4</td>
<td>Summer</td>
<td></td>
</tr>
<tr>
<td>373 (NEUR 301)</td>
<td>Lab In Neuroscience I</td>
<td>Bio 362; PSYC 240/305</td>
<td>3</td>
<td>Fall</td>
<td></td>
</tr>
<tr>
<td>374 (NEUR 302)</td>
<td>Lab In Neuroscience II</td>
<td>Bio 373</td>
<td>3</td>
<td>Spring</td>
<td></td>
</tr>
<tr>
<td>375</td>
<td>Aquatic Insects</td>
<td>Bio 265</td>
<td>4</td>
<td>Spring (Alternating years)</td>
<td></td>
</tr>
<tr>
<td>376</td>
<td>Sem In Molec/Cel Neuroscience</td>
<td>Bio 251, 282, 262</td>
<td>3</td>
<td>Spring</td>
<td></td>
</tr>
<tr>
<td>377</td>
<td>Molecular Pathogenesis</td>
<td>Bio 282</td>
<td>3</td>
<td>Fall, Spring</td>
<td></td>
</tr>
<tr>
<td>378</td>
<td>Genetics &amp; Evolution of Development</td>
<td>Bio 282</td>
<td>3</td>
<td>Alternating years</td>
<td></td>
</tr>
<tr>
<td>379</td>
<td>Molecular Genetics</td>
<td>Bio 251 &amp; 282; Chem 222 or 224</td>
<td>3</td>
<td>Fall &amp; Spring</td>
<td></td>
</tr>
<tr>
<td>380</td>
<td>Population Genetics</td>
<td>Bio 282; Math 132 or 162; Bio 335 (Rec)</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>381</td>
<td>Genomics</td>
<td>Permission. Bio 341 recommended.</td>
<td>4</td>
<td>Alternating years</td>
<td></td>
</tr>
<tr>
<td>382</td>
<td>Electron Microscopy</td>
<td>Bio 282 &amp; 283</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>383</td>
<td>Pharmacology</td>
<td>Bio 243, 251, 282; Chem 222 or 224</td>
<td>3</td>
<td>Spring</td>
<td></td>
</tr>
<tr>
<td>384</td>
<td>Molecular Biology Lab</td>
<td>Bio 251, 282 &amp; 283; Chem 222 or 224</td>
<td>4</td>
<td>Fall &amp; Spring</td>
<td></td>
</tr>
<tr>
<td>385</td>
<td>Forensic Molecular Biology Lab</td>
<td>Bio 282, 283</td>
<td>5</td>
<td>Spring</td>
<td></td>
</tr>
<tr>
<td>386 (ESP 393)</td>
<td>Natural Resource Conservation</td>
<td>Bio 265</td>
<td>3</td>
<td>Spring</td>
<td></td>
</tr>
<tr>
<td>387</td>
<td>Special Topics</td>
<td>Permission</td>
<td>1-4</td>
<td>Fall &amp; Spring</td>
<td></td>
</tr>
<tr>
<td>388</td>
<td>Research</td>
<td>Permission</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>389</td>
<td>Honors Thesis</td>
<td>Senior status; Honors; Permission</td>
<td>3</td>
<td>Fall &amp; Spring</td>
<td></td>
</tr>
<tr>
<td>390</td>
<td>Internship in Biology</td>
<td>21 Hours in Biology; Cognates; Permission</td>
<td>1-3</td>
<td>Fall &amp; Spring</td>
<td></td>
</tr>
<tr>
<td>391</td>
<td>Individual Study</td>
<td>Permission</td>
<td>1-3</td>
<td>Fall &amp; Spring</td>
<td></td>
</tr>
</tbody>
</table>