

**Secondary Education General Education Requirements**

Name: \_\_\_\_\_ Education Advisor: \_\_\_\_\_ Date assigned: \_\_\_\_\_

Content Major Advisor: \_\_\_\_\_ Date assigned: \_\_\_\_\_

**GEC REQUIREMENTS FOR FIRST-YEAR STUDENTS ENTERING LAKE FOREST COLLEGE  
FALL 2018 OR LATER OR  
TRANSFER STUDENTS ENTERING FALL 2019 OR LATER**

Required Courses	Course No.	Semester Completed
<b>NATURAL SCIENCES</b> (1 required for GEC)		
<b>QUANTITATIVE REASONING</b> (1 required for GEC)		
<b>HUMANITIES</b> (1 required for GEC)		
<b>PHIL 220 or HIST 239</b> (recommended)		
<b>SOCIAL SCIENCES</b> (1 required for GEC)		
<u>PSYC 110</u> Introduction to Psychology		
<u>PSYC 210</u> Developmental Psychology		
<b>CREATIVE &amp; PERFORMING ARTS</b> (1 required for GEC)		
<b>GLOBAL PLURALISM</b> (1 required for GEC)		
<b>US DOMESTIC PLURALISM</b> (1 required for GEC)		
<u>EDUC 315</u> (required of secondary Education majors)		

Program Stage Dates	
LFC entry	
TE program entry	
TE program exit	

Passing test scores/ dates	
Basic Skills (TAP/ACT/SAT)	
Content test	
edTPA	

**GEC REQUIREMENTS FOR FIRST-YEAR STUDENTS ENTERING LAKE FOREST COLLEGE  
BEFORE FALL 2018  
OR TRANSFER STUDENTS BEFORE FALL 2019**

Required Courses	Course No.	Semester Completed
<b>NATURAL SCIENCES</b> (2 required for GEC from different depts)		
<b>HUMANITIES</b> (2 required for GEC from different depts)		
<u>PHIL 220</u> or <u>HIST 239</u> (recommended)		
<b><u>SOCIAL SCIENCES</u></b> (2 required for GEC from different depts)		
<u>PSYC 110</u> Introduction to Psychology		
<u>PSYC 210</u> Developmental Psychology		
<b>CULTURAL DIVERSITY</b> (2 required for GEC from different depts)		
<u>EDUC 315</u> (required of secondary Education majors)		

**Secondary Education Major  
Professional Course Sequence  
(Licensure Program Requirements)**

<b>Required Courses</b>	<b>Semester Completed</b>	<b>GEC REQUIREMENT</b>
<b><u>EDUC 210</u></b> Observing the Schooling Process		Writing-intensive
<b><u>EDUC 215</u></b> Instructional Communication		Speaking-intensive
<b><u>HIST 239</u> or <u>PHIL 220</u> or <u>SOAN 244</u></b> Hist or Phil or Anthro of Education		
<b><u>EDUC 313</u></b> Reading in the Content Areas		
<b><u>EDUC 315</u></b> Middle School Fieldwork & Seminar		Experiential Learning
<b><u>EDUC 419</u></b> Secondary Curriculum & Instructional Design		Technology-intensive
<b><u>EDUC 420</u></b> Discipline Specific Secondary Instructional Design		Senior Studies
<b><u>EDUC 314</u></b> Inclusive Learning Environments		
<b><u>EDUC 421</u></b> Secondary Student Teaching		

**Note: a grade of B- or better is required in Education Courses**

**Secondary Education Program  
Courses Required to Meet Content Area Standards  
(Licensure Program Requirements)**

(Please note: a full major in the content area of licensure is required.)

<b>Mathematics</b>	
<b><u>Courses Required for Math Major</u></b>	<b>Sem. Comp.</b>
<a href="#">MATH 110</a> Calculus I	
<a href="#">MATH 111</a> Calculus II	
<a href="#">CSCI 112</a> Computer Science 1	
<a href="#">MATH 210</a> Multivariable Calculus	
<a href="#">MATH 230</a> Abstract and Discrete Mathematics	
<a href="#">MATH 231</a> Linear Algebra	
<a href="#">MATH 311</a> Intro to Real Analysis	
<a href="#">MATH 330</a> Modern Algebra I	
One 300+ Math elective (distinct from MATH 340: Geometry)	
<b><u>Geometry/Stats Requirements Specific to Education Program:</u></b>	
The normal Math major requires 12 courses. For Education Licensure, a Math major must augment the above 9 courses with the following 3 courses: (Differs slightly from normal math major requirements.)	
<a href="#">MATH 340</a> Geometry	
<a href="#">MATH 350</a> and <a href="#">MATH 450</a> Probability and Statistics <i>*sequence only offered every other year. If 350/450 falls during student teaching year, may substitute 2 courses as follows:</i>	
<a href="#">MATH 150</a> Intro Prob/Stats	
<a href="#">MATH 430</a> or <a href="#">MATH 411</a> (distinct from the 300+ Math elective designated above)	

<b>History</b>	
<b><u>Courses Required for History Major</u></b>	<b>Sem. Comp.</b>
<a href="#">HIST 110</a> Global Change: The Power of History	
<a href="#">HIST 300</a> The Historian's Workshop	
<b><u>History Sequence Required for Ed Majors</u></b>	
<a href="#">HIST 200</a> Empire, Slavery, Freedom: Early United States	
<a href="#">HIST 201</a> Inequity, Rights, Reaction: Modern United States	
<b><u>History Electives Required for Ed Majors</u></b>	
<a href="#">HIST 208</a> Europe 1715-1890 (or equivalent 300 level course)	
<a href="#">HIST 209</a> Europe in the Twentieth Century (or equivalent 300 level course)	
<a href="#">HIST 212</a> Origins of East Asia (or equivalent 300 level course)	
<a href="#">HIST 213</a> Modern East Asia (or equivalent 300 level course)	
<b><u>Other Courses Required for Full History Major</u></b>	
300 Level Course (can be same content as electives above)	
300 Level Course (can be same content as electives above)	
<a href="#">HIST 420</a> Senior Seminar/ Independent Research Project/ Thesis	
<b><u>Broad Field Social Science Courses Required for Licensure</u></b>	
<a href="#">POLS 110</a> Introduction to Politics	
<a href="#">POLS 120</a> Introduction to American Politics	
<a href="#">ECON 110</a> Principles of Economics	
<a href="#">SOAN 110</a> Introduction to Sociology and Anthropology	
<a href="#">PSYC 110</a> Introduction to Psychology	

<b>Biology</b>	
<b><u>Courses Required for Biology Major (meets CAS)</u></b>	<b>Sem. Completed</b>
<a href="#">BIO 120</a> Organismal Biology	
<a href="#">BIO 130 - 144</a> (choose 1) Core Biological Inquiry	
<a href="#">BIO 220</a> Ecology and Evolution	
<a href="#">BIO 221</a> Molecules, Genes, and Cells	
<b><u>Other Courses Required for Full Biology Major (2 with lab – 1 in each group)</u></b>	
<a href="#">Molecules, Genes, and Cells</a> (320, 322, 324, 325, 326, 340, 342, 346, 352, 360, 362, 372)	
<a href="#">Organismal Biology</a> (320, 330, 340, 342, 344, 346, 360, 362, 383, 384)	
<a href="#">Ecology and Evolution</a> (330, 344, 370, 373, 374, 375, 383, 384, 389)	
<a href="#">BIO 478-489</a> Senior Seminar, <a href="#">BIO 493</a> Senior Project, or <a href="#">BIO 494</a> Senior Thesis	
<a href="#">MATH 110</a> Calculus I <b>or</b> <a href="#">MATH 150</a> Probability & Statistics (or equivalents, such as PSYC 221 Research Statistics and Methods I)	
<a href="#">CHEM 115</a> Chemistry I	
<a href="#">CHEM 116</a> Chemistry II	
<b><u>Broad Field Science Courses Required for Licensure</u></b>	
<a href="#">PHYS 101, 102 or 103</a> Astronomy	
<a href="#">PHYS 110/120</a> Introductory Physics	

<b>Chemistry</b>	
<b><u>Courses Required for Chemistry Major (meets CAS)</u></b>	<b>Sem. Completed</b>
<a href="#">CHEM 115</a> Chemistry I	
<a href="#">CHEM 116</a> Chemistry II	
<a href="#">CHEM 220</a> Organic Chemistry I	
<a href="#">CHEM 221</a> Organic Chemistry II	
<a href="#">CHEM 320</a> Physical Chemistry I	
<a href="#">CHEM 321</a> Physical Chemistry II	
<a href="#">300 Level CHEM Course</a> (300/330/420/494)	
<a href="#">CHEM 410</a> Senior Seminar or Senior Thesis	
<b><u>Other Courses Required for Full Chemistry Major</u></b>	
<a href="#">PHYS 110/120</a> Introductory Physics	
<a href="#">PHYS 111/121</a> Introductory Physics	
<a href="#">MATH 110</a> Calculus I	
<a href="#">MATH 111</a> Calculus II	
<b><u>Broad Field Science Courses Required for Licensure</u></b>	
<a href="#">BIO 120</a> Organismal Biology	
<a href="#">BIO 220</a> Ecology and Evolution	
<a href="#">PHYS 101, 102 or 103</a> Astronomy	

<b>Neuroscience</b>	
<b><u>Courses Required for NEUR Major (meets CAS)</u></b>	<b>Sem. Completed</b>
<a href="#">BIO 120L</a> Organismal Biology	
<a href="#">BIO 221L</a> Cellular and Molecular Biology	
<a href="#">CHEM 115L</a> General Chemistry I	
<a href="#">CHEM 116L</a> General Chemistry II	
<a href="#">PSYC 110L</a> : Intro to Psychological Science	
<a href="#">PSYC 221L</a> : Research Methods and Statistics I	
<a href="#">PSYC 222L</a> : Research Methods and Statistics II	
<a href="#">NEUR 301L</a> : Neuroscience: Neuron to Brain	
<a href="#">NEUR 302L</a> : Neuroscience: Brain to Behavior	
<b>4 Electives (at least: 1 must be a biology course, 1 must be a psychology course, 2 taken at Lake Forest College)</b>	
<a href="#">NEUR elective</a>	
<a href="#">NEUR elective</a>	
<a href="#">NEUR elective</a>	
<a href="#">NEUR elective</a>	
<a href="#">NEUR 4xx</a> : 1-credit Senior Seminar or 2-credit Senior Thesis or 2-credit Senior Project	
<b><u>Broad Field Science Courses Required for Licensure</u></b>	
<a href="#">PHYS 101, 102 or 103</a> Astronomy	
<a href="#">PHYS 110/120</a> Introductory Physics	
<a href="#">BIO 220</a> Ecology and Evolution	

<b>Biochemistry &amp; Molecular Biology</b>	
<b><u>Courses Required for BMB Major (meets CAS)</u></b>	<b>Sem. Completed</b>
<a href="#">BIO 120</a> Organismal Biology	
<a href="#">BIO 221</a> Cellular and Molecular Biology	
<a href="#">CHEM 115</a> Chemistry I	
<a href="#">CHEM 116</a> Chemistry II	
<a href="#">CHEM 220</a> Organic Chemistry I	
<a href="#">CHEM 221</a> Organic Chemistry II	
<a href="#">CHEM 320</a> Physical Chemistry I or <a href="#">CHEM 321</a> Physical Chemistry II	
<a href="#">BMB 300</a> : Biochemistry	
<a href="#">BMB 322</a> : Molecular Biology	
<a href="#">PHYS 110/120</a> Introductory Physics	
<a href="#">PHYS 111/121</a> Introductory Physics	
<a href="#">MATH 110</a> Calculus I	
<a href="#">MATH 111</a> Calculus II	
<a href="#">BMB biology elective</a>	
<a href="#">BMB elective</a> (select biology if seeking primary endorsement in biology/select chemistry if seeking primary endorsement in chemistry)	
<a href="#">BMB 493 or 494 or 415</a> Senior Seminar, Project or Thesis	
<b><u>Broad Field Science Courses Required for Licensure</u></b>	
<a href="#">PHYS 101, 102 or 103</a> Astronomy	
<a href="#">BIO 220</a> Ecology and Evolution	

<b>English (Literature Track)</b>	
<b><u>Courses required for English Major</u></b>	<b>Sem Comp</b>
<u>ENG 210</u> Gods, Monsters, and Questing Humanity: Ancient and Medieval Literature	
<u>ENG 211</u> From Fairyland to Flying Islands: Renaissance to Enlightenment English Literature	
<u>ENG 212</u> Romantics, Rebels, and Bohemians: English Literature of the Long 19th Century	
<u>ENG 204</u> Nineteenth-Century American Literature	
<u>ENG 205</u> Twentieth-Century American Literature	
Elective <u>ENG 135</u> Introduction to Creative Writing	
Elective (choose one) 200 level or higher	
Period Course <u>ENG 220</u> Shakespeare	
Period Course (choose one) ( <u>ENG 304</u> , <u>305</u> , <u>306</u> , <u>309</u> , <u>310</u> , <u>316</u> , <u>321</u> , <u>336</u> , <u>347</u> , <u>402</u> , <u>403</u> , <u>404</u> , <u>405</u> )	
<u>ENG 450</u> Senior Seminar	
<b><u>Other course required for licensure</u></b>	
<u>COMM 135</u> Rhetoric & Speech <b>OR</b> <u>COMM 253</u> Argumentation and Advocacy	

<b>English (Writing Track)</b>	
<b><u>Courses required for English Major</u></b>	<b>Sem Comp</b>
<u>ENG 210</u> Gods, Monsters, and Questing Humanity: Ancient and Medieval Literature	
<u>ENG 211</u> From Fairyland to Flying Islands: Renaissance to Enlightenment English Literature	
<u>ENG 212</u> Romantics, Rebels, and Bohemians: English Literature of the Long 19th Century	
<u>ENG 204</u> Nineteenth-Century American Literature	
<u>ENG 205</u> Twentieth-Century American	
<u>ENG 135</u> Introduction to Creative Writing	
<u>ENG 220</u> Shakespeare	
Upper Level Writing Courses <u>ENG 242</u> , <u>243</u> , <u>244</u> , <u>245</u> , <u>246</u> , <u>248</u> , <u>269</u> , <u>360</u> , <u>361</u> , <u>364</u> , <u>365</u> , <u>367</u> , <u>368</u> , <u>369</u> , <u>370</u> , <u>392</u>	
Upper Level Writing Courses <u>ENG 242</u> , <u>243</u> , <u>244</u> , <u>245</u> , <u>246</u> , <u>248</u> , <u>269</u> , <u>360</u> , <u>361</u> , <u>364</u> , <u>365</u> , <u>367</u> , <u>368</u> , <u>369</u> , <u>370</u> , <u>392</u>	
<u>ENG 440</u> Senior Seminar	
<b><u>Other course required for licensure</u></b>	
<u>COMM 135</u> Rhetoric & Speech <b>OR</b> <u>COMM 253</u> Argumentation and Advocacy	

## SEMESTER PLANNING SHEET

Semester \_\_\_\_\_ Year \_\_\_\_\_  
1. **FIYS** \_\_\_\_\_  
2. \_\_\_\_\_  
3. \_\_\_\_\_  
4. \_\_\_\_\_

Semester \_\_\_\_\_ Year \_\_\_\_\_  
1. \_\_\_\_\_  
2. \_\_\_\_\_  
3. \_\_\_\_\_  
4. **PSYC 110** \_\_\_\_\_

Semester \_\_\_\_\_ Year \_\_\_\_\_  
1. **EDUC 210** \_\_\_\_\_  
2. **PSYC 210** \_\_\_\_\_  
3. \_\_\_\_\_  
4. \_\_\_\_\_

Semester \_\_\_\_\_ Year \_\_\_\_\_  
1. **EDUC 215** \_\_\_\_\_  
2. **EDUC 220** \_\_\_\_\_  
3. \_\_\_\_\_  
4. \_\_\_\_\_

Semester \_\_\_\_\_ Year \_\_\_\_\_  
1. \_\_\_\_\_  
2. \_\_\_\_\_  
3. \_\_\_\_\_  
4. \_\_\_\_\_

Semester \_\_\_\_\_ Year \_\_\_\_\_  
1. **EDUC 313** \_\_\_\_\_  
2. **EDUC 315** \_\_\_\_\_  
3. \_\_\_\_\_  
4. \_\_\_\_\_

Semester \_\_\_\_\_ Year \_\_\_\_\_  
1. **EDUC 419** \_\_\_\_\_  
2. **EDUC 420** \_\_\_\_\_  
3. \_\_\_\_\_  
4. \_\_\_\_\_

Semester \_\_\_\_\_ Year \_\_\_\_\_  
1. **EDUC 421** \_\_\_\_\_  
2. \_\_\_\_\_  
3. \_\_\_\_\_  
4. **EDUC 314** \_\_\_\_\_

Semester \_\_\_\_\_ Year \_\_\_\_\_  
1. \_\_\_\_\_  
2. \_\_\_\_\_  
3. \_\_\_\_\_  
4. \_\_\_\_\_

Semester \_\_\_\_\_ Year \_\_\_\_\_  
1. \_\_\_\_\_  
2. \_\_\_\_\_  
3. \_\_\_\_\_  
4. \_\_\_\_\_

Courses in **BOLD** must be taken during the listed semester. Other courses are flexible.