

**MILLIKIN UNIVERSITY**

**[B.S.Degree - Biology, Traditional Track] - [Secondary Education Program] 8 Semester Plan**

<b>Semester #1</b>	<b>Term:</b>	<b>Hours</b>	Spg/Fall/Evry	<b>Semester #2</b>	<b>Term:</b>	<b>Hours</b>	Spg/Fall/Evry
*BI 105/155: Ecology and Evolution & Lab		4		*BI 108/158: Diversity of Life & Lab		4	
*CH 121/151: Gen Chem & Intro Chem Lab I		4		*CH 224/152: Gen Inorganic Chem & Intro Chem Lab II		4	
____ : Math (or Fine Arts) (or CO 200) (or 4 credits)		3		*ED 120/170: Intro to American Ed & Education Internship		4	
IN 140: University Seminar		3		IN 151: Critical Writing, Reading & Research II		3	
IN 150: Critical Writing, Reading & Research I		3		CO 200: Public Speaking (or Math) (or 4 credits)		3	
Semester Total		17		Semester Total		18	
<b>Cumulative Total</b>		<b>17</b>		<b>Cumulative Total</b>		<b>35</b>	
<b>Semester #3</b>	<b>Term:</b>	<b>Hours</b>	Spg/Fall/Evry	<b>Semester #4</b>	<b>Term:</b>	<b>Hours</b>	Spg/Fall/Evry
*BI 300: Genetics		4		*BI 125: Local Flora or BI 320 Field Ecology/Teachers (immersion)		4	
*CH 301/251: Organic Chem I & Intermed Chem Lab I or CH 203/205 Ess Organic and Biochem & Lab		4		*BI 305/355: Molecular and Cell Biology & Lab		4	
MA 140 Calculus (or MA110 or BI240) (or 3 credits)		3		*ED 201: Human Development, Gr 6-12 & K-12)		3	
*HI 203: US History to 1865 (or HI 204 since 1865)				IN 251: US Structural Studies		3	
Semester Total		11		____ : Fine Arts (or ICS)		3	
<b>Cumulative Total</b>		<b>46</b>		Semester Total		17	
<b>Semester #5</b>	<b>Term:</b>	<b>Hours</b>	Spg/Fall/Evry	<b>Semester #6</b>	<b>Term:</b>	<b>Hours</b>	Spg/Fall/Evry
*BI ____ : Biology Content Category (or 3 credits)		4		*BI ____ : Biology Content Category (or 3 credits)		4	
*BI 206: A&P I (or BI 207 A&P II) (or BI 301 in Spring)		4		*ED 310: Creating Communities of Learners		3	
*ED 115: Inst Strat of Individ. w/ LD in K-12 Class		3		*ED 321: Gen Secondary Methods & Assessment		3	
IN 350: Global Studies (or ICS) (or Literature)		3		*EN 302: Literacy		3	
*PY 111/171: College Physics I & PY Lab I		4		*PY 112:/172 College Physics II & PY Lab II		4	
Semester Total		18		Semester Total		17	
<b>Cumulative Total</b>		<b>81</b>		<b>Cumulative Total</b>		<b>98</b>	
<b>Semester #7</b>	<b>Term:</b>	<b>Hours</b>	Spg/Fall/Evry	<b>Semester #8</b>	<b>Term:</b>	<b>Hours</b>	Spg/Fall/Evry
*BI ____ : Biology Elective (or 3 credits)		4		*ED 478: Supervised Teaching in High School		12	
*BI 310: Sec Sci Content & Lab Devel (FALL only)		3		*ED 488: Education Senior Seminar		3	
*BI 326 Plant Biology (or BI 308 Plant Physiology)		4					
*BI 481: Senior Seminar		1					
*ED 420: Inst Analysis Design & Assessment		1					
IN 350: Global Studies (or ICS) (or Literature)		3					
*PY 104 Planets Lab (Fall) (or PY 105 Stars & Galaxies Lab)(Spring)		1					
Semester Total		17		Semester Total		15	
<b>Cumulative Total</b>		<b>115</b>		<b>Cumulative Total</b>		<b>130</b>	

\* Illinois Administrative Rules 25.100, ISBE: "All professional education and content-area coursework that forms part of an application for certification, endorsement, or approval that is received on or after February 1, 2012, must have been passed with a grade no lower than "C" or equivalent in order to be counted towards fulfillment of the applicable requirements."

- NOTES:**
- The schedule above provides a template. Schedules will vary by student. Summer courses may be taken at Millikin or another institution (course approved through Registrar)
  - Undergraduate graduation hour requirements: 124 credits
  - To be considered a full time student you must enroll in a minimum of 12 credit hours pe
  - If taking Advanced Placement courses in high school or considering dual enrollment in high school/community college courses, please make sure you speak with a faculty advisor or Registrar's Office at Millikin prior to your selection/enrollment.