

Life Science(for Odd-numbered year enrolled Students)

Freshmen		Sophomore		Junior		Senior	
1 st semester	2 nd semester	1 st semester	2 nd semester	1 st semester	2 nd semester	1 st semester	2 nd semester
<div>Choose either Biology GS1301 & Human Biology GS1302 (3Credit)</div> <div>General Chemistry & Rec. I GS1201 (3Credit)</div>	<div>General Biology Laboratory GS1311 (1Credit)</div> <div>Current Topics in Modern Life Sciences GS1304(GS2303) (1Credit)</div>	<div>Organic Chemistry I BS2101 (3Credit)</div> <div>Molecular Biology BS2102 (3Credit)</div> <div>Developmental Biology BS2203(BS4201) (3Credit)</div> <div>Introduction to bioinformatics BS2205 (3Credit)</div>	<div>Biochemistry I BS2104(BS3113) (3Credit)</div> <div>Biochemistry & Molecular Biology Laboratory BS2103(BS3111) (3Credit)</div> <div>Genetics BS2202(BS3202) (3Credit)</div> <div>Quantitative Life Science BS2201 (3Credit)</div> <div>Basic Anatomy and Histology BS2204 (3Credit)</div>	<div>Cell Biology BS3105 (3Credit)</div> <div>Cell & Developmental Biology Laboratory BS3112 (3Credit)</div> <div>Microbiology BS3201 (3Credit)</div> <div>Introduction to Mechanobiology BS3210 (3Credit)</div>	<div>Biochemistry II BS3101 (3Credit)</div> <div>Neurobiology BS3207(BS4204) (3Credit)</div> <div>Introduction to Genomics and Lab BS3206 (3Credit)</div> <div>Immunology BS3208(BS4205) (3Credit)</div> <div>Physiology I BS3209(BS4202) (3Credit)</div> <div>Experimental models for drug development BS3211 (2Credit)</div>	<div>Proteins in Life Sciences BS4216 (3Credit)</div> <div>RNA Biology BS4218 (3Credit)</div> <div>Cancer Biology BS4219 (3Credit)</div> <div>Medical Immunochemistry BS4213 (3Credit)</div> <div>Virology BS4223 (3Credit)</div>	<div>Metabolic Reprogramming BS4215 (3Credit)</div> <div>Basic Structural Biology BS4214 (3Credit)</div> <div>Medicinal Chemistry BS4206 (3Credit)</div> <div>Physiology II BS4217 (3Credit)</div>
<div>Single Variable Calculus and Applications GS1001 (3Credit)</div> <div>Software Basics and Coding GS1490 (2Credit)</div>	<div>Choose one of Multivariable Calculus and Applications GS2001 & Differential Equations and Applications GS2002 & Introduction to Linear Algebra and Applications GS2004 (3Credit)</div> <div>Computer programming GS1401 (3Credit)</div>			<div>Probability and Statistics MM3015 (3Credit)</div>	<div>Environmental Ecology BS3205 (3Credit)</div>		
MOOC General Electives	Other Majors 1 General Required	Other Majors 2 Major Elective Courses	Schedule to open Major Required Courses	Open every other year	Basic	Core	Advanced Core

* Use this only as a reference in registering for courses.
For accurate information, check the course registration
notice for each semester, etc.

Life Science(for Even-numbered year enrolled Students)

Freshmen		Sophomore		Junior		Senior	
1 st semester	2 nd semester	1 st semester	2 nd semester	1 st semester	2 nd semester	1 st semester	2 nd semester
<div>Choose either Biology GS1301 & Human Biology GS1302</div> <div>(3Credit)</div>	<div>General Biology Laboratory GS1311</div> <div>(1Credit)</div>	<div>Organic Chemistry I BS2101</div> <div>(3Credit)</div>	<div>Biochemistry I BS2104(BS3113)</div> <div>(3Credit)</div>	<div>Cell Biology BS3105</div> <div>(3Credit)</div>	<div>Biochemistry II BS3101</div> <div>(3Credit)</div>	<div>Proteins in Life Sciences BS4216</div> <div>(3Credit)</div>	<div>Medicinal Chemistry BS4206</div> <div>(3Credit)</div>
<div>General Chemistry & Rec. I GS1201</div> <div>(3Credit)</div>	<div>Current Topics in Modern Life Sciences GS1304(GS2303)</div> <div>(1Credit)</div>	<div>Molecular Biology BS2102</div> <div>(3Credit)</div>	<div>Biochemistry & Molecular Biology Laboratory BS2103(BS3111)</div> <div>(3Credit)</div>	<div>Cell & Developmental Biology Laboratory BS3112</div> <div>(3Credit)</div>	<div>Introduction to Genomics and Lab BS3206</div> <div>(3Credit)</div>	<div>Cancer Biology BS4219</div> <div>(3Credit)</div>	<div>Basic Structural Biology BS4214</div> <div>(3Credit)</div>
		<div>Developmental Biology BS2203(BS4201)</div> <div>(3Credit)</div>	<div>Genetics BS2202(BS3202)</div> <div>(3Credit)</div>	<div>Microbiology BS3201</div> <div>(3Credit)</div>	<div>Immunology BS3208(BS4205)</div> <div>(3Credit)</div>	<div>Medical Immunochimistry BS4213</div> <div>(3Credit)</div>	<div>Neurobiology BS3207(BS4204)</div> <div>(3Credit)</div>
		<div>Introduction to bioinformatics BS2205</div> <div>(3Credit)</div>	<div>Quantitative Life Science BS2201</div> <div>(3Credit)</div>	<div>RNA Biology BS4218</div> <div>(3Credit)</div>	<div>Physiology II BS4217</div> <div>(3Credit)</div>	<div>Virology BS4223</div> <div>(3Credit)</div>	<div>Physiology I BS3209(BS4202)</div> <div>(3Credit)</div>
			<div>Basic Anatomy and Histology BS2204</div> <div>(3Credit)</div>	<div>Introduction to Mechanobiology BS3210</div> <div>(3Credit)</div>	<div>Metabolic Reprogramming BS4215</div> <div>(3Credit)</div>		
					<div>Experimental models for drug development BS3211</div> <div>(2Credit)</div>		
<div>Single Variable Calculus and Applications GS1001</div> <div>(3Credit)</div>	<div>Choose one of Multivariable Calculus and Applications GS2001 & Differential Equations and Applications GS2002 & Introduction to Linear Algebra and Applications GS2004</div> <div>(3Credit)</div>			<div>Probability and Statistics MM3015</div> <div>(3Credit)</div>	<div>Environmental Ecology BS3205</div> <div>(3Credit)</div>		
<div>Software Basics and Coding GS1490</div> <div>(2Credit)</div>	<div>Computer programming GS1401</div> <div>(3Credit)</div>						
MOOC	Other Majors 1	Other Majors 2	Schedule to open	Open every other year	Basic	Core	Advanced Core
General Electives	General Required	Major Elective Courses	Major Required Courses				

* Use this only as a reference in registering for courses.
For accurate information, check the course registration
notice for each semester, etc.

Life Science(By Research Field)

Common Core	<div>Organic Chemistry I BS2101 (3Credit)</div> <div>Molecular Biology BS2102 (3Credit)</div> <div>Biochemistry & Molecular Biology Laboratory BS3111 (3Credit)</div> <div>Biochemistry I BS2104(BS3113) (3Credit)</div> <div>Biochemistry II BS3101 (3Credit)</div> <div>Cell Biology BS3105 (3Credit)</div> <div>Cell & Developmental Biology Laboratory BS3112 (3Credit)</div>
	<div>Molecular Biology</div> <div>Biochemistry</div> <div>Cell and Organismal Biology</div>
Basics	<div>Quantitative Life Science BS2201 (3Credit)</div> <div>Genetics BS2202(BS3202) (3Credit)</div> <div>Introduction to bioinformatics BS2205 (3Credit)</div> <div>Quantitative Life Science BS2201 (3Credit)</div> <div>Genetics BS3202 (3Credit)</div> <div>Basic Anatomy and Histology BS2204 (3Credit)</div>
Core Electives	<div>Introduction to Mechanobiology BS3210 (3Credit)</div> <div>Basic Structural Biology BS4214 (3Credit)</div> <div>Introduction to Genomics and Lab BS3206 (3Credit)</div> <div>Metabolic Reprogramming BS4215 (3Credit)</div> <div>Basic Structural Biology BS4214 (3Credit)</div> <div>Developmental Biology BS2203(BS4201) (3Credit)</div> <div>Immunology BS3208(BS4205) (3Credit)</div> <div>Microbiology BS3201 (3Credit)</div> <div>Virology BS4223 (3Credit)</div> <div>Physiology I BS3209(BS4202) (3Credit)</div> <div>Neurobiology BS4204 (3Credit)</div>
Advanced Core Electives	<div>RNA Biology BS4218 (3Credit)</div> <div>Medicinal Chemistry BS4206 (3Credit)</div> <div>Medical Immunochemistry BS4213 (3Credit)</div> <div>Cancer Biology BS4219 (3Credit)</div> <div>Physiology II BS4217 (3Credit)</div>
Advanced Electives	<div>Proteins in Life Sciences BS4216 (3Credit)</div> <div>Experimental models for drug development BS3211 (2Credit)</div>
Additional Electives	<div>Environmental Ecology BS3205 (3Credit)</div>

MOOC	Other Majors 1	Other Majors 2	Schedule to open	Open every other year	Basic	Core	Advanced Core
General Electives	General Required	Major Elective Courses	Major Required Courses				

* Use this only as a reference in registering for courses.
For accurate information, check the course registration notice for each semester, etc.