## **B.S. BIOLOGICAL SCIENCES - BIOS/BIOL.BS** (CIP 26.0101)

# DATE: See your Progress report

IVAIVIL.			D.S. DIOLOGICAL SCILINCLS - DIOS/D	10 21 D3 (CH 20:0101)	DAIL.
English Composition Placement	Mathematics Placement:		MAJOR34 Crs	ADJUNCT23 Crs	See your Progress report
Take ENGL T122, then choose a	See Bulletin for Criteria, & degre	e-audit	Cells & Heredity - Lec	Sci II: Chem A106/A108 (Gen Chem II &	for your requirements, options, &
Writing About Literature (any N-	for LUPL scores.		A1063	Lab)3/1	degree-progress. See LORA for
coded ccourse). AP, IB, CLEP, transfers, & dual-enrollment can	Register MathA257		Cells & Heredity - Lab	Organic Chem I - Lec	course availability by Semester.
fulfill each requirement. Students	Register MathA245		A10711	Chem-A3003	*All majors must take the ETS
with WAL credit must still satisfy	Register MathA118		Biology of Organisms - Lec	Organic Chem I - Lab	Biology field exam & participate
ENGL T122.	Register MathA110		A1083	Chem-A31011	in an exit interview prior to
			Biology of Organisms - Lab	Organic Chem II - Lec	graduation, typically during the
LOVOLA	CODE 40 Credite		A1091	Chem-A3013	Senior fall semester.
LOYOLA	CORE - 40 Credits		Ecology & Evolution - Lec	Organic Chem II - Lab	Loyola Core40 crs
FOUNDATION COURSES		Crs/Grade	A2083	Chem-A31111	Major34 crs
First-Year Seminar: BIOL T121, B	sioInquiry	3	ETS Exam/ Exit Interview (P/F)*	Math-A2603	Adjunct23 crs
Engl T122: Critical Reading and \	Writing	3	A4910	Phys-A1153	General Electives23 crs
Math A245 or A257		3	11	Phys-A11211	Total120 crs
Sci I: <u>Chem A105/A107 (Gen Che</u>	em I / Lab)	_ 3/1	ADVANCED BIOLOGY ELECTIVES23 Crs	Phys-A1163	Loyola Core requirements are governed by the catalog year that
		13	Course-code Lec/Lab Crs Grade	Phys-A1131	a student is admitted. See
KNOWLEDGE-VALUE COURSES				GENERAL ELECTIVES23 Crs	Bulletin.
Creative Arts and Cultures		3			
Hist I		3			
Hist II					
Phil I: Reasoning					
Phil II: Knowledge & Morality					
Rels I: Christian Traditions					
Rels II: World Religions		_ 3			
Sci II:_(Fulfilled in Adjuncts)		O N/A			
Social Science					
Writing About Literature_					
		27			
Use your degree-audit to keep this document updated.					
GPA: Must achieve 2.0 in Major, Minor (if declared), and Loyola			Must complete at least 5 labs in Biology		
cumulative.			Advanced Biology Electives must be BIOLA300 or	r	1
Courses used in the major cannot also be used to satisfy requirements for					1
	/ILL be applied to minors as ap		include BIOL A400+A401+A402)		†

## B.S. BIOLOGICAL SCIENCES - BIOM/BIOL.BS.MARI: Marine Biology (CIP 26.0101) DATE:

English Composition Placement	Mathematics Placement:		MAJOR		34 Crs	ADJUNCT	23 Crs	*BIOM Advanced
Take ENGL T122, then choose a	See Bulletin for Criteria, & see de					Sci II: Chem A106/A108 (Gen Chem		Elective Options
Writing About Literature (any N-	for LUPL scores.		A106		3	Lab)		Must select 2 LUMCON
coded ccourse). AP, IB, CLEP,	Register MathA257		Cells & Heredity -			Organic Chem I - Lec		(or marine station) courses,
transfers, & dual-enrollment can	Register MathA245		A107		1	Chem-A300	3	and at least 1 of the following:
fulfill each requirement. Students with WAL credit must still satisfy	Register MathA118		Biology of Organis			Organic Chem I - Lab		BIOLA330/331
ENGL T122.	Register MathA110		A108		3	Chem-A310	1	BIOLA334/335
			Biology of Organis			Organic Chem II - Lec		BIOLA336
LOVOLAC	CODE 40 Credite		A109		1	Chem-A301	3	BIOLA355
LOYOLAC	CORE - 40 Credits		Ecology & Evolution	on - Lec		Organic Chem II - Lab		BIOLA356/357
FOUNDATION COURSES		Crs/Grade	A208		3	Chem-A311	1	See your Progress report
First-Year Seminar: BIOL T121, B	ioInquiry	3	ETS Exam/ Exit Into	erview (P/F)**		Math-A260	3	for your requirements, options, &
Engl T122: Critical Reading and V	Writing	3	A491		0	Phys-A115	3	degree-progress. See LORA for
Math A245 or A257		_3			11	Phys-A112	1	course availability by Semester.
Sci I: <u>Chem A105/A107 (Gen Che</u>	em I / Lab)	3/1	*Advanced Biolog	y Electives	23 Crs	Phys-A116	3	**All majors must take the ETS
		13	Course-code	Lec/Lab	Crs Grade	Phys-A113	1	Biology field exam & participate
KNOWLEDGE-VALUE COURSES						GENERAL ELECTIVES	23 Crs	in an exit interview prior to
Creative Arts and Cultures		3				1		graduation, typically during the
								Senior fall semester.
Hist I		_3						
Hist II		3						
Phil I: Reasoning								
Phil II: Knowledge & Morality								
Rels I: Christian Traditions		3						
Rels II: World Religions		3						
Sci II: <u>(Fulfilled in Adjuncts)</u>		0 <u>N/A</u>						
Social Science		3						Loyola Core40 crs
Writing About Literature		3						Major34 crs
		27						Adjunct23 crs
Use your Progress report to keep this document updated.								General Electives23 crs
, , , , , , , , , , , , , , , , , , ,								Total120 crs
GPA: Must achieve 2.0 in Major, Minor (if declared), and Loyola			Must comple	te at least 5 lab	os in Biology			Loyola Core requirements are
cumulative.			*Advanced Biolo					governed by the catalog year that
Courses used in the major cannot also be used to satisfy requirements			or higher; must t					a student is admitted. See Bulletin
for a minor: Non-major courses WILL be applied to minors as appropriate.				IOL A400+A401	•			& Bulletin Archives.
ar	See requir	ed BIOM option	ns above.					

## B.S. BIOLOGICAL SCIENCES - BIOC/BIOL.BS.CELL: Cell & Molecular Biology (CIP 26.0101) DATE:

Take ENGIN T122, then choose a Writing About Literature (any Metring About Literature (any Met				· · · · · · · · · · · · · · · · · · ·		1		1	
Writing About Literature (any Nordice Conversed Nort Literature)  A106	English Composition Placement	Mathematics Placement:			34 Crs				
Coded course  AP,  B, CLEP   Register MathA257   Cells & Heredity - Lab   Organic Chem I - Lec   BioLo326/   Cells & Heredity - Lab   Organic Chem I - Lec   BioLo326/   Cells & Heredity - Lab   Organic Chem I - Lab   Chem - A300   3   BIOLo326/   Cells & Heredity - Lab   Organic Chem I - Lab   Chem - A300   3   BIOLo326/   Cells & Heredity - Lab   Organic Chem I - Lab   Chem - A310   1   Chem - A310   1   Chem - A310   1   Chem - A310   1   Chem - A310   3   BIOLo326/   Chem - Lab   Chem - A310   1   Chem - A310   3   Chem - A	<b>'</b>	See Bulletin for Criteria, & degree	-audit	· · · · · · · · · · · · · · · · · · ·		Sci II: Chem A106/A108 (Gen	Chem II &	Options: Select at least 3	3.
Transfers, & dial-emrollment can   Segister MathA257   Cells & Heredity Lab   Organic Chem I - Lec   BIOLA300/, and with WAL credit must still satisfy   Register MathA251   Register MathA252   Register Ma		for LUPL scores.		A106	3	Lab)	3/1	BIOLA328	
A107	•	Register MathA257		Cells & Heredity - Lab		Organic Chem I - Lec		BIOLA300/301	
Solicy   Register Math   Register Mat	1	Register MathA245		A107	1	Chem-A300	3	BIOLA305/306	
Biology of Organisms - Lab		Register MathA118		Biology of Organisms - Lec		Organic Chem I - Lab		BIOLA308/309	
LOYOLA CORE - 40 Credits	ENGL T122.	Register MathA110		A108	3	Chem-A310	1	BIOLA326/327	
Cology & Evolution - Lec   Crs/Grade   A208				Biology of Organisms - Lab		Organic Chem II - Lec		BIOLA347	
Cology & Evolution - Lec   Crs/Grade   A208	LOVOLAC	ODE 40 Crodito		A109	1	Chem-A301	3	BIOLA360/361	
First-Year Seminar: BIOL T121, BioInquiry         3         ETS Exam/ Exit Interview (P/F)**         Math-A260         3         degree-progress. Se course availability by Phys-A115         3         degree-progress. Se course availability by Phys-A115         3         degree-progress. Se course availability by Phys-A115         3         **AdVanced Biology Electives	LOYOLAC	ORE - 40 Credits				Organic Chem II - Lab		See your Progress report	
Engl T122: Critical Reading and Writing 3 A491 0 Phys-A115 3 course availability b Phys-A112 1 **All majors must to Phys-A110 A50 Phys-A110 A5	FOUNDATION COURSES		Crs/Grade	A208	3	Chem-A311	1	for your requirements, option	is, &
Math A245 or A257 3 111 Phys-A112 1 **All majors must the Sci I: Chem A105/A107 (Gen Chem I / Lab) 3/1 *Advanced Biology Electives	First-Year Seminar: BIOL T121, Bi	ioInquiry	_3	ETS Exam/ Exit Interview (P/F)**		Math-A260	3	degree-progress. See LORA	for
Sci I: Chem A105/A107 (Gen Chem I / Lab) 3/1 Advanced Biology Electives	Engl T122: Critical Reading and W	Vriting	_3	A491	0	Phys-A115	3	course availability by Semes	ter.
Advanced bloogy Electives	Math A245 or A257		_3		11	Phys-A112	11	**All majors must take the	ETS
KNOWLEDGE-VALUE COURSES  Creative Arts and Cultures  Hist I  Bell II: Knowledge & Morality  Rels II: World Religions  Sci II: [Fulfilled in Adjuncts)  Social Science  Writing About Literature  Use your Progress report to keep this document updated.  GENERAL ELECTIVES23 graduation, typically Senior fall sem  Bell II: Science S	Sci I: <u>Chem A105/A107 (Gen Che</u>	m I / Lab)	3/1	*Advanced Biology Electives	23 Crs	Phys-A116	3	Biology field exam & partici	pate
Creative Arts and Cultures 3 Senior fall sem  Hist I 3 Senior fall sem  Bels I: Reasoning Senior fall sem  Phil II: Knowledge & Morality Senior fall sem  Phil II: Knowledge & Morality Senior fall sem  Phil II: Knowledge & Morality Senior fall sem  Rels II: Christian Traditions Senior fall sem  Rels II: Christian Traditions Senior fall sem  Rels II: Christian Traditions Senior fall sem  Phil II: Knowledge & Morality Senior fall sem  Ph			13	Course-code Lec/Lab	Crs Grade	Phys-A113	11	in an exit interview prior	to
Hist I	KNOWLEDGE-VALUE COURSES					GENERAL ELECTIVES	23 Crs	graduation, typically during	the
Hist II	Creative Arts and Cultures		_3					Senior fall semester.	
Hist II									Ī
Phil II: Knowledge & Morality	Hist I		_3						
Phil II: Knowledge & Morality	Hist II		_3						
Rels I: Christian Traditions 3 Social Science 3 Social Science 3 Social Science 3 Social Science	Phil I: Reasoning		_3						
Rels II: World Religions	Phil II: Knowledge & Morality		3						
Sci II: _(Fulfilled in Adjuncts)	Rels I: Christian Traditions		_3						
Social Science	Rels II: World Religions		3						
Writing About Literature3 Major	Sci II: <u>(Fulfilled in Adjuncts)</u>		0 <u>N/A</u>						
Use your Progress report to keep this document updated.  General Electives Total	Social Science		_3					Loyola Core4	0 crs
Use your Progress report to keep this document updated.  General Electives  Total	Writing About Literature		_3					Major3	4 crs
Use your Progress report to keep this document updated.  Total			27					Adjunct2	3 crs
Total	Use your Progress report to keep this document updated.						General Electives2	3 crs	
CDA Must achieve 2.0 in Major, Minor (if declared) and Levels Must complete at least 5 labs in Riglogy								Total12	0 crs
Lougle Core require	GPA: Must achieve 2.0 in Major, Minor (if declared), and Loyola			Must complete at least 5 labs	in Biology			Loyola Core requirements	are
*Advanced Biology Electives must be BIOLA300 governed by the cata	cumulative.			~ .				governed by the catalog yea	
Courses used in the major cannot also be used to satisfy requirements or higher; must total 20 crs (6 crs of which may a student is admitted	Courses used in the major cannot also be used to satisfy requirements							a student is admitted. See Bu	
for a minor: Non-major courses WILL be applied to minors as include BIOL A400+A401+A402):	for a minor: Non-major courses WILL be applied to minors as							& Bulletin Archives.	
appropriate. See required BIOC options above.	ар	propriate.		See required BIOC options	above.				

#### B.S. BIOLOGICAL SCIENCES - BIOT/BIOL.BS.T: Teacher Education (CIP 26.0101) Secondary Education, Grades 6-12

		MAJOR31 Crs	ADJUNCT19 Crs TEACHER EDUCATION		
Take ENGL T122, then choose a See Bulletin for Criteria, & degree-audit		Cells & Heredity - Lec	Sci II: Chem A106/A108	Multicultural Education	
Writing About Literature (any N-		A1063		Teac-A100 (See Loyola Core) 0 N/A	
fulfill each requirement. Students	Register MathA257		Cells & Heredity - Lab	Organic Chem I - Lec	Adolescent Psychology
with WAL credit must still satisfy	Register MathA245		A10711		Psyc-A25533
ENGL T122.	Register MathA118		Biology of Organisms - Lec	Chem-A3003	Reading in the Content Area
	Register MathA110		A1083	Organic Chem I - Lab	Teac-A3103
			Biology of Organisms - Lab		The Learner with Special Needs
LOYOLA CO	ORE - 40 Credits		A1091	Chem-A3101	Teac-A2103
FOUNDATION COURSES	Crs/G	irade	Ecology & Evolution - Lec		Classroom Management/Organization
First-Year Seminar: BIOL T121, Bio	Inquiry	3	A2083	Math-A2603	Teac-A34333
Engl T122: Critical Reading & Writi	ng	3	ETS Exam/ Exit Interview (P/F)*		Secondary Methods I (General Pedagogy)
Math A245 or A257		3	A4910	Phys-A1153	Teac-A3003
Sci I: Chem A105/A107		3/1	11 Crs		Secondary Meth II (Field-specific Ped.)
		13	ADVANCED BIOLOGY ELECTIVES20 Crs	Phys-A11211	Teac-A30633
KNOWLEDGE-VALUE COURSES			Course-code Lec/Lab Crs Grade		Teaching Residency I
Creative Arts and Cultures		3		Phys-A11633	Teac-A4103
					Teaching Residency II
Hist I		3		Phys-A11311	Teac-A4126
Hist II3				Dyslexia	
					Teac-A3123
Phil I: Reasoning		3			TEAC students need 2 "ENGL" classes:
Phil II: Knowledge & Morality		3			Check WAL+Arts offerings
Rels I: Christian Traditions		3			See your Progress report for your
Rels II: World Religions		3			requirements, options, & degree-progress.
					See LORA for course availability.
Sci II: (Fulfilled in Adjuncts)		0 <u>N/A</u>			CDA Must askinus 2 Circles Advisor Mill
Social Science <u>TEACA100</u>		3			GPA: Must achieve 2.0 in Major, Minor (if declared), & Loyola Cumulative.
Writing About Literature (WAL)		3			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
		27		Advanced Biology Electives must be	Loyola Core40 crs
*All majors must take the ETS Biology field exam and participate in an exit				BIOLA300 or higher; must total 20 credits (6 credits of which may include BIOL	Major31 crs
interview prior to graduation, typically during the Senior fall semester.			Must complete at least 5 labs in Biology	A400+A401+A402)	Adjunct19 crs
Courses used in the major cannot also be used to satisfy requirements for			Loyola Core requirements are governed by t		Teacher Education30 crs
a minor: Non-major courses WILL	be applied to minors as appro	opriate.	See Bulletin & Bu	ılletin Archives.	Total120 crs

## B.S. BIOLOGICAL SCIENCES - BIOV/BIOL.BS.ECEV: Ecology/Evolutionary Biology (CIP 26.0101) DATE:

<b>English Composition Placement</b>	Mathematics Placement:		MAJOR		34	Crs	ADJUNCT	23 Crs	*BIOV Advanced Elective
Take ENGL T122, then choose a	See Bulletin for Criteria, & degre	e-audit	Cells & Heredity -	_ec			Sci II: Chem A106/A108 (Gen 0	Chem II &	Options: Select at least 3.
Writing About Literature (any N-	for LUPL scores.		A106		3		Lab)		BIOLA328
coded ccourse). AP, IB, CLEP,	Register MathA257		Cells & Heredity -				Organic Chem I - Lec		BIOLA303/304
transfers, & dual-enrollment can	Register MathA245		A107		1		Chem-A300	3	BIOLA330/331
fulfill each requirement. Students with WAL credit must still satisfy	Register MathA118		Biology of Organis		<del>-</del>		Organic Chem I - Lab		BIOLA334/335
ENGL T122.	Register MathA110		A108		2		Chem-A310	1	BIOLA336
			Biology of Organis				Organic Chem II - Lec	<b>+</b>	BIOLA338/339
			A109		1		Chem-A301	3	BIOLA345/346
LOYOLA (	CORE - 40 Credits		Ecology & Evolution				Organic Chem II - Lab		BIOLA347
FOUNDATION COURSES		Crs/Grade	A208		3		Chem-A311	1	BIOLA355
First-Year Seminar: BIOL T121, B	ioInquiry	3	ETS Exam/ Exit Into	erview (P/F)**			Math-A260	3	BIOLA356/357
Engl T122: Critical Reading and V	Writing	_3	A491		0		Phys-A115	3	See your Progress report
Math A245 or A257		_3			11		Phys-A112	1	for your requirements, options, &
Sci I: Chem A105/A107 (Gen Che	em I / Lab)	3/1	*Advanced Biolog	y Electives	23 (	Crs	Phys-A116	3	degree-progress. See LORA for
		13	Course-code	Lec/Lab	Crs Gra	ade	Phys-A113	1	course availability by Semester.
KNOWLEDGE-VALUE COURSES							GENERAL ELECTIVES	23 Crs	**All majors must take the ETS
Creative Arts and Cultures		_3							Biology field exam & participate
									in an exit interview prior to
Hist I		_3							graduation, typically during the
Hist II		_3							Senior fall semester.
Phil I: Reasoning									
Phil II: Knowledge & Morality									
Rels I: Christian Traditions									
Rels II: World Religions									
									10
Social Science									Loyola Core40 crs Major34 crs
Writing About Literature		_ <sup>3</sup>							Adjunct23 crs
27									General Electives23 crs
Use your Progres report to keep this document updated.									Total120 crs
GPA: Must achieve 2.0 in Major, Minor (if declared), and Loyola			Must comple	te at least 5 lab	bs in Biology	,			
cumulative.			*Advanced Biolo	gy Electives mu	ust be BIOLA	300			Loyola Core requirements are governed by the catalog year that
Courses used in the major cannot also be used to satisfy requirements			or higher; must t			nay			a student is admitted. See Bulletin
for a minor: Non-major courses WILL be applied to minors as				OL A400+A401					& Bulletin Archives.
appropriate.			See requir	ed BIOV option	ns above.				

B.S. BIOLOGICAL SCIENCES - BIOP/BIOL.BS.HEAL: Pre-Health Biology (CIP 26.0101) DATE:

INAIVIE.	D.3. DIOEO(	JICAL 3	CIENCES - DIOP/DIOL.DS. NEAL. PIE-F	icaltif biology (cli 20.0101) DATE.	
English Composition Placement	Mathematics Placement:		MAJOR34 Cr	s ADJUNCT23 Crs	*BIOP Advanced Elective
Take ENGL T122, then choose a	See Bulletin for Criteria, & see deg	ree-audit	Cells & Heredity - Lec	Sci II: Chem A106/A108 (Gen Chem II &	Options: Select at least 3.
Writing About Literature (any N-	for LUPL scores.		A1063	Lab)3/1	BIOLA300/301
coded ccourse). AP, IB, CLEP, transfers, & dual-enrollment can	Register MathA257		Cells & Heredity - Lab	Organic Chem I - Lec	BIOLA303/304
fulfill each requirement. Students	Register MathA245		A10711	Chem-A3003	BIOLA305/306
with WAL credit must still satisfy	Register MathA118		Biology of Organisms - Lec	Organic Chem I - Lab	BIOLA308/309
ENGL T122.	Register MathA110		A1083	Chem-A3101	BIOLA314/A315
			Biology of Organisms - Lab	Organic Chem II - Lec	BIOLA316/A317
LOVOLA	CORE - 40 Credits		A10911	Chem-A3013	BIOL A326/327
LOTOLA	CORE - 40 Credits		Ecology & Evolution - Lec	Organic Chem II - Lab	BIOLA328
FOUNDATION COURSES		Crs/Grade	A20833	Chem-A31111	BIOLA347
First-Year Seminar: BIOL T121, E	BioInquiry	3	Biochemistry: Biol-A405, Chem-A375, or	Math-A2603	BIOLA360/361
Engl T122: Critical Reading and V	Writing	3	Chem-A4003	Phys-A1153	BIOLA365
Math A245 or A257		3	ETS Exam/ Exit Interview (P/F)**	Phys-A11211	
Sci I: <u>Chem A105/A107 (Gen Ch</u>	em I / Lab)	3/1	A4910	Phys-A1163	
		13	14	Phys-A1131	
KNOWLEDGE-VALUE COURSES			*Advanced Biology Electives20 Crs	GENERAL ELECTIVES23 Crs	See your Progress report
Creative Arts and Cultures		3	Course-code Lec/Lab Crs Grade	2	for your requirements, options, &
					degree-progress. See LORA for
Hist I					course availability by Semester.
Hist II		3			**All majors must take the ETS
					Biology field exam & participate
Phil I: Reasoning					in an exit interview prior to
Phil II: Knowledge & Morality					graduation, typically during the
Rels I: Christian Traditions		3			Senior fall semester.
Rels II: World Religions					-
Sci II: <u>(Fulfilled in Adjuncts)</u>					
Social Science					Loyola Core40 crs
Writing About Literature		3			Major34 crs
27					Adjunct23 crs
Use your Progress report to keep this document updated.					General Electives23 crs Total120 crs
GPA: Must achieve 2.0 in Major, Minor (if declared), and Loyola			Must complete at least 5 labs in Biology		Loyola Core requirements are
cumulative.			*Advanced Biology Electives must be BIOLA300		governed by the catalog year that
Courses used in the major cannot also be used to satisfy requirements			or higher; must total 20 crs (6 crs of which may	/	a student is admitted. See Bulletir
for a minor: Non-major courses WILL be applied to minors as			include BIOL A400+A401+A402):		& Bulletin Archives.
appropriate.			See required BIOP options above.		