Degree Program Course List (DPCL) of major requirements for students entering Loyola in 2017-18

B.S. BIOCHEMISTRY - CHEB (Pre-Health) (CIP 26.0202) DATE: NAME: MAJOR......39 Crs | ADJUNCT......20 Crs ALEKS MATH COURSE PLACEMENT English Composition Placement is: General Chem I 76-100, MathA257, Calculus 1 ACT ENGL score 21 or above DRAFT Sci II: PhysA102/A104 (Electromag & A105 SAT Verbal score 501 or above Relativity/Lab 4+1 General Chem I - Lab 46-75, MathA118, Pre-Calculus Register for ENGL-T122 A107 ACT ENGL score 20 or below Calculus II 0-45, MathA092, Fundamentals of Algebra General Chem II SAT Verbal score 500 or below CHEMISTRY Math-A258 4____4 (not counted in final degree credits) A106 Register for ENGL-A100 DEPARTMENTAL HONORS General Chem II - Lab **LOYOLA CORE - 42 Credits** Biol Elect Students must: A108 1) Earn 2.5 Loyola Cum GPA & Crs/Grade Organic Chem I FOUNDATION COURSES Biol Elect 3.0 Major GPA, 2) engage in A300 First-Year Seminar T121 3 research approved by the dept, & Engl T122: Critical Reading and Writing 3 Organic Chem I - Lab Sci/Math Elect* ______3 3) complete 4 credits of A310 Math A257: Calculus I ______4___ CHEM-A498 or the equivalent. *Choose from Math, Phys, Biol, or Geol. 4/1 Organic Chem II Sci I: Phys-A101/A103 (Intro Mechanics/Lab) A301 3____ ETS EXAM 15 GENERAL ELECTIVES......16 Crs All majors must take the ETS Synthesis & Characterization KNOWLEDGE-VALUE COURSES CHEM field exam, CHEM-A491. Creative Arts and Cultures ______3 (Pass/Fail) & complete an exit Hist I: T122/Emerging World or T124/Modern*_____3 Inorganic Chem I survey in last semester prior to A350 *Choice determines Hist II course below. graduation. Hist II:______3____ Physical Chem I CHEM-A491____0 *If T122 taken above, take HIST-Q###; if T124 above, take HIST-P### Lovola Core......42 crs Integrated Chem Lab I Phil I: Reasoning 3 A320 Language.....3 crs Phil II: Knowledge & Morality 3 Major......39 crs Rels I: Christian Theology______3___ Biochemistry I Adjunct......20 crs A400_ Rels II: World Religions_______3____ General Elective......16 crs Sci II: (Fulfilled in Adjuncts) 0 Biochemistry I - Lab A402 Social Science______3____ Writing About Literature ______3___ Biochemistry II Loyola Core requirements are A401 27 governed by the catalog year that a LANGUAGE OR COMPUTER PROGRAMMING.....3 Crs student is admitted. Capstone Presentation A) Choice of either spoken or classical language at the A101 level. A493 1 GPA: Must achieve 2.0 in Major, Language above A101 not required for Chemistry Majors. If place at A100 5 Crs. Chem Electives, A300-400 Crs Grade Minor (if declared), and Lovola level, take A100 & A101. A100 credits will count in General Elective. cumulative. Placement _____/LANG A101______3 Courses used in the major cannot also be used to satisfy B) Intro to Programming I & II: COSC A211 is the prerequisite for COSC

A212. Credits for COSC A211 will count in General Elective.

COSC A211 (check-off \square) & COSC A212

requirements for a minor: Non-

minors as appropriate.

major courses WILL be applied to

NAME:	B.S. CI	HEMIST	RY - CHEM (ACS Certi				
English Composition Placement is:	ALEKS MATH COURSE PLA	ACEMENT	MAJOR	44 Crs	ADJUNCT	15 Crs	
ACT ENGL score 21 or above	76-100, MathA257, Calculus	1	General Chem I & Lab				DDAFT
SAT Verbal score 501 or above			A105 & A107	3+1	Sci II: PhysA102/A104 (Elect		DRAFT
Register for ENGL-T122	46-75, MathA118, Pre-Calculum	us	General Chem II & Lab		Relativity/Lab	4+1	
ACT ENGL score 20 or below			A106 & A108	3+1			
SAT Verbal score 500 or below	0-45, MathA092, Fundamenta			-	Calculus II		CHEMICEDY
Register for ENGL-A100	(not counted in final de		17AAA 1022	3	Math-A258	4	CHEMISTRY DEPARTMENTAL HONORS
LOYOLA CORE - 42 Credits			Organic Chem I - Lab A310	11	Math Elect*	3	DEPARTMENTAL HONORS Students must:
FOUNDATION COURSES		Crs/Grade	Organic Chem II + Synth. & Cha	aracterization			1) Earn 2.5 Loyola Cum GPA &
First-Year Seminar T121		3	A301 & A314	3+2	Sci/Math Elect**	3	3.0 Major GPA, 2) engage in
	Vriting	3	Inorganic Chem I				research approved by the dept, &
Engl T122: Critical Reading and Writing 3 Math A257: Calculus I 4		A350	3	*Choose from Math-A200 or	A310	3) complete 4 credits of	
Sci I: Phys-A101/A103 (Intro Med	chanics/Lab)	4/1	Physical Chem I		**Choose from Math, Phys, I	Biol, or Geol.	CHEM-A498 or the equivalent,
bern rays more (masses)		15	A306	3			ETS EXAM
KNOWLEDGE-VALUE COUR	SES		Physical Chem II		GENERAL ELECTIVES	16 Crs	All majors must take the ETS
Creative Arts and Cultures		3	A307	3			CHEM field exam, CHEM-A491,
Hist I: T122/Emerging World or			Physical Chemistry Lab I			3	(Pass/Fail) & complete an exit
*Choice determines Hist II course			A308	11			survey in last semester prior to
	octon.	3	Physical Chemistry Lab II			3	graduation.
*If T122 taken above, take HIST-Q			A309	1			CHEM-A4910
		3	Integrated Chem Lab I			3	Loyola Core42 crs
Phil II: Knowledge & Morality		3	A320	3			Language3 crs
Rels I: Christian Theology			Biochemistry I			3	Major44 crs
Date of the second disconnect was an		3	A400	3			Adjunct15 crs
Sci II: (Fulfilled in Adjuncts)		0	Instrumental Analysis			3	General Elective16 crs
MD - 01/07/99/15/93		2	A410	4			Total120 crs
Writing About Literature		20	Capstone Presentation			1	Loyola Core requirements are
		27	A493	1			governed by the catalog year that
LANGUAGE <u>OR</u> COMPUTER	PROGRAMMING	3 Crs	5 Crs. Chem Electives, A400-499	Crs Grade	e		student is admitted.
A) Choice of either spoken or class	ssical language at the A1011	evel.					CDA: Must askieus 2.0 is Mai
Language above A101 not required for Chemistry Majors. If place at A100 level, take A100 & A101. A100 credits will count in General Elective.						GPA: Must achieve 2.0 in Major, Minor (if declared), and Loyola cumulative.	
Placement/LANG	A101	3					Courses used in the major cannot
B) Intro to Programming I & II: COSC A211 is the prerequisite for COSC A212. Credits for COSC A211 will count in General Elective.			The COURT			also be used to satisfy requirements for a minor: Non- major courses WILL be applied to	
COSC A211 (check-off []) & COSC A212 3		Restricted to a maximum of 3 credits of CHEM-A486 and/or A498				minors as appropriate.	

Degree Program Course List (DPCL) of major requirements for students entering Loyola in 2017-18

NAME:

B.S. CHEMISTRY (Liberal Arts) - CHET (Teacher Education) (CIP 40.0501) DATE:

NAME:	D.S. CHEMIST	XI (Line	rai Arts) - CHET (Teach	ici Educ	teron) (en torocor) =:		
English Composition Placement is:	ALEKS MATH COURSE PL	ACEMENT	MAJOR	30 Crs	TEACHER EDUCATION	30 Crs	ADJUNCT9 Crs
ACT ENGL score 21 or above	76-100, MathA257, Calculus	1	General Chem I - Lec		Multicultural Education		Sci II: PhysA102/A104 (Electromag &
SAT Verbal score 501 or above			A105	3	Teac-A100 (See Loyola Core)	_0	Relativity/Lab4+1
Register for ENGL-T122	122 46-75, MathA118, Pre-Calculus		General Chem I - Lab		Educational Psychology		Calculus II
ACT ENGL score 20 or below			A107	11	Psyc-A250	_3	Math-A2584
SAT Verbal score 500 or below	0-45, MathA092, Fundament	als of Algebra	General Chem II - Lec		Adolescent Psychology		CHEMISTRY
Register for ENGL-A100	The contraction of the contracti			3	Psyc-A255	_3	DEPARTMENTAL HONORS
, avovi a	one 42 C 114		General Chem II - Lab		Reading in the Content Area		Students must:
LOYOLA CORE - 42 Credits			A108	1	Teac-A310	_3	1) Earn 2.5 Loyola Cum GPA and 3.0
FOUNDATION COURSES Crs/Grade		Organic Chem I - Lec		The Learner with Special Needs		Major GPA, 2) engage in research	
		A300	3	Teac-A210	_3	approved by the dept, & 3) complete 4	
		Organic Chem I - Lab		Classroom Management/Organizat	ion	credits of CHEM-A498 or the equivalent.	
Math A257: Calculus I		4	A310	11	Teac-A343	_3	ETS EXAM
Sci I: Phys-A101/A103 (Intro Mec		4/1	Organic Chem II - Lec		Secondary Methods I (General Ped		All majors must take the ETS
The second secon	30 m	15	A301	3	Teac-A300	_3	CHEM field exam, CHEM-A491,
KNOWLEDGE-VALUE COURS	SES		Synthesis & Characterization		Secondary Methods II		(Pass/Fail) & complete an exit
		A314	2	(Pedagogy to Specific Field)		survey in last semester prior to	
A STATE OF THE PROPERTY OF THE		Inorganic Chem I - Lec		Teac-A304	_3	graduation.	
*Choice determines Hist II course below		A350	3	Student Teaching		CHEM-A4910	
Hist II:		3	Oral Presentation		Teac-A410	_9	Loyola Core42 crs
*If T122 taken above, take HIST-Q#	##; if T124 above, take HIST-	P###	A493	1			Language3 crs
Phil I: Reasoning 3		9 Crs. Chem Electives, A300-400	Crs Grade	GENERAL ELECTIVES	6 Crs	Major30 crs	
Phil II: Knowledge & Morality						_3	Teacher Education30 crs
Rels I: Christian Theology						_3	General Elective
TE 180 SEC 1841 A		2					Adjunct9 crs
		0					Total120 crs
Social Science TEACA100		3					GPA: Must achieve 2.0 in Major, Minor
Writing About Literature_		3					(if declared), & Loyola cumulative.
		27					Loyola Core requirements are governed
LANGUAGE OR COMPUTER	PROGRAMMING	3 Crs					by the catalog year that a student is
Spoken modern foreign language at placement level of A100 or A101 OR							admitted. See Bulletin for add'l details.
Classical Greek/Latin A100 or A10	OI (language above the A10	l level not					
required) OR Intro to Programming 1 or II (COSC-A211 or COSC-A212). Language Placement				DRAFT		Courses used in the major cannot also	
Language i lacoment)						be used to satisfy requirements for a minor: Non-major courses WILL be
		3	Max 3 crs A486 and/or A498 all	owed.			applied to minors as appropriate.

Degree Program Course List (DPCL) of major requirements for students entering Loyola or transferring into the major in 2017-18

B.S. CHEMISTRY, FORENSIC SCIENCE - CHFS (CIP 40.0510) DATE: NAME: MAJOR..........36 Crs ADJUNCT.........................19 Crs CONCENTRATION OPTIONS, 13-14 Crs ALEKS MATH COURSE PLACEMENT English Composition Placement is: I: Instrumental Analysis (INST) Sci II: Phys-A102/A104 (Elec & Rel/Lab) 76-100, MathA257, Calculus 1 ACT ENGL score 21 or above General Chem I Physical Chemistry I A105 SAT Verbal score 501 or above A306 Calculus II. MathA258 General Chem I - Lab 46-75, MathA118, Pre-Calculus Register for ENGL-T122 Physical Chemistry II ACT ENGL score 20 or below A107 Math-A260 or Crim-A260 0-45, MathA092, Fundamentals of Algebra General Chem II SAT Verbal score 500 or below Physical Chem Labs I & II (not counted in final degree credits) A106 Register for ENGL-A100 A308 & A309 1+1Cells & Heredity: Biol-A106/A107 General Chem II - Lab LOYOLA CORE - 42 Credits 3+1 Choose two (2) from the following: A108 Crs/Grade Math: A200, A310, A320, A375 Criminalistic II: Crime Lab FOUNDATION COURSES Organic Chem I Frsc-A201 3 3 A300 First-Year Seminar T121 GENERAL ELECTIVES.....6-7 Crs Engl T122: Critical Reading and Writing 3 Organic Chem I - Lab A310 Math A257: Calculus I 4 II: Biochemistry & Genetics (GENE) Sci I: Phys-A101/A103 (Intro Mechanics/Lab) 4/1 Organic Chem II Biol of Organisms A301 15 Biol-A108 - Lec 3 Synthesis & Characterization KNOWLEDGE-VALUE COURSES Biol-A109 - Lab 1 Creative Arts and Cultures CHEMISTRY DEPARTMENTAL HONORS Molecular Genetics Hist I: T122/Emerging World or T124/Modern*_____3 Integrated Chem Lab I Biol-A326 - Lec ______3___ Students must: 1) Earn 2.5 Loyola Cum A320 *Choice determines Hist II course below Intro to Forensic Methods Biol-A327 - Lab GPA and 3.0 Major GPA, 2) engage in 3 Hist II: research approved by dept, & 3) complete Genetic Analysis A315 *If T122 taken above, take HIST-Q###; if T124 above, take HIST-P### Biol-A328 - Lec 3 4 crs CHEM-A498 or the equivalent. Biochemistry I Phil I: Reasoning Phil II: Knowledge & Morality 3 A400 ETS EXAM: All majors must take the ETS Biochemistry II Chem-A401 - Lec CHEM field exam, CHEM-A491, (Pass/Fail) Rels I: Christian Theology 3 Techniques in Biochemistry & complete an exit survey in last semester A402 Rels II: World Religions III: Human Mind & Behavior (MIND) prior to graduation. Sci II: (Fulfilled in Adjuncts) 0 Instrumental Analysis Intro to Psychology 3 CHEM-A491 Social Science Psyc-A100 _____ 3 Courses used in major cannot also be used Writing About Literature____ Chemistry Seminar For Majors Developmental Psychology for regs in a minor: Non-major courses A486 Psyc-A230 LANGUAGE OR COMPUTER PROGRAMMING.....3 Crs WILL be applied to minors as appropriate. Internship / Research A) Choice of either spoken or classical language at the A101 level. A497 or A498 Loyola Core......42 crs Take two (2) from the following for 7 crs Language above A101 not required for Chemistry Majors. If place at A100 Capstone Presentation level, take A100 & A101. A100 credits will count in General Elective. A493 Placement _____/LANG A101 3 GPA: Must achieve 2.0 in Major, Minor B) Intro to Programming I & II: COSC A211 is the prerequisite for COSC General Elective......6-7 crs if declared), & Loyola cumulative. A212. Credits for COSC A211 will count in General Elective. Loyola Core regs are governed by the 13 Total......120 crs catalog year that a student is admitted. COSC A211 (check-off \square) & COSC A212

MINOR TRACKING SHEET:

Courses used in the Major cannot be used to satisfy courses in the Minor. Plan to take the below classes as part of (or in addition to) your General Elective allowance, because GE courses can be used in both areas.

areas.	
Forensic Chemistry (CHFS)	21 crs
General Chem I	
A105 (Lec)	3
A107 (Lab)	
General Chem II	
A106 (Lec)	3
A108 (Lab)	1
Organic I	
A300 (Lec)	3
A310 (Lab)	1
Organic II	
A301 (Lec)	3
ChemA315	3
ChemA497	3
Cannot use Chem-A486 for credit	
2.0 GPA required	
Advisor: Department Chair	
	2017-201

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MINOR TRACKING SHEET:

Courses used in the Major cannot be used to satisfy courses in the Minor. Plan to take the below classes as part of (or in addition to) your General Elective allowance, because GE courses can be used in both areas.

Chemistry (CHMM)	21 crs
General Chem I	
A105 (Lec)	3
A107 (Lab)	1
General Chem II	
A106 (Lec)	3
A108 (Lab)	
Organic I	
A300 (Lec)	3
A310 (Lab)	
Organic II	
A301 (Lec)	3
Chem Elective	
A300-A400	3
Chem Elective	
A300-A400	3
Cannot use Chem-A486 for credit	
2.0 GPA required	
Advisor: Department Chair	2017-2018

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