

# UIC Graduation Requirement Tables

## **Life Science and Biotechnology**

(Major, Double Major, Transfer Student with a Bachelor's Degree, Minor)

1. Major Graduation Requirements (The same rule applies to General Transfer Students)

UIC Life Science and Biotechnology

Category		2006, 2007		2008		2009, 2010		2011		2012		2013, 2014		2015-2017		2018	
		Course	Credit	Course	Credit	Course	Credit	Course	Credit	Course	Credit	Course	Credit	Course	Credit	Course	Credit
Common Curriculum	CC	Chapel	4P(2P)	Chapel	4P(2P)	Chapel	4P(2P)	Chapel	4P(2P)	Chapel	4P(2P)	Chapel	4P(2P)	Chapel	4P(2P)	Chapel	4P(2P)
		Understanding Christianity	3	Understanding Christianity	3	Understanding Christianity	3	Understanding Christianity	3	Understanding Christianity	3	Understanding Christianity	3	Understanding Christianity	3	Understanding Christianity	3
		Writing Tutorial	3	Writing Tutorial	3	Writing Tutorial	3	Writing Tutorial	3	Freshman Writing Intensive Seminar	3	Freshman Writing Intensive Seminar	3	Freshman Writing Intensive Seminar	3	Freshman Writing Intensive Seminar	3
		World Literature	6	World Literature	3	World Literature	3	World Literature or World History	3	CC L-H-P Series	3	CC L-H-P Series	3	CC L-H-P Series	3	CC L-H-P Series	3
		World History	6	World History	3	World History	3			Critical Reasoning or Research Design and Quantitative Methods	3	Critical Reasoning or Research Design and Quantitative Methods	3	Critical Reasoning or Research Design and Quantitative Methods	3	Critical Reasoning or Research Design and Quantitative Methods	3
		Critical Reasoning	3	Critical Reasoning or Research Design and Quantitative Methods	3	Critical Reasoning or Research Design and Quantitative Methods	3	UIC Seminars	6	UIC Seminars	6	UIC Seminars	6	UIC Seminars	6	UIC Seminars	6
		Research Design and Quantitative Methods	3	One Common Curriculum course	3	One Common Curriculum course	3	Western Civilization or Eastern Civilization	3	Western Civilization or Eastern Civilization	3	Western Civilization or Eastern Civilization	3	Western Civilization or Eastern Civilization	3	Western Civilization or Eastern Civilization	3
		UIC Seminars	6-12	UIC Seminars	6	UIC Seminars	6	Global Leadership Forum	3	Global Leadership Forum	3	Holistic Education I, II, III (Select 2 out of 3)	2	Holistic Education I, II, III (Select 2 out of 3)	2	Social Engagement	1
								Holistic Education	2	Holistic Education I	1						
										Holistic Education III or IV	1	Yonsei RC101	1	Yonsei RC101	1	Yonsei RC101	1
	UICE	Basic Science Requirements: General Biology and Laboratory I, II, General Chemistry and Laboratory I, II, Calculus and Vector Analysis I, II, General Physics and Laboratory I, II	18	Basic Science Requirements: General Biology and Laboratory I, II, General Chemistry and Laboratory I, II, Calculus and Vector Analysis I, II, General Physics and Laboratory I, II	18	Basic Science Requirements: General Biology and Laboratory I, II, General Chemistry and Laboratory I, II, Calculus and Vector Analysis I, II, General Physics and Laboratory I, II	18	Basic Science Requirements: General Biology and Laboratory I, II, General Chemistry and Laboratory I, II, Calculus and Vector Analysis I, II, General Physics and Laboratory I, II	18	Basic Science Requirements: General Biology and Laboratory I, II, General Chemistry and Laboratory I, II, Calculus and Vector Analysis I, II, General Physics and Laboratory I, II	18	Basic Science Requirements: General Biology and Laboratory I, II, General Chemistry and Laboratory I, II, Calculus and Vector Analysis I, II, General Physics and Laboratory I, II	18	Basic Science Requirements: General Biology and Laboratory I, II, General Chemistry and Laboratory I, II, Calculus and Vector Analysis I, II, General Physics and Laboratory I, II	18	Basic Science Requirements: General Biology and Laboratory I, II, General Chemistry and Laboratory I, II, Calculus and Vector Analysis I, II, General Physics and Laboratory I, II	18
		Subtotal	48-54	Subtotal	42	Subtotal	42	Subtotal	44	Subtotal	44	Subtotal	44	Subtotal	44	Subtotal	43
Major	MR	General Microbiology	3	General Microbiology	3	General Microbiology	3	General Microbiology	3	General Microbiology	3	General Microbiology	3	General Microbiology	3	General Microbiology	3
		Organic Chemistry	3	Organic Chemistry	3	Organic Chemistry	3	Organic Chemistry	3	Organic Chemistry	3	Organic Chemistry	3	Organic Chemistry	3	Organic Chemistry	3
		Biochemistry	3	Biochemistry	3	Biochemistry	3	Biochemistry	3	Biochemistry	3	Biochemistry	3	Biochemistry	3	Biochemistry	3
		Cell Biotechnology (Cell Biology)	3	Cell Biotechnology (Cell Biology)	3	Cell Biotechnology (Cell Biology)	3	Cell Biotechnology (Cell Biology)	3	Cell Biotechnology (Cell Biology)	3	Cell Biotechnology (Cell Biology)	3	Cell Biotechnology (Cell Biology)	3	Cell Biotechnology (Cell Biology)	3
		Molecular Biology	3	Molecular Biology	3	Cell Biotechnology (Cell Biology)	3	Cell Biotechnology (Cell Biology)	3	Cell Biotechnology (Cell Biology)	3	Cell Biotechnology (Cell Biology)	3	Cell Biotechnology (Cell Biology)	3	Cell Biotechnology (Cell Biology)	3
		Chemical Biology	3	Chemical Biology	3	Molecular Biology	3	Molecular Biology	3	Molecular Biology	3	Molecular Biology	3	Molecular Biology	3	Molecular Biology	3
		Experiment in Molecular Biotechnology or Experiment in Microbiology and Biochemical Engineering or Experiment in Molecular Cell Biology	3	Experiment in Molecular Biotechnology or Experiment in Microbiology and Biochemical Engineering or Experiment in Molecular Cell Biology	3	Experiment in Molecular Biotechnology or Experiment in Microbiology and Biochemical Engineering or Experiment in Molecular Cell Biology	3	Experiment in Molecular Biotechnology or Experiment in Microbiology and Biochemical Engineering or Experiment in Molecular Cell Biology	3	Experiment in Molecular Biotechnology or Experiment in Microbiology and Biochemical Engineering or Experiment in Molecular Cell Biology	3	Experiment in Molecular Biotechnology or Experiment in Microbiology and Biochemical Engineering or Experiment in Molecular Cell Biology	3	Experiment in Molecular Biotechnology or Experiment in Microbiology and Biochemical Engineering or Experiment in Molecular Cell Biology	3	Experiment in Molecular Biotechnology or Experiment in Microbiology and Biochemical Engineering or Experiment in Molecular Cell Biology	3
	ME		21		36		42		42		42		42		42		42
		Subtotal	42	Subtotal	57	Subtotal	57	Subtotal	57	Subtotal	57	Subtotal	57	Subtotal	57	Subtotal	57
Total Credits		126		135		135		135		135		135		135		135	

1. For students who entered in 2006 and 2007, the number of Common Curriculum credits can differ depending upon whether or not the student studies abroad. While studying abroad (including Exchange Program, Visiting Program, and Study Abroad Program), a student is allowed to take electives instead of UIC seminars.

LSBT students who entered in 2008 and thereafter should take a minimum of 2 UIC Seminars regardless of their participation in exchange programs.

2. Basic Science Requirements will be fulfilled by taking any 6 courses. It can also be retroactively applied for students admitted before 2016. Students admitted before 2016 who have already fulfilled the previous requirements are not affected by the revised requirement.

3. LSBT majors can take courses taught in Korean, and up to 4 of these courses (12 credits) can be counted toward fulfilling the credit requirements for the major.

The exceptions to this rule are MR courses, which must be taken within the UIC course offerings.

4. Notice for transfer students

1) Transfer students entered as juniors are required to take 2 semesters of Chapel, whereas transfer students entered as sophomores are required to take 3 semesters of Chapel.

2) Transfer students class of 2011 (2011학번) and thereafter may take additional 3 credits of CC L-H-P Series instead of Western Civilization or Eastern Civilization.

3) Transfer students class of 2011 (2011학번) and thereafter are waived from Humanities Reading Seminar I or II, Global Leadership Forum and Holistic Education courses.

## 2. Double Major Graduation Requirements

### UIC Life Science and Biotechnology

구분	종별	2006, 2007		2008		2009~2014		2015~2018	
		Course	Credit	Course	Credit	Course	Credit	Course	Credit
Major	MR	Biochemistry	3	Biochemistry	3	Biochemistry	3	Biochemistry	3
		Cell Biology	3	Cell Biology	3	Cell Biotechnology (Cell Biology)	3	Cell Biotechnology (Cell Biology)	3
		Molecular Biology	3	Molecular Biology	3	Molecular Biology	3	Molecular Biology	3
		Experiment in Molecular Biotechnology or Experiment in Microbiology and Biochemical Engineering or Experiment in Molecular Cell Biology	3	Experiment in Molecular Biotechnology or Experiment in Microbiology and Biochemical Engineering or Experiment in Molecular Cell Biology	3	Experiment in Molecular Biotechnology or Experiment in Microbiology and Biochemical Engineering or Experiment in Molecular Cell Biology	3	Experiment in Molecular Biotechnology or Experiment in Microbiology and Biochemical Engineering or Experiment in Molecular Cell Biology	3
	ME		24		24		24		24
		Subtotal	36	Subtotal	36	Subtotal	36	Subtotal	36
Common Curriculum	UICE	General Biology and Laboratory I , II , General Chemistry and Laboratory I , II , Calculus and Vector Analysis I , II or General Physics and Laboratory I , II <sup>3</sup>	18	General Biology and Laboratory I , II , General Chemistry and Laboratory I , II , Calculus and Vector Analysis I , II or General Physics and Laboratory I , II <sup>3</sup>	18	General Biology and Laboratory I , II , General Chemistry and Laboratory I , II , Calculus and Vector Analysis I , II , General Physics and Laboratory I , II <sup>3</sup>	18	General Biology and Laboratory I , II , General Chemistry and Laboratory I , II , Calculus and Vector Analysis I , II , General Physics and Laboratory I , II	18
		Subtotal	18	Subtotal	18	Subtotal	18	Subtotal	18
Total Credits		54		54		54		54	

1. Only UIC students can apply for a double major within UIC major offerings.

2. LSBT majors can take courses taught in Korean, and up to 4 of these courses (12 credits) can be counted toward fulfilling the credit requirements for the major.

The exceptions to this rule are MR courses, which must be taken within the UIC course offerings.

3. The first 12 credit-hours will come from taking one course from each group: Those with " I " are courses designated for students with no prior study. However, qualified students may begin with the " II " course.

The remaining 6 credit-hours will come from taking any two courses from among the four groups.

4. For common curriculum requirements, students having a double (2nd) major should follow the CC requirements of their 1st major.

### 3. Graduation Requirements for Transfer Students with a Bachelor's Degree

#### UIC Life Science and Biotechnology

Category		2006, 2007		2008		2015~2018	
		Course	Credit	Course	Credit	Couse	Credit
Major	MR	General Microbiology	3	General Microbiology	3	Organic Chemistry	3
		Organic Chemistry	3	Organic Chemistry	3		
		Biochemistry	3	Biochemistry	3	Biochemistry	3
		Cell Biotechnology (Cell Biology)	3	Cell Biotechnology (Cell Biology)	3		
		Molecular Biology	3	Molecular Biology	3	Cell Biotechnology (Cell Biology)	3
		Chemical Biology	3	Chemical Biology	3	Chemical Biology	3
		Experiment in Molecular Biotechnology or Experiment in Microbiology and Biochemical Engineering or Experiment in Molecular Cell Biology	3	Experiment in Molecular Biotechnology or Experiment in Microbiology and Biochemical Engineering or Experiment in Molecular Cell Biology	3	Experiment in Molecular Biotechnology or Experiment in Microbiology and Biochemical Engineering or Experiment in Molecular Cell Biology	3
	ME		21		36		42
		<b>Subtotal</b>	<b>42</b>	<b>Subtotal</b>	<b>57</b>	<b>Subtotal</b>	<b>57</b>
<b>Total Credits</b>		<b>58</b>		<b>58</b>		<b>58</b>	

1. Transfer students with a bachelor's degree are required to take 2 semesters of Chapel.

2. LSBT majors can take courses taught in Korean, and up to 4 of these courses (12 credits) can be counted toward fulfilling the credit requirements for the major.

The exceptions to this rule are MR courses, which must be taken within UIC course offerings.

## 4. Minor Graduation Requirements

### UIC Life Science and Biotechnology

구분	종별	2006~2018	
		Course	Credit
Major	MR	Biochemistry	3
		Cell Biotechnology (Cell Biology)	3
		Molecular Biology	3
	ME		9
		<b>Subtotal</b>	<b>18</b>
<b>Total Credits</b>		<b>18</b>	

1. Only UIC students can apply for a minor within UIC major offerings.

2. LSBT majors can take courses taught in Korean, and up to 4 of these courses (12 credits) can be counted toward fulfilling the credit requirements for the major.

The exceptions to this rule are MR courses, which must be taken within UIC course offerings.