





Chemistry Graduate Pathway Program

The Chemistry Graduate Pathway program provides international students with a direct path to the non-thesis Chemistry Master of Science Program at Oregon State University.

About the Department of Chemistry

- Home to the \$20M NSF Center for Sustainable Materials Chemistry.
- Largest PhD program at OSU with diverse graduate student body from all around the world.
- OSU chemistry faculty and students have founded more than a dozen companies and licensed multiple technologies since 2000.

Program Benefits

- Qualifies as a STEM major with a 36-month OPT option
- Assured progression to OSU's master program in chemistry
- Earn up to 12 graduate credit hours
- Up to 40 hours of GRE preparation
- Dedicated academic advisor and progression advisor to help facilitate transition from the Pathway

World-class Facilities

- Linus Pauling Science Center:
 Researchers focus on understanding nutrition and micronutrients to help prevent chronic disease.
- Electron Microscopy Facility:

 One of only two facilities in the US with advanced microscopy instruments.
- Nuclear Magnetic Resonance Facility:
 State-of-the-art instrumentation for chemistry-related researchers.

OSU is home to the National Center for Sustainable Materials Chemistry

#41 Top Research University in the US #80 Best Graduate Program for Chemistry in the US

Areas of Concentration

	Graduate Pathway Program	Completion of Master's	Total time to graduate
Master of Science in Organic Chemistry	9 months / 3 terms	12-18 months / 4-6 terms	21-27 months / 7-9 terms
Master of Science in Materials Chemistry	9 months / 3 terms	12-18 months / 4-6 terms	21-27 months / 7-9 terms
Master of Science in Physical Chemistry	9 months / 3 terms	15-21 months / 5-7 terms	24-30 months / 8-10 terms

Master of Science in Organic Chemistry						
3-Term Pathway	Degree program components				Program information	
Fall: September 13, 2017		ur program urs apply from the Pathway urs remaining towards degree				
Entry Requirements	Term 1	Course title		Credit hours	Progression Requirements	
Andreis Provinces and	ALS 161	Academic Reading/Writing		3	And and Brands	
Academic Requirements Undergraduate degree in chemistry or closely related field	ALS 162	Academic Listening/Speaking		3	 Academic Requirements 3.0 GPA cumulative for the last 90 quarter 	
with 2.75 GPA overall and in final year of study	CH 630	Advanced Organic Chemistry*		3	credits (60 semester credits) and	
	CH 507	Chemical Safety Seminar		1	3.0 GPA cumulative in all Pathway courses (60)	
Language Requirements TOFFL IBT 70 or	CH 505	Reading and Conference		1	semester credits) and • C (or pass) or higher grades in all Pathway	
• IELTS 6.0 or	IEPA 005	GRE Preparation		0	courses	
Password overall level 7 or			Total	11		
Completion of Academic English Level 5 with C (or Pass) or bigher grades in all classes.	Term 2	Course title		Credit hours	Language Requirements - • B or higher in all English language courses or	
higher grades in all classes	WR 121	English Composition		3	TOEFL iBT 80 (18 subscores) or	
	ALS 181	English Composition Bridge		2	• IELTS 6.5	
	COMM 111	Public Speaking		3		
	CH 631	Advanced Organic Chemistry*		4	 Standardized Test Requirements GRE quantitative score of 152 or higher 	
			Total	12	- dive draumants score of 132 of Higher	
	Term 3	Course title		Credit hours	These courses are generally delivered through the	
	WR 327	Technical Writing		3	INTO OSU Center and are for Pathway students only.	
	CH 632	Advanced Organic Chemistry*		3	Courses listed are examples and are subject to change.	
	CH 501	Research		4	*For students who earn B or higher grades, these courses will	
	ALS 181	INTO OSU STEM Success		2	 apply to graduate degree requirements. Chemistry classes will change according to the area of concentration. 	
			Total	12		

3-Term Pathway	Degree pr	ogram components			Program information		
Fall: September 13, 2017	45 credit-hour program 11 credit hours apply from the Pathway 34 credit hours remaining towards degree						
Entry Requirements	Term 1	Course title		Credit hours	Progression Requirements		
Academic Decuirements	ALS 161	Academic Reading/Writing		3	Academic Dequirements		
Academic Requirements Undergraduate degree in chemistry or closely related field	ALS 162	Academic Listening/Speaking		3	Academic Requirements 3.0 GPA cumulative for the last 90 quarter		
with a 2.75 GPA overall and in final year of study	CH 511	Inorganic Chemistry*		4	credits (60 semester credits) and		
	CH 507	Chemical Safety Seminar		1	3.0 GPA cumulative in all Pathway courses (6)		
Language Requirements TOFFLIBT 70 or	CH 507	Seminar Attendance		1	semester credits) and • C (or pass) or higher grades in all Pathway		
• IELTS 6.0 or	CH 505	Reading and Conference		1	COURSES		
Password overall level 7 or	IEPA 005	GRE Preparation		0			
Completion of Academic English Level 5 with C (or Pass) or Higher and a line II places as			Total	13	Language Requirements		
higher grades in all classes	Term 2	Course title		Credit hours	 B or higher in all English language courses or TOEFL iBT 80 (18 subscores) or 		
	WR 121	English Composition		3	• IELTS 6.5		
	ALS 181	English Composition Bridge		2	Standard Tark Barrian		
	COMM 111	Public Speaking		3	Standardized Test Requirements GRE quantitative score of 152 or higher		
	CH 512	Inorganic Chemistry*		4	- are daminative score of 132 of higher		
			Total	12	These courses are generally delivered through the		
	Term 3	Course title		Credit hours	INTO OSU Center and are for Pathway students only		
	WR 327	Technical Writing		3	•		
	CH 513	Inorganic Chemistry*		3	Courses listed are examples and are subject to change.		
	CH 501	Research		4	*For students who earn B or higher grades, these courses		
	ALS 181	INTO OSU STEM Success		2	apply to graduate degree requirements. Chemistry classes we change according to the area of concentration.		
			Total	12	enange according to the area of concentration.		

Master of Science in Physical Chemistry

3-Term Pathway

Fall: September 13, 2017

Entry Requirements

Academic Requirements

• Undergraduate degree in chemistry or closely related field with a 2.75 GPA overall and in final year of study

Language Requirements

- TOEFL iBT 70 or
- IELTS 6.0 **or**
- Password overall level 7 or
- Completion of Academic English Level 5 with C (or Pass) or higher grades in all classes

Degree program components

45 credit-hour program 0 credit hours apply from the Pathway 45 credit hours remaining towards degree

Term 1	Course title		Credit hours
ALS 161	Academic Reading/Writing		3
ALS 162	Academic Listening/Speaking		3
CH 440	Physical Chemistry		3
CH 507	Chemical Safety Seminar		1
CH 507	Seminar Attendance		1
CH 505	Reading and Conference		1
IEPA 005	GRE Preparation		0
		Total	12

Term 3	Course title		Credit hours
		Total	13
CH 441	Physical Chemistry		3
ALS 116	Academic Success		2
COMM 111	Public Speaking		3
ALS 181	English Composition Bridge		2
WR 121	English Composition		3
Term 2	Course title		Credit hours
		Total	12
ICFA 003	unc Freparation		0

		iutai	13
Term 3	Course title		Credit hours
WR 327	Technical Writing		3
CH 442	Physical Chemistry		3
CH 501	Research		4
ALS 181	INTO OSU STEM Success		2
		Total	12

Program information

Progression Requirements

Academic Requirements

- 3.0 GPA cumulative for the last 90 quarter credits (60 semester credits) and
- 3.0 GPA cumulative in all Pathway courses (60 semester credits) and
- C (or pass) or higher grades in all Pathway

Language Requirements

- B or higher in all English language courses or
- TOEFL iBT 80 (18 subscores) or
- IELTS 6.5

Standardized Test Requirements

• GRE quantitative score of 152 or higher

These courses are generally delivered through the INTO OSU Center and are for Pathway students only.

Courses listed are examples and are subject to change.



