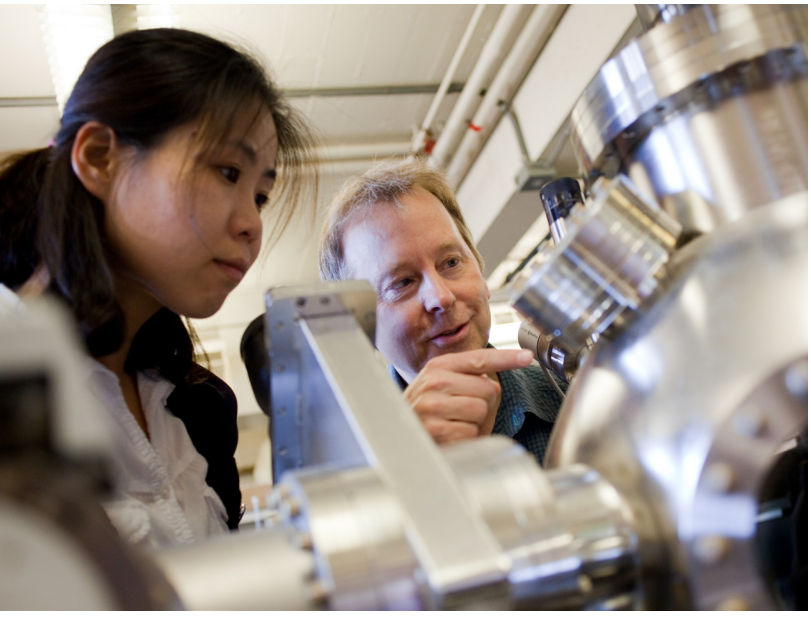
Oregon State University OSU



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 Resonace 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

INTO OREGON STATE UNIVERSITY

intostudy.com/osu

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 Standard Pathway

Fall: September 13, 2016

Entry Requirements

Academic Requirements
- Undergraduate degree in chemistry or closely related field with a 2.75 GPA overall and in final year

Language Requirements
- TOEFL iBT 70 **or**
- IELTS 6.0 **or**
- Password overall level 7 **or**
- Completion of Academic English Level 5 with no grades below C and a pass grade in all Pass/No Pass courses

Degree program components

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

Term 1	Course title	Credit hours
ALS 162	Academic Reading/Writing	3
ALS 161	Academic Listening/Speaking	3
CH 630	Advanced Organic Chemistry*	3
CH 507	Chemical Safety Seminar	1
CH 505	Reading and Conference	1
IEPA 005	GRE Preparation	0
	Total	11

Term 2	Course title	Credit hours
WR 121	English Composition	3
ALS 181	English Composition Bridge	2
COMM 111	Public Speaking	3
CH 631	Advanced Organic Chemistry*	4
	Total	12

Term 3	Course title	Credit hours
WR 327	Technical Writing	3
CH 632	Advanced Organic 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 in all Pathway courses **and**
- C (or pass) or higher grades in all Pathway courses

Language Requirements
- B or higher in all English language courses

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.

*For students who earn B or higher grades, these courses will apply to graduate degree requirements. Chemistry classes will change according to the area of concentration.

Master of Science in Materials Chemistry

3-Term Standard Pathway

Fall: September 13, 2016

Entry Requirements

Academic Requirements
- Undergraduate degree in chemistry or closely related field with a 2.75 GPA overall and in final year

Language Requirements
- TOEFL iBT 70 **or**
- IELTS 6.0 **or**
- Password overall level 7 **or**
- Completion of Academic English Level 5 with no grades below C and a pass grade in all Pass/No Pass courses

Degree program components

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

Term 1	Course title	Credit hours
ALS 162	Academic Reading/Writing	3
ALS 161	Academic Listening/Speaking	3
CH 511	Inorganic Chemistry*	4
CH 507	Chemical Safety Seminar	1
CH 507	Seminar Attendance	1
CH 505	Reading and Conference	1
IEPA 005	GRE Preparation	0
	Total	13

Term 2	Course title	Credit hours
WR 121	English Composition	3
ALS 181	English Composition Bridge	2
COMM 111	Public Speaking	3
CH 512	Inorganic Chemistry*	4
	Total	12

Term 3	Course title	Credit hours
WR 327	Technical Writing	3
CH 613	Inorganic 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 in all Pathway courses **and**
- C (or pass) or higher grades in all Pathway courses

Language Requirements
- B or higher in all English language courses

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.

*For students who earn B or higher grades, these courses will apply to graduate degree requirements. Chemistry classes will change according to the area of concentration.

Master of Science in Physical Chemistry

3-Term Standard Pathway

Fall: September 13, 2016

Degree program components

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

Program information

Entry Requirements

Academic Requirements

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

Language Requirements

- TOEFL iBT 70 **or**
- IELTS 6.0 **or**
- Password overall level 7 **or**
- Completion of Academic English Level 5 with no grades below C and a pass grade in all Pass/No Pass courses

Term 1	Course title	Credit hours
ALS 162	Academic Reading/Writing	3
ALS 161	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 2	Course title	Credit hours
WR 121	English Composition	3
ALS 181	English Composition Bridge	2
COMM 111	Public Speaking	3
ALS 116	Academic Success	2
CH 441	Physical Chemistry	3
	Total	**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**

Progression Requirements

Academic Requirements

- 3.0 GPA cumulative in all Pathway courses **and**
- C (or pass) or higher grades in all Pathway courses

Language Requirements

- B or higher in all English language courses

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.