

PROGRAM GRIDS 2020-2021



INTO OCOLORADO STATE UNIVERSITY

International Year One in Agricultural Sciences

Program Length

Accelerated - 1 Semester

17 August 2020 11 January 2021 10 May 2021

Entry Requirements

· High school diploma; 2.3 GPA.

Language Requirements • TOEFL 75 • IELTS 6.0

• PTEA 50

Password 7

 Completion of Academic English Level 3 with a minimum 80% in all

- graded classes • IELA 176
- or Duolingo 120.

Degree Program Components

120 credit hour program 14-17 credit hours apply from Pathway 103-106 credits remaining toward degree

Semester 1 **Course Title** EAP 151 English for International Students II* 3 AREC 202 Agriculture and Resource Economics 3 Agriculture Introduction Course 3-4 **KEY 192C** Seminar 3 AGRI 192 or Orientation to Agricultural Systems or 1 AGRI 292 Transfer Seminar (Agriculture) MATH Math Course 1-3 Total 14-17

Program Information

Credit Hours Progression Requirements • 2.5 CSU GPA Grade of C or better in all classes • No unresolved W or I or U grades. Notes AREC 202: Students must test into College Algebra I. MATH: Course depends on Math Placement (MPE) results and major requirement. AGRI 116: Courses will not be required over the summer semester, which will result in fewer than the stated number of credit hours that semester. KEY 192A: Courses will not be required over the summer semester, which will result in fewer than the stated number of credit hours that semester.

> * These courses are generally delivered through the INTO Centre and are for Pathway students only.

Program Length Standard - 2 Semesters 17 August 2020 11 January 2021 10 May 2021	Degree Progr 120 credit hour p 25-32 credit hour 88-95 credits ren		
Entry Requirements	Semester 1	Course Title	Credit Hours
High school diploma; 2.3 GPA.	EAP 150	English for International Students I*	6
Language Requirements	AREC 202	Agriculture and Resource Economics	3
• TOEFL 60 • IELTS 5.5	MATH	Math Course	1-3
PTEA 44		Agriculture Introduction Course	3-4
Password 6Completion of Academic English		Tota	13-16
Level 3 with a minimum 75% in all	Semester 2	Course Title	Credit Hours
graded classes • IELA 162	EAP 151	English for International Students II*	3
• or Duolingo 90.	AGRI 116	Plants and Civilization	3
	KEY 192A	Seminar	1
	MATH	Math Course	1-3
	LIFE 102 or BZ 120 or CHEM	Living Systems or Plant Biology or Chemistry Course	3-5
	AGRI 192 or AGRI 292	Orientation to Agricultural Systems or Transfer Seminar (Agriculture)	1

Total 12-16

International Year One in Business Administration/Economics

Program Length Accelerated - 1 Semester 17 August 2020 11 January 2021 10 May 2021

Degree Program Components

120 credit hour program 16 credit hours apply from Pathway 104 credits remaining toward degree

Entry Requirements
 High school diploma
• 2.3 GPA (no lower than C a

• 2.3 GPA (no lower than C average in all Math courses).

- Language Requirements
- TOEFL 79
- IELTS 6.5
- PTEA 53
- Password 7

 Completion of Academic English Level 3 with a minimum 80% in all graded classes

• IELA 176

• or Duolingo 120.

Course Title **Credit Hours** Semester 1 EAP 151 English for International Students II* 3 **MATH 141** 3 Calculus ECON 202 Principles of Microeconomics 3 **SPCM 100** Introduction to Popular Culture 3 **KEY 192C** Seminar 3 BUS 100 Introduction to Business 1

Total 16

Program Information

ours	Progression Requirements
	Business: 3.0 CSU GPA
	 Grade of C or better
	Grade of B- or better in MATH 141
	and ECON 202
	 No unresolved W or I or U

grades.

- Economics: 2.5 CSU GPA
- Grade of C or better
- No unresolved W or I or U grades.

Notes

MATH: Course depends on Math Placement (MPE) results. BUS 100: This course is typically taken by Business Majors only. General Education Course: Courses will not be required over the summer semester, which will result in fewer than the stated number of credit hours that semester. KEY 192A: Courses will not be required over the summer semester, which will result in fewer than the stated number of credit hours that semester. MATH 141: Students must test out of College Algebra II.

* These courses are generally delivered through the INTO Centre and are for Pathway students only.

Program Length Standard - 2 Semesters 17 August 2020 11 January 2021 10 May 2021	Degree Program Components 120 credit hour program 30-32 credit hours apply from Pathway 88-90 credits remaining toward degree			
Entry Requirements	Semester 1	Course Title	Credit Hours	
 High school diploma 2.3 GPA (no lower than C average 	EAP 150	English for International Students I*	6	
in all Math courses).	MATH	MATH 117, 118 or 141	1-3	
Language Requirements	SPCM 100	Introduction to Popular Culture	3	
• TOEFL 60 • IELTS 5.5	KEY 192C	Seminar	3	
• PTEA 44	BUS 100	Introduction to Business	1	
 Password 6 Completion of Academic English 		Tota	14-16	
Level 3 with a minimum 75% in all	Semester 2	Course Title	Credit Hours	
graded classes IELA 162 	EAP 151	English for International Students II*	3	
• or Duolingo 90.		General Education Course	3	
	KEY 192A	Seminar	1	
	ECON 202	Principles of Microeconomics	3	
	SPCM 200	Public Speaking	3	
	MATH 141	Calculus	3	
		Tota	16	

Program Length	Degree Prog	gram Components		Program Information
Accelerated - 1 Semester 17 August 2020 11 January 2021 10 May 2021	14 credit hours	r degree programs apply from Pathway naining toward degree		
Entry Requirements	Semester 1	Course Title	Credit Hours	Progression Requirements
High school diploma; 2.3 GPA (no ower than a C average in all Math	EAP 151	English for International Students II*	3	 2.5 CSU GPA Grade of C or better in all classes
courses).	MATH 160	Calculus for Physical Scientists I	4	No unresolved W or I or U grade
anguage Requirements	CS 163	Foundations in Programming with JAVA	4	Notes
IELTS 6.5 PTEA 53	SPCM 100	Introduction to Popular Culture	3	MATH: Course depends on Math Placement (MPE) results. SPCM
Password 7 Completion of Academic English Level 3 with a minimum 80% in all graded classes IELA 176 or Duolingo 120.		Tota		200: Courses will not be required over the summer semester, which will result in fewer than the stated number of credit hours that semester. MATH 160: Students must test out of all pre-calculus courses.
				* These courses are generally delivered through the INTO Centre and are for Pathway students only
Program Length Standard - 2 Semesters 17 August 2020 11 January 2021 10 May 2021	120 credit hour 27-31 credit ho	gram Components r degree programs burs apply from Pathway emaining toward degree		delivered through the INTO Centre
2 Semesters 17 August 2020 11 January 2021 10 May 2021	120 credit hour 27-31 credit ho	r degree programs burs apply from Pathway	Credit Hours	delivered through the INTO Centre
2 Semesters 17 August 2020 11 January 2021 10 May 2021 Entry Requirements High school diploma; 2.3 GPA (no	120 credit hour 27-31 credit ho 89-93 credits re	degree programs ours apply from Pathway emaining toward degree	Credit Hours 6	delivered through the INTO Centre
2 Semesters 17 August 2020 11 January 2021 10 May 2021 Entry Requirements High school diploma; 2.3 GPA (no ower than a C average in all Math	120 credit hour 27-31 credit ho 89-93 credits re Semester 1	degree programs urs apply from Pathway emaining toward degree Course Title		delivered through the INTO Centre
2 Semesters 17 August 2020 11 January 2021 10 May 2021 Entry Requirements High school diploma; 2.3 GPA (no ower than a C average in all Math courses).	120 credit hour 27-31 credit ho 89-93 credits re Semester 1 EAP 150	degree programs burs apply from Pathway emaining toward degree Course Title English for International Students I*	6	delivered through the INTO Centre
2 Semesters 17 August 2020 11 January 2021 10 May 2021 Entry Requirements High school diploma; 2.3 GPA (no ower than a C average in all Math courses). Language Requirements 1 OEFL 60	120 credit hour 27-31 credit hou 89-93 credits re Semester 1 EAP 150 SPCM 100	degree programs ours apply from Pathway emaining toward degree Course Title English for International Students I* Introduction to Popular Culture	6 3	delivered through the INTO Centre
2 Semesters 17 August 2020 11 January 2021 10 May 2021 Entry Requirements High school diploma; 2.3 GPA (no ower than a C average in all Math courses). anguage Requirements TOEFL 60 IELTS 5.5	120 credit hour 27-31 credit hou 89-93 credits re Semester 1 EAP 150 SPCM 100 MATH	degree programs purs apply from Pathway emaining toward degree Course Title English for International Students I* Introduction to Popular Culture Pre-Calculus or Calculus Introduction to Programming	6 3 1-5	delivered through the INTO Centre
2 Semesters 7 August 2020 1 January 2021 0 May 2021 Entry Requirements High school diploma; 2.3 GPA (no ower than a C average in all Math courses). anguage Requirements TOEFL 60 IELTS 5.5 PTEA 44 Password 6	120 credit hour 27-31 credit hou 89-93 credits re Semester 1 EAP 150 SPCM 100 MATH	degree programs purs apply from Pathway emaining toward degree Course Title English for International Students I* Introduction to Popular Culture Pre-Calculus or Calculus Introduction to Programming	6 3 1-5 3	delivered through the INTO Centre
2 Semesters 7 August 2020 1 January 2021 10 May 2021 2 Thry Requirements High school diploma; 2.3 GPA (no ower than a C average in all Math courses). anguage Requirements TOEFL 60 IELTS 5.5 PTEA 44 Password 6 Completion of Academic English	120 credit hour 27-31 credit hour 89-93 credits re Semester 1 EAP 150 SPCM 100 MATH CS 150	degree programs uurs apply from Pathway emaining toward degree Course Title English for International Students I* Introduction to Popular Culture Pre-Calculus or Calculus Introduction to Programming Tota	6 3 1-5 3 1 13-17	delivered through the INTO Centre
2 Semesters 17 August 2020 11 January 2021 10 May 2021 Entry Requirements High school diploma; 2.3 GPA (no ower than a C average in all Math courses). Language Requirements TOEFL 60 IELTS 5.5 PTEA 44 Password 6 Completion of Academic English Level 3 with a minimum 75% in all graded classes IELA 162	120 credit hour 27-31 credit hour 89-93 credits re Semester 1 EAP 150 SPCM 100 MATH CS 150 Semester 2	degree programs uurs apply from Pathway emaining toward degree Course Title English for International Students I* Introduction to Popular Culture Pre-Calculus or Calculus Introduction to Programming Tota Course Title	6 3 1-5 3 1 13-17 Credit Hours 3	delivered through the INTO Centre
2 Semesters 17 August 2020 11 January 2021 10 May 2021 Entry Requirements 9 High school diploma; 2.3 GPA (no ower than a C average in all Math	120 credit hour 27-31 credit hour 89-93 credits re EAP 150 SPCM 100 MATH CS 150 Semester 2 EAP 151	degree programs purs apply from Pathway emaining toward degree Course Title English for International Students I* Introduction to Popular Culture Pre-Calculus or Calculus Introduction to Programming Tota Course Title English for International Students II* Pre-Calculus or Calculus Introduction to Programming Tota Public Speaking or General Education	6 3 1-5 3 1 13-17 Credit Hours 3	delivered through the INTO Centre

International Year One in Dance

D 330

Semester 1

SPCM 100

D 220/221 A

320/321 B

D 220/221 B /D

EAP 150

Program Length Degree Program Components Program Information Accelerated - 1 Semester 120 credit hour degree programs 17 August 2020 15-17 credit hours apply from Pathway 11 January 2021 103-105 credits remaining toward degree Course Title Credit Hours Progression Requirements **Entry Requirements** Semester 1 • 2.5 CSU GPA · High school diploma; 2.3 GPA EAP 151 English for International Students II* 3 · Audition required. Grade of C or better in all classes **SPCM 100** 3 Introduction to Popular Culture • No unresolved W or I or U grades. Language Requirements D 220 A 2 Dance Techniques III: Modern • TOEFL 79 Notes • IELTS 6.5 D 220/320 B Dance Techniques: Ballet 3-5 • PTEA 53 D 126 **Dance Improvisation** 2 Password 7

Ballet Repertory Ensemble

 Completion of Academic English Level 3 with a minimum 80% in all graded classes IELA 176

• or Duolingo 120.

Total 15-17

2

Credit Hours

6

3

2

3-5

Students who do not meet audition requirements may switch to the General Pathway and audition again their second semester. This will extend the time required to earn their degree. Auditions can be done via video, for more information visit: https://intostudy.com/engb/universities/colorado-stateuniversity/programs/internationalyear-one-in-dance

* These courses are generally delivered through the INTO Centre and are for Pathway students only.

Spring start dates are available. Courses may vary based on start date. Please see the website for more details.

Program Length Standard -2 Semesters

17 August 2020

11 January 2021

Degree Program Components

120 credit hour degree programs 30-34 credit hours apply from Pathway 86-90 credits remaining toward degree

Course Title

Entry Requirements	
High school diploma; 2.3 GPA	
 Audition required. 	

- Language Requirements
- TOEFL 60
- IELTS 5.5
- PTEA 44
- Password 6

· Completion of Academic English Level 3 with a minimum 75% in all

graded classes • IELA 162

• or Duolingo 90.

D 330/340	Ballet Repertory Ensemble or Contemporary Repertory Ensemble	2
	Tota	16-18
Semester 2	Course Title	Credit Hours
EAP 151	English for International Students II*	3
MATH 101	Math in the Social Sciences	3
D 286	Practicum: Production Running Crew	1
D 220/221 A	Dance Techniques: Modern	2
D 220/221 B /D 320/321 B	Dance Techniques: Ballet	3-5
D 330/340	Ballet Repertory Ensemble or Contemporary Repertory Ensemble	2

English for International Students I*

Introduction to Popular Culture

Dance Techniques: Modern

Dance Techniques: Ballet

Total 14-16

INTO COLORADO STATE UNIVERSITY

International Year One in Engineering

MATH 160

 Completion of Academic English Level 3 with a minimum 80% in all

graded classes

• or Duolingo 120.

• IELA 176

Program Length Degree Program Components Program Information Accelerated - 1 Semester 125-159 credit hour degree programs 17 August 2020 12 credit hours apply from Pathway 11 January 2021 113-147 credits remaining toward degree 10 May 2021 **Entry Requirements** Course Title Credit Hours Progression Requirements Semester 1 2.75 CSU GPA with 3.0 CSU GPA · High school diploma EAP 151 English for International Students II* 3 • 2.3 GPA (no lower than C average for Mechanical Engineering CHEM PREP 0 in all Math courses). **Chemistry Preparation Tutorial** Grade of C or better in all classes Grade of B or better in MATH 160 CHEM 111/112 General Chemistry I/General 5 Language Requirements or 161, PH 141, and /or CHEM 111 or PH 141 Chemistry Laboratory I or Physics for • TOEFL 79 • No unresolved W or I or U grades. Scientists and Engineers • IELTS 6.5 • PTEA 53 Notes **ENGR 102** Engineering Problem Solving 3 Password 7

Calculus for Physical Scientists I

4

Total 15

Total credits remaining toward degree depend on specific engineering program of study. MATH 160: Students must test out of all pre-calculus courses. MATH: Course depends on Math Placement (MPE) results. General Education Course: Courses will not be required over the summer semester, which will result in fewer than the stated number of credit hours that semester. CHEM 112 OR PH 141 Prerequisites: CHEM 111 or concurrent registration OR MATH 160 or concurrent registration

* These courses are generally delivered through the INTO Centre and are for Pathway students only.

Program Length Standard - 2 Semesters 17 August 2020 11 January 2021 10 May 2021	Degree Program Components 125-159 credit hour degree programs 18-22 credit hours apply from Pathway 103-141 credits remaining toward degree			
Entry Requirements	Semester 1	Course Title	Credit Hours	
 High school diploma 2.3 GPA (no lower than C average 	EAP 150	English for International Students I*	6	
in all Math courses).	CHEM PREP	Chemistry Preparation Tutorial	0	
Language Requirements	SPCM 100	Introduction to Popular Culture	3	
• TOEFL 60 • IELTS 5.5	MATH	Pre-Calculus or Calculus	1-5	
• PTEA 44		General Education Course	3	
 Password 6 Completion of Academic English 		Tota	13-17	
Level 3 with a minimum 75% in all	Semester 2	Course Title	Credit Hours	
graded classes • IELA 162	EAP 151	English for International Students II*	3	
• or Duolingo 90.	ENGR 102	Engineering Problem Solving	3	
	MATH	Calculus	4	
	CHEM 111/112 or PH 141	General Chemistry I/General Chemistry Laboratory I or Physics for Scientists and Engineers	5	
		Tota	15	

Program Length Accelerated - 1 Semester 17 August 2020 11 January 2021 10 May 2021	Degree Program Components 120 credit hour program 8-17 credit hours apply from Pathway 103-112 credits remaining toward degree			Program Information
Entry Requirements	Semester 1	Course Title	Credit Hours	Progression Requirements
High school diploma; 2.3 GPA.	EAP 151	English for International Students II*	3	 2.5 CSU GPA Grade of C or better in all classes
Language Requirements	MATH	Math Course	1-5	• No unresolved W or I or U grades.
• TOEFL 75 • IELTS 6.0		General Education Course	3	Notes
• PTEA 50	Key 192A	Seminar	1	MATH: Courses depend upon the
 Password 7 Completion of Academic English Level 3 with a minimum 80% in all 		General Education Course or Major Course TBD	4-5	requirements of the student's intended major. General Education

Level 3 with a minimum 80% in all graded classes

• IELA 176

• or Duolingo 120.

Total 12-17

MATH: Courses depend upon the requirements of the student's intended major. General Education Course: Courses will not be required over the summer semester, which will result in fewer than the stated number of credit hours that semester. KEY 192A: Courses will not be required over the summer semester, which will result in fewer than the stated number of credit hours that semester. General Education Course or Major Course TBD: Courses depend upon the requirements of the student's intended major.

* These courses are generally delivered through the INTO Centre and are for Pathway students only.

Program Length Standard - 2 Semesters 17 August 2020 11 January 2021 10 May 2021	Degree Progr 120 credit hour p 29-35 credit hou 85-91 credits rer		
Entry Requirements	Semester 1	Course Title	Credit Hours
High school diploma; 2.3 GPA.	EAP 150	English for International Students I*	6
Language Requirements	SPCM 100	Introduction to Popular Culture	3
TOEFL 60 IELTS 5.5	KEY 192C	Seminar	3
PTEA 44	MATH	Math Course	1-5
Password 6Completion of Academic English		Tota	13-17
Level 3 with a minimum 75% in all	Semester 2	Course Title	Credit Hours
graded classes • IELA 162	EAP 151	English for International Students II*	3
 or Duolingo 90. 		General Education Course	3
	KEY 192A	Seminar	1
	SPCM 200	Public Speaking	3
	SPCM 200	Public Speaking General Education Course or Major Course TBD	3 3
	SPCM 200	General Education Course or Major	-

INTO COLORADO STATE UNIVERSITY

International Year One in Languages, Literatures and Cultures -French, German or Spanish

Program Length Accelerated - 1 Semester 17 August 2020 11 January 2021 10 May 2021	Degree Program 120 credit hour prog 12-14 credit hours a 106-108 credits rem	ram		Program Information
Entry RequirementsHigh school diploma; 2.3 GPA.		ourse Title	Credit Hours	 Progression Requirements 2.5 CSU GPA
c		inglish for International Students II*	3	Grade of C or better in all classes
Language Requirements • TOEFL 75	HIST 1XX A	pproved History Course	3	No unresolved W or I or U grades.
• IELTS 6.0	C	one of five options	6-8	Notes
 PTEA 50 Password 7 Completion of Academic English Level 3 with a minimum 80% in all graded classes IELA 176 or Duolingo 120. 		Total	12-14	One of five options - Course depends on language placement results and must be in a language other than the native language: LSPA/LFRE/LGER 105/107/200/201/300/3xx (Course depends on language placement results and must be in a language other than the native language) AND General Education Course (6-8 credits). General Education: Courses will not be required in summer semester, resulting in fewe credit hours that semester. LSPA/ LFRE/LGER 105/107/200/201/300/3xx: Course depends on language placement and must be in non-native language One of three options -Course depends on language placement and must be in non-native language LSPA/LFRE/LGER 107/200 & General: First Year Language AND General Education Course (6-8 credits) LSPA/LFRE/LGER 201 & General: Second Year Language II AND General Education Course (6 credits) LSPA/LFRE/LGER 300/3xx (Courses will not be required in summer semester, resulting in fewe credit hours that semester): Reading
Program Length Standard -	Degree Program	Components		and Writing for Communication ANE Upper Division Course (6 credits)
2 Semesters 17 August 2020 11 January 2021 10 May 2021	120 credit hour prog 24-28 credit hours a 92-96 credits remair	pply from Pathway		* These courses are generally delivered through the INTO Centre and are for Pathway students only.
Entry Requirements High school diploma; 2.3 GPA. 	Semester 1	Course Title	Credit Hours	1
Language Requirements • TOEFL 60	EAP 150	English for International Students I*	6	
• IELTS 5.5	MATH	Math Course	3	
 PTEA 44 Password 6 Completion of Academic English Level 3 with a minimum 75% in all graded classes 	LSPA/LFRE/LGER 105/107/200/201/30	First Year Language or Second 0/3xx Year Language or Reading and Writing for Communication or Upper Division Course		
IELA 162 or Duolingo 90.		Tot	al 12-14	
- or Duoiniyo 30.	Semester 2	Course Title	Credit Hours	
	EAP 151	English for International Students II*	3	
			•	

Approved History Course

One of three options

3

6-8 Total 12-14

HIST 1XX

International Year One in Mathematics

Program Length

Accelerated - 1 Semester

17 August 2020 11 January 2021 10 May 2021

Entry Requirements

· High school diploma • 2.3 GPA (no lower than C averag in all Math courses).

Language Requirements • TOEFL 79

• IELTS 6.5

- PTEA 53
- Password 7

Completion of Academic English

Program Length Standard -

Level 3 with a minimum 80% in all graded classes

• IELA 176

• or Duolingo 120.

	Degree Progra	am Components	Program Information	
		egree programs s apply from Pathway emaining toward degree		
	Semester 1	Course Title	Credit Hours	Progression Requirements
ge	EAP 151	English for International Students II*	3	 2.5 CSU GPA Grade of C or better in all classes
gc	MATH 160 Calculus for Physical Scientists I		4	• No unresolved W or I or U grades.
	MATH 192	First-year Seminar in Mathematical Sciences	1	Notes
	KEY 192C	Seminar	3	MATH 160: Students must test out of all pre-calculus courses. MATH
	SPCM 100	Introduction to Popular Culture	3	192: Not offered in the Spring.
ו ו		Total	14	General Education Course: Courses will not be required over

he Spring. Course: ourses will not be required over the summer semester, which will result in fewer than the stated number of credit hours that semester.

* These courses are generally delivered through the INTO Centre and are for Pathway students only.

2 Semesters 17 August 2020 11 January 2021 10 May 2021	27-33 credit ho	degree programs urs apply from Pathway emaining toward degree	
Entry Requirements	Semester 1	Course Title	Credit Hours
High school diploma2.3 GPA (no lower than C average	EAP 150	English for International Students I*	6
in all Math courses).	MATH 160	Calculus for Physical Scientists I	1-5
Language Requirements • TOEFL 60	MATH 192	First-year Seminar in Mathematical Sciences	1
• IELTS 5.5	KEY 192C	Seminar	3
PTEA 44 Password 6	SPCM 100	Introduction to Popular Culture	3
Completion of Academic English Level 3 with a minimum 75% in all		Tota	al 14-18
graded classes	Semester 2	Course Title	Credit Hours
IELA 162 or Duolingo 90.	EAP 151	English for International Students II*	3
	MATH 161	Calculus for Physical Scientists II	4
		General Education Course	3
		Major Course Determined by	3-5

Concentration

Total 13-15

Degree Program Components

International Year One in Sciences

Program Length Degree Program Components Program Information Accelerated - 1 Semester 120 credit hour degree programs 17 August 2020 14-15 credit hours apply from Pathway 11 January 2021 10 May 2021 105-106 credits remaining toward degree **Entry Requirements** Course Title Credit Hours Progression Requirements Semester 1 • 2.5 CSU GPA High school diploma; 2.3 GPA (no EAP 151 English for International Students II* 3 lower than a C average in all Math Grade of C or better in all classes CHEM PREP 0 courses). **Chemistry Preparation Tutorial** • No unresolved W or I or U grades. 3 **SPCM 100** Introduction to Popular Culture Language Requirements Notes • TOEFL 79 4 MATH Calculus • IELTS 6.5 SCIENCE Biology, Physics OR Chemistry Course 4-5 • PTEA 53 CHEM 111; MATH: Course · Password 7 Total 14-15 Completion of Academic English

Level 3 with a minimum 80% in all graded classes

• IELA 176

• or Duolingo 120.

• No unresolved w or nor or grades. Notes
CHEM PREP: For majors requiring CHEM 111; MATH: Course depends on Math Placement (MPE) results. General Education Course: Courses will not be required over the summer semester, which will result in fewer than the stated number of credit hours that semester. KEY 192A and SPCM 200: Courses will not be required over the summer semester, which will result in fewer than the stated number of credit hours that semester. SCIENCE: Course depends on Math Placement (MPE) results and requirements for major.

* These courses are generally delivered through the INTO Centre and are for Pathway students only.

Program Length Standard - 2 Semesters 17 August 2020 11 January 2021 10 May 2021	Degree Progr 120 credit hour d 28-35 credit hour 85-92 credits ren		
Entry Requirements	Semester 1	Course Title	Credit Hours
• High school diploma; 2.3 GPA (no lower than a C average in all Math courses).	EAP 150	English for International Students I*	6
	CHEM PREP	Chemistry Preparation Tutorial	0
Language Requirements • TOEFL 60	SPCM 100	Introduction to Popular Culture	3
	KEY 192C	Seminar	3
• IELTS 5.5 • PTEA 44	MATH	Pre-Calculus or Calculus	1-5
 Password 6 Completion of Academic English 		Total	13-17
Level 3 with a minimum 75% in all	Semester 2	Course Title	Credit Hours
graded classes IELA 162 	EAP 151	English for International Students II*	3
• or Duolingo 90.		General Education Course AND	3
	KEY 192A OR SPCM 200	Seminar OR Public Speaking	1-3
	SCIENCE	Biology, Physics OR Chemistry Course	4-5
	MATH	Calculus	4
		Total	15-18

Undergraduate Transfer Program

Program Length Standard -	Degree Pro	gram Components		Program Information
2 Semesters 17 August 2020 11 January 2021	120-159 credit 28-32 credit ho		applied	•
Entry Requirements Minimum of 1 college/university	Semester 1	Course Title	Credit Hours	 Progression Requirements 2.5 CSU GPA; Engineering
credits Minimum college/university	EAP 150	English for International Students I*	6	students require a GPA of 2.75
GPA of 2.3 (Engineering students require a GPA of 2.5)	MATH	Math Course	1-5	including transfer creditsGrade of C or better in all classes
Engineering majors will be considered on a case by case basis		General Education Course or Major Course TBD	3	No unresolved W or I or U grades.
and advised of progression required at time of application.		General Education Course or Major Course TBD	3	Notes
Language Requirements		Tot	al 13-17	Engineering, Math, Science and Computer Science: Evidence of
• TOEFL 60	Semester 2	Course Title	Credit Hours	successful academic performance in
• IELTS 5.5 • PTEA 44	EAP 151	English for International Students II*	3	 technical courses (Students without this may be admitted as undeclared
Password 6 Completion of Academic English Lougl 2 with a minimum 75% in all		General Education Course or Major Course TBD	3	majors) MATH: Courses depend upon the requirements of the
Level 3 with a minimum 75% in all graded classes • IELA 162		General Education Course or Major Course TBD	3	student's intended major. General Education Course or Major Course TBD: Courses depend upon the
• or Duolingo 90.		General Education Course or Major Course TBD	3	requirements of the student's intended major.
		General Education Course or Major Course TBD	3	* These courses are generally delivered through the INTO Centre
		Tota	al 15	and are for Pathway students only.
Program Length Accelerated - 1 Semester 17 August 2020 11 January 2021	120-159 credit 13-17 credit ho	gram Components hour degree programs ours apply from Pathway ing to degree depend on transfer credits a	applied	-
			••	
Entry Requirements	Semester 1	Course Title	Credit Hours	
Minimum of 1 college/university credits Minimum college/university	EAP 151	English for International Students II*	3	
GPA of 2.3 (Engineering students	MATH	Math Course	1-5	
require a GPA of 2.5) • Engineering majors will be considered on a case by case basis		General Education Course or Major Course TBD	3	
and advised of progression required at time of application.		General Education Course or Major Course TBD	3	
Language Requirements • TOEFL 75-79		General Education Course or Major Course TBD	3	
 IELTS 6.0-6.5 Password 7 PTEA 50-53 Completion of Academic English Level 3 with minimum of 80% in all classes IELA 176 		Tot	al 13-17	

IELA 176or Duolingo 120.

Program Length Accelerated - 1 Semester 11 January 2021	31 credit hour de 2 credit hours ap	am Components gree program ply from Pathway emaining toward degree		Program Information	
Entry Requirements	Semester 1	Course Title	Credit Hours	Progression Requirements	
 Undergraduate degree Linear Algebra OR Calculus III or equivalent 	EAP 153	Writing for International Graduate Students*	3	 3.0 CSU GPA [3.25 GPA for all MATH, STAT, and STAA Courses] Grade B or better in all classes 	
Upper-level statistics course 2.75 GPA in math and technical	STAT 512	Design and Data Analysis for Researchers II	4	 No unresolved W or I or U grad Resume, Statement of purpose 	
courses.	STAA 565	Quantitative Reasoning	1	and 3 Recommendation letters required for grad file.	
Language Requirements • TOEFL 86	STAA 566	Data Visualization Methods	1		
• IELTS 6.5 • PTEA 58	MATH 261/369	Linear Algebra I OR Calculus for Physical Scientists III	3-4	Notes	
 Password 7 Completion of Academic English Level 3 with a minimum of 85% in all graded courses IELA 176 or Duolingo 120. 		Tota	12-13	500-600 level STAA graduate credits will apply toward the degree STAT and undergraduate credits of not count toward the degree; they serve as pre-degree foundation requirements. * These courses are generally delivered through the INTO Centre and are for Pathway students only	
Program Length Standard -	Degree Progr	am Components			

2 Semesters 17 August 2020	31 credit hour degree program 2 credit hours apply from Pathway 29 credit hours remaining toward degree		
Entry Requirements	Semester 1	Course Title	Credit Hours
 Undergraduate degree Calculus II or equivalent 	EAP 150	English for International Students I*	6
Calculus II or equivalent 2.75 GPA in math and technical courses.	STAT 511	Design and Data Analysis for Researchers I	4
Language Requirements	MATH 261	Calculus for Physical Scientists III	4
• TOEFL 76 • IELTS 6.0		Tota	al 14
• PTEA 51	Semester 2	Course Title	Credit Hours
Password 6.5 Completion of Academic English	EAP 152	English for International Graduate Students*	6
Level 3 with a minimum of 75% in all graded courses • IELA 169	STAT 512	Design and Data Analysis for Researchers II	4
• or Duolingo 95.	STAA 565	Quantitative Reasoning	1
	STAA 566	Data Visualization Methods	1
	MATH 369	Linear Algebra I	3
		Tot	al 15

Program Length	Degree Prog	gram Components		Program Information
Accelerated - 1 Semester 17 August 2020	9 credit hours	our degree program may apply from Pathway ours remaining toward degree		
Entry Requirements	Semester 1	Course Title	Credit Hours	Progression Requirements
Undergraduate degree in Chemical Engineering or closely related engineering discipline	EAP 153	Writing for International Graduate Students*	3	 3.0 CSU GPA Grade of B or better in all class No unresolved W or I or U grad
• 2.75 GPA in math, sciences and technical courses.	CBE 521	Mathematical Modeling for Chemical Engineers	3	• Resume, Statement of purpose and 3 Recommendation letters
Language Requirements • TOEFL 79	CBE 501	Chemical Engineering Thermodynamics	3	required for grad file • [M.S. Program requires a statement of research interests and
• IELTS 6.5 • PTEA 52	CBE 502	Advanced Reactor Design	3	relevant experience].
Prex 32 Password 7 Completion of Academic English Level 3 with a minimum of 85% in		Tota	al 12	Notes
all graded courses • IELA 176 • or Duolingo 120.				Based on academic background, students in the 2-Semester Pathway may be required to take undergraduate-level coursework that does not satisfy ME or MS degree requirements. 500-600 leve graduate credits will apply toward the degree.
				* These courses are generally delivered through the INTO Centre and are for Pathway students only

Program Length Standard - 2 Semesters 17 August 2020	Degree Program Components 30-32 credit hour degree program 12 credit hours may apply from Pathway 18-20 credit hours remaining toward degree			
Entry Requirements	Semester 1	Course Title	Credit Hours	
Undergraduate degree in Chemical Engineering or closely	EAP 150	English for International Students I*	6	
 Infinite Engineering discipline Minimum 2.75 cumulative undergraduate GPA in math, sciences and technical courses. 	CBE 521	Mathematical Modeling for Chemical Engineers	3	
	CBE 501	Chemical Engineering Thermodynamics	3	
Language Requirements TOFFL 70		Tota	12	
• IELTS 6.0	Semester 2	Course Title	Credit Hours	
PTEA 48 Password 6.5 Consulation of Academic English	EAP 152	English for International Graduate Students*	6	
• Completion of Academic English Level 3 with a minimum of 75% in	CBE 503	Transport Phenomena Fundamentals	3	
all graded courses IFLA 169	CBE 5xx	Graduate-level Elective	3	
• IELA 169 • or Duolingo 95.		Tota	I 12	

Graduate Pathway in Civil Engineering - Structural Engineering

Degree Program Components Program Information Program Length Standard -2 Semesters 30 credit hour degree program 17 August 2020 12 credit hours apply from Pathway 11 January 2021 18 credit hours remaining toward degree **Entry Requirements** Course Title Credit Hours Progression Requirements Semester 1 Undergraduate degree in Civil • 3.0 CSU GPA EAP 150 English for International Students I* 6 Engineering orclosely related 3.0 CIVE GPA **CIVE 560** 3 engineering discipline Advanced Mechanics of Materials Grade of B or better in all classes • 2.75 GPA in math, sciences and Grade of B or better in all CIVE CIVE 566 3 Intermediate Structural Analysis classes technical courses. • No unresolved W or I or U grades Total 12 Language Requirements • TOEFL 70 · Resume, Statement of Purpose Semester 2 Course Title Credit Hours and 3 Recommendation letters • IELTS 6.0 EAP 152 English for International Graduate 6 required. • PTEA 48 Students* Password 6.5 Notes CIVE 565 Finite Element Method 3 Completion of Academic English Spring 2-Semester Pathway Level 3 with a minimum of 75% in **CIVE 562** Fundamentals of Vibrations 3 students will complete their all graded courses • IELA 169 Total 12 Pathway in the Fall. 500-600 level graduate credits will apply toward • or Duolingo 95. the degree. * These courses are generally

delivered through the INTO Centre and are for Pathway students only.

Graduate Pathwa	ay in Civi	il Engineering - Wate	r Resour	ces
Program Length Standard - 2 Semesters 17 August 2020 11 January 2021	30 credit hour 12 credit hours	gram Components degree program apply from Pathway remaining toward degree		Program Information
Entry Requirements	Semester 1	Course Title	Credit Hours	Progression Requirements
Undergraduate degree in Civil Engineering orclosely related	EAP 150	English for International Students I*	6	• 3.0 CSU GPA • 3.0 CIVE GPA
engineering discipline • 2.75 GPA in math, sciences and	CIVE 544	Water Resources Planning and Management	3	Grade of B or better in all classes Grade of B or better in all CIVE classes No unresolved W or I or U grade
technical courses.	CIVE 520	Physical Hydrology	3	
anguage Requirements		Tot	Resume, Statement of Purpose	
• TOEFL 70 • IELTS 6.0	Semester 2	Course Title	Credit Hours	and 3 Recommendation letters required.
PTEA 48 Password 6.5 Completion of Academic English Level 3 with a minimum of 75% in all graded courses IELA 169 or Duolingo 95.	EAP 152	English for International Graduate Students*	6	Notes Spring 2-Semester Pathway students will complete their Pathway in the Fall. 500-600 level graduate credits will apply toward the degree.
	CIVE 577	GIS in Civil and Environmental Engineering	3	
	CIVE 571	Pipe Systems Engineering and Hydraulics	3	
		Tota	al 12	* These courses are generally

delivered through the INTO Centre and are for Pathway students only.

Graduate Pathway in Computer Engineering - Computer Architecture/Embedded System

Program Length Accelerated - 1 Semester 17 August 2020 11 January 2021	30 credit hour o 7 credit hours r	ram Components legree program nay apply from Pathway remaining toward degree		Program Information
Entry Requirements	Semester 1	Course Title	Credit Hours	Progression Requirements
Undergraduate degree in Electrical Engineering, Computer Engineering, Computer Science or closely related engineering discipline • 2.5 GPA in math, sciences and technical courses.	EAP 153	Writing for International Graduate Students*	3	• 3.0 CSU GPA for ME; 3.2 CSU GPA for MS • Grad of B or better in all classes • No unresolved W or I or U grades
	ECE/CS 561	Hardware/Software Design of Embedded Systems	4	Resume, Statement of Purpose and 3 Recommendation letters required.
Language Requirements • TOEFL 79	ECE 455	Introduction to Robot Programming/Simulation	3	Notes
• IELTS 6.5				Spring 2-Semester Pathway
 PTEA 52 Password 7 Completion of Academic English Level 3 with a minimum of 85% in all graded courses IELA 176 or Duolingo 120. 		Tota	al 10	students will complete their Pathway in the Fall. 500-600 level graduate credits and up to six credits of the ECE 400 level will apply toward the degree. Spring start dates are available. Course may vary based on start
Program Length Standard - 2 Semesters 17 August 2020 11 January 2021	30 credit hour of 14 credit hours	may apply from Pathway		* These courses are generally delivered through the INTO Centre and are for Pathway students only
	16 credit hours	remaining toward degree		
Entry Requirements	Semester 1	Course Title	Credit Hours	
Undergraduate degree in Electrical Engineering, Computer	EAP 150	English for International Students I*	6	
Engineering, Computer Science or closely related engineering	ECE/CS 561	Hardware/Software Design of Embedded Systems	4	
discipline • 2.5 GPA in math, sciences and technical courses.	ECE 455	Introduction to Robot Programming/Simulation	3	
Language Requirements		Tota	al 13	
• TOEFL 70	Semester 2	Course Title	Credit Hours	
• IELTS 6.0 • PTEA 48	EAP 152	English for International Graduate Students*	6	
 Password 6.5 Completion of Academic English Level 3 with a minimum of 75% in 	ECE 452	Computer Organization and Architecture	3	
all graded courses IELA 169 	ECE 571/575	VLSI System Design I with Lab	4	
• or Duolingo 95.		Tota	al 13	

Graduate Pathway in Computer Engineering - Computer Engineering

Engineering				
Program Length Accelerated - 1 Semester 17 August 2020 11 January 2021	30 credit hour c 7 credit hours n	ram Components legree program nay apply from Pathway remaining toward degree		Program Information
Entry Requirements	Semester 1	Course Title	Credit Hours	Progression Requirements
Undergraduate degree in Electrical Engineering, Computer Engineering, Computer Science or closely related engineering	EAP 153	Writing for International Graduate Students*	3	 3.0 CSU GPA for ME; 3.2 CSU GPA for MS Grad of B or better in all classes No unresolved W or I or U grades
closely related engineering discipline • 2.5 GPA in math, sciences and technical courses.	ECE/CS 561	Hardware/Software Design of Embedded Systems	4	Resume, Statement of Purpose and 3 Recommendation letters required.
Language Requirements • TOEFL 79	ECE 455	Introduction to Robot Programming/Simulation	3	Notes
• IELTS 6.5				Spring 2-Semester Pathway
 PTEA 52 Password 7 Completion of Academic English Level 3 with a minimum of 85% in all graded courses IELA 176 or Duolingo 120. 		Tota	il 10	students will complete their Pathway in the Fall. 500-600 level graduate credits and up to six credits of the ECE 400 level will apply toward the degree. Spring start dates are available. Course may vary based on start date. Please see the website for more details.
Program Length Standard -	Degree Prog	ram Components		* These courses are generally delivered through the INTO Centre and are for Pathway students only.
2 Semesters 17 August 2020 11 January 2021	30 credit hour c 14 credit hours	•		
Entry Requirements	Semester 1	Course Title	Credit Hours	
Undergraduate degree in Electrical Engineering, Computer	EAP 150	English for International Students I*	6	
Engineering, Computer Science or closely related engineering	ECE/CS 561	Hardware/Software Design of Embedded Systems	4	
discipline • 2.5 GPA in math, sciences and technical courses.	ECE 455	Introduction to Robot Programming/Simulation	3	
Language Requirements		Tota	al 13	
• TOEFL 70	Semester 2	Course Title	Credit Hours	
• IELTS 6.0 • PTEA 48 • Password 6.5	EAP 152	English for International Graduate Students*	6	
Completion of Academic English Level 3 with a minimum of 75% in	ECE 452	Computer Organization and Architecture	3	
all graded courses IELA 169 	ECE 571/575	VLSI System Design I with Lab	4	
• or Duolingo 95.		Tota	1 3	

Graduate Pathway in Computer Engineering - High Performance Computing

Program Length Accelerated - 1 Semester 17 August 2020 11 January 2021	30 credit hour d 6-7 credit hours	ram Components legree program may apply from Pathway urs remaining toward degree		Program Information
Entry Requirements	Semester 1	Course Title	Credit Hours	Progression Requirements
Undergraduate degree in Electrical Engineering, Computer Engineering, Computer Science or	EAP 153	Writing for International Graduate Students*	3	 3.0 CSU GPA for ME; 3.2 CSU GPA for MS Grad of B or better in all classes No unresolved W or I or U grades
closely related engineering discipline • 2.5 GPA in math, sciences and technical courses.	ECE/CS 561	Hardware/Software Design of Embedded Systems	4	Resume, Statement of Purpose and 3 Recommendation letters required.
Language Requirements • TOEFL 79	ECE 455	Introduction to Robot Programming/Simulation	3	Notes
• IELTS 6.5				Spring 2-Semester Pathway
 PTEA 52 Password 7 Completion of Academic English Level 3 with a minimum of 85% in all graded courses IELA 176 or Duolingo 120. 		Tota	ai 10	students will complete their Pathway in the Fall. 500-600 level graduate credits and up to six credits of the ECE 400 level will apply toward the degree. Spring start dates are available. Course may vary based on start date. Please see the website for
D		•		more details. * These courses are generally delivered through the INTO Centre and are for Pathway students only.
Program Length Standard - 2 Semesters 17 August 2020 11 January 2021	30 credit hour d 13-14 credit hou	Iram Components legree program urs may apply from Pathway urs remaining toward degree		
Entry Requirements	Semester 1	Course Title	Credit Hours	1
 Undergraduate degree in Electrical Engineering, Computer 	EAP 150	English for International Students I*	6	
Engineering, Computer Science or closely related engineering	ECE/CS 561	Hardware/Software Design of Embedded Systems	4	
discipline • 2.5 GPA in math, sciences and technical courses.	ECE 455	Introduction to Robot Programming/Simulation	3	
Language Requirements		Tota	al 13	
• TOEFL 70	Semester 2	Course Title	Credit Hours	
IELTS 6.0 PTEA 48 Password 6.5	EAP 152	English for International Graduate Students*	6	
 Completion of Academic English Level 3 with a minimum of 75% in 	ECE 452	Computer Organization and Architecture	3	
all graded courses • IELA 169	ECE 555	Advanced Robotics	3	
• or Duolingo 95.		Tota	al 12	

Graduate Pathway in Computer Engineering or Electrical Engineering - Robotics: Vision

Program Length Accelerated - 1 Semester 17 August 2020 11 January 2021	30 credit hour 6-7 credit hour	gram Components degree program s may apply from Pathway burs remaining toward degree		Program Information
Entry Requirements	Semester 1	Course Title	Credit Hours	Progression Requirements
Undergraduate degree in Electrical Engineering, Computer Engineering, Computer Science or closely related engineering	EAP 153	Writing for International Graduate Students*	3	• 3.0 CSU GPA for ME; 3.2 CSU GPA for MS • Grad of B or better in all classes • No unresolved W or I or U grades
discipline • 2.5 GPA in math, sciences and technical courses.	ECE 455	Introduction to Robot Programming/Simulation	3	 Resume, Statement of Purpose and 3 Recommendation letters required.
Language Requirements • TOEFL 79		One of the following CS or ECE courses (B)	3	Notes
 IELTS 6.5 PTEA 52 Password 7 Completion of Academic English Level 3 with a minimum of 85% in all graded courses IELA 176 or Duolingo 120. 		Tota	9	Spring 2-Semester Pathway students will complete their Pathway in the Fall. 500-600 level graduate credits and up to six credits of the ECE 400 level will apply toward the degree. (B) One course from the following
Program Length Standard - 2 Semesters 17 August 2020 11 January 2021	30 credit hour 12-13 credit ho	gram Components degree program ours may apply from Pathway ours remaining toward degree		- CS or ECE courses: CS 410: Introduction to Compuer Graphics (3 credits) ECE 512: Digital Signal Processing (3 credits) Spring start dates are available. Course may vary based on start
Entry Requirements	Semester 1	Course Title	Credit Hours	date. Please see the website for
Undergraduate degree in	EAP 150	English for International Students I*	6	- more details.
Electrical Engineering, Computer Engineering, Computer Science or closely related engineering	ECE 455	Introduction to Robot Programming/Simulation	3	* These courses are generally delivered through the INTO Centre and are for Pathway students only
discipline • 2.5 GPA in math, sciences and technical courses.		One course from the following CS or ECE courses (B)	3	
		Tota	12	
Language Requirements • TOEFL 70	Semester 2	Course Title	Credit Hours	
• IELTS 6.0 • PTEA 48 • Password 6.5	EAP 152	English for International Graduate Students*	6	-
Completion of Academic English	ECE 555	Advanced Robotics	3	
Level 3 with a minimum of 75% in all graded courses • IELA 169	ECE 520	Optimization Methods - Control and Communication	3	-

Graduate Pathway in Computer Engineering or Electrical Engineering - Robotics: Robot Control

Program Length	Degree Prog	gram Components		Program Information
Accelerated - 1 Semester 17 August 2020 11 January 2021	6-7 credit hours	degree program s may apply from Pathway vurs remaining toward degree		
Entry Requirements	Semester 1	Course Title	Credit Hours	Progression Requirements
Undergraduate degree in Electrical Engineering, Computer Engineering, Computer Science or closely related engineering	EAP 153	Writing for International Graduate Students*	3	 3.0 CSU GPA for ME; 3.2 CSU GPA for MS Grad of B or better in all classes No unresolved W or I or U grade
iscipline 2.5 GPA in math, sciences and echnical courses.	ECE 455	Introduction to Robot Programming/Simulation	3	Resume, Statement of Purpose and 3 Recommendation letters required.
anguage Requirements		One course from the following ECE courses (B)	3-4	Notes
IELTS 6.5			:	Spring 2-Semester Pathway students will complete their
PTEA 52 Password 7 Completion of Academic English Level 3 with a minimum of 85% in all graded courses IELA 176 or Duolingo 120.	-	Total gram Components	9-10	Pathway in the Fall. 500-600 leve graduate credits and up to six credits of the ECE 400 level will apply toward the degree. (B) One course from the following ECE courses: ECE 411: Control Systems (4 credits) ECE 514: Applications of Random Precesse (3 credits) Spring start dates are available. Course may vary based on start date. Please see the website for more details. * These courses are generally delivered through the INTO Centr and are for Pathway students only
17 August 2020	12-13 credit ho	ours may apply from Pathway ours remaining toward degree		
17 August 2020 11 January 2021	12-13 credit ho		Credit Hours	
17 August 2020 11 January 2021 Entry Requirements Undergraduate degree in	12-13 credit ho 17-18 credit ho	ours remaining toward degree	Credit Hours	
17 August 2020 11 January 2021 Entry Requirements Undergraduate degree in Electrical Engineering, Computer Engineering, Computer Science or	12-13 credit ho 17-18 credit ho Semester 1	ours remaining toward degree Course Title		
17 August 2020 11 January 2021 Entry Requirements Undergraduate degree in Electrical Engineering, Computer Engineering, Computer Science or closely related engineering discipline 2.5 GPA in math, sciences and	12-13 credit ho 17-18 credit ho Semester 1 EAP 150	Course Title English for International Students I* Introduction to Robot	6	
7 August 2020 1 January 2021 Entry Requirements Undergraduate degree in Electrical Engineering, Computer Engineering, Computer Science or closely related engineering liscipline 2.5 GPA in math, sciences and echnical courses.	12-13 credit ho 17-18 credit ho Semester 1 EAP 150	Course Title English for International Students I* Introduction to Robot Programming/Simulation One course from the following ECE courses (B)	6 3	
17 August 2020 11 January 2021 Entry Requirements Undergraduate degree in Electrical Engineering, Computer Engineering, Computer Science or closely related engineering discipline 2.5 GPA in math, sciences and echnical courses. Language Requirements	12-13 credit ho 17-18 credit ho Semester 1 EAP 150	Course Title English for International Students I* Introduction to Robot Programming/Simulation One course from the following ECE courses (B)	6 3 3-4	
2 Semesters 17 August 2020 11 January 2021 Entry Requirements • Undergraduate degree in Electrical Engineering, Computer Engineering, Computer Science or closely related engineering discipline • 2.5 GPA in math, sciences and technical courses. Language Requirements • TOEFL 70 • IELTS 6.0 • PTEA 48	12-13 credit ho 17-18 credit ho Semester 1 EAP 150 ECE 455	Course Title English for International Students I* Introduction to Robot Programming/Simulation One course from the following ECE courses (B)	6 3 3-4 12-13	
17 August 2020 11 January 2021 Entry Requirements • Undergraduate degree in Electrical Engineering, Computer Engineering, Computer Science or closely related engineering discipline • 2.5 GPA in math, sciences and technical courses. Language Requirements • TOEFL 70 • IELTS 6.0	12-13 credit ho 17-18 credit ho Semester 1 EAP 150 ECE 455 Semester 2	Course Title English for International Students I* Introduction to Robot Programming/Simulation One course from the following ECE courses (B) Total Course Title English for International Graduate	6 3 3-4 12-13 Credit Hours	

INTO OCOLORADO STATE UNIVERSITY

Graduate Pathway in Computer Engineering or Electrical Engineering Additional Areas of Study

Program Length

Accelerated - 1 Semester 17 August 2020

11 January 2021

Degree Program Components

6-8 credit hours may apply from Pathway

30 credit hour degree program

Program Information

	22-24 credit nou	rs remaining toward degree		
Entry Requirements	Semester 1	Course Title	Credit Hours	Progression Requirements
Undergraduate degree in Electrical Engineering, Computer Engineering, Computer Science or	EAP 153	Writing for International Graduate Students*	3	• 3.0 CSU GPA for ME; 3.2 CSU GPA for MS • Grad of B or better in all classes
closely related engineering discipline	ECE 4XX/5XX	Electrical and Computer Engineering Course	3-4	No unresolved W or I or U gradesResume, Statement of Purpose
2.5 GPA in math, sciences and technical courses.	ECE 4XX/5XX	Electrical and Computer Engineering Course	3-4	and 3 Recommendation letters required.
				Nata

Language Requirements

• TOEFL 79

- IELTS 6.5
- PTEA 52
- Password 7

Completion of Academic English

Level 3 with a minimum of 85% in

all graded courses

• IELA 176

• or Duolingo 120.

Semester 1	Course Title	Credit Hours	Progre
EAP 153	Writing for International Graduate Students*	3	• 3.0 C GPA fo • Grad
ECE 4XX/5XX	Electrical and Computer Engineering Course	3-4	No ur Resu
ECE 4XX/5XX	Electrical and Computer Engineering Course	3-4	and 3 F require
	Tota	9-11	Notes

Additional areas of study:

Biomedical Engineering, Computer Networking, Communications & Signal Processing, Lasers and Optics, Electric Power and Energy, Radars and Remote Sensing

Spring 2-Semester Pathway students will complete their Pathway in the Fall. 500-600 level graduate credits and up to six credits of the ECE 400 level will apply toward the degree.

* These courses are generally delivered through the INTO Centre and are for Pathway students only.

Program Length Standard - 2 Semesters 17 August 2020 11 January 2021	30 credit hour de 12-16 credit hou	ram Components egree program rs may apply from Pathway rs remaining toward degree	
Entry Requirements	Semester 1	Course Title	Credit Hours
Undergraduate degree in Electrical Engineering, Computer Engineering, Computer Science or closely related engineering discipline 2.5 GPA in math, sciences and technical courses.	EAP 150	English for International Students I*	6
	ECE 4XX/5XX	Electrical and Computer Engineering Course	3-4
	ECE 4XX/5XX	Electrical and Computer Engineering Course	3-4
		Tota	12-14
Language Requirements TOEFL 70 	Semester 2	Course Title	Credit Hours
• IELTS 6.0 • PTEA 48	EAP 152	English for International Graduate Students*	6
 Password 6.5 Completion of Academic English Level 3 with a minimum of 75% in 	ECE 4XX/5XX	Electrical and Computer Engineering Course	3-4
all graded courses • IELA 169	ECE 4XX/5XX	Electrical and Computer Engineering Course	3-4
• or Duolingo 95.		Tota	12-14

Graduate Pathway in Computer Information Systems

33 credit hour degree program

Semester 1

EAP 153

CIS 200

CIS 605

CIS 610

AEEP 8591/2

Degree Program Components

6 credit hours apply from the Pathway

27 credit hours remaining toward degree

Course Title

Students*

Development

GMAT/GRE Test Preparation*

Business Information Systems

Business Visual Application

Writing for International Graduate

Software Development Methodology

Program Length Accelerated - 1 Semester 17 August 2020

11 January 2021

Entry Requirements

 Undergraduate degree comparable to a 4-year US Bachelor's degree with 2.75 GPA • 1 Semester Calculus or equivalent with a B- or better equivalent grade OR 1 Semester College Algebra with a B- or better equivalent grade OR equivalent placement on the online proctored CSU Mathematics Placement Examination (MPE) which should be taken before arrival

Language Requirements

- TOEFL 86
- IELTS 6.5
- PTEA 58
- Password 7
- · Completion of Academic English
- Level 3 with a minimum of 85% in

all graded courses • IELA 169 • or Duolingo 95.

- IELA 176
- or Duolingo 120.

Program Length Standard - 2 Semesters 17 August 2020 11 January 2021	- Degree Program Components 33 credit hour degree program 6 credit hours apply from the Pathway 27 credit hours remaining toward degree				
Entry Requirements • Undergraduate degree comparable to a 4-year US Bachelor's degree with 2.75 GPA • 1 Semester Calculus or equivalent with a B- or better	Semester 1	Course Title	Credit Hours		
	AEEP 8591/2	GMAT/GRE Test Preparation*	0		
	EAP 150	English for International Students I*	6		
	CIS 200	Business Information Systems	3		
equivalent grade OR 1 Semester	CIS 240	Application Design and Development	3		
College Algebra with a B- or better equivalent grade OR equivalent placement on the		Tota	12		
	Semester 2	Course Title	Credit Hours		
online proctored CSU Mathematics Placement	Semester 2 EAP 152	Course Title English for International Graduate Students*	Credit Hours 6		
online proctored CSU		English for International Graduate			
online proctored CSU Mathematics Placement Examination (MPE) which should be taken before arrival	EAP 152	English for International Graduate Students*	6		
online proctored CSU Mathematics Placement Examination (MPE) which should	EAP 152	English for International Graduate Students*	6		

all graded courses

do not count toward the degree; they serve as pre-degree foundation requirements. Spring start dates are available. Course may vary based on start date. Please see the website for more details.

Program Information

· Grade B or better in all classes

550 GMAT score or equivalent

• No unresolved W or I or U grades

· Resume, Statement of purposes

required to complete graduate file.

Pathway in the Fall. 500-600 level

graduate credits will apply toward the degree. Undergraduate credits

and 3 Recommendation letters

Spring 2-Semester Pathway

students will complete their

Credit Hours Progression Requirements

GRE score

Notes

0

3

3

3

3

Total 12

• 3.0 CSU GPA

* These courses are generally delivered through the INTO Centre and are for Pathway students only.

Program Length	Degree Pro	gram Components		Program Information	
Accelerated - 1 Semester 17 August 2020 11 January 2021	35 credit hour Computer Scie Non-Compute Pathway			U C	
Entry Requirements	Semester 1	Course Title	Credit Hours	Progression Requirements	
Undergraduate degree in Computer Science, or relevant	EAP 153	Writing for International Graduate Students*	3	 3.0 CSU GPA Grade B or better in all classes No unresolved W or I or U grades 	
Science, Math or Engineering liscipline, 2.75 GPA in math and	CS 692	Computer Science Seminar	1	Resume, Statement of purpose	
echnical courses.	CS XXX	CS XXX	4	and 3 Recommendation letters required for grad file.	
anguage Requirements	CS XXX	CS XXX	4	required for grad file.	
TOEFL 79 IELTS 6.5		То	tal 12	Notes	
Password 7 Completion of Academic English Level 3 with a minimum of 85% in all graded courses IELA 176 or Duolingo 120.	Degree Pro	gram Components		CS XXX: Students with a 4-year Computer Science degree will choose classes after consulting wit the Graduate Program Director based on academic strength and interests. Students with a non- Computer Science degree will haw classes determined upon arrival at CSU based on CS placement tests to determine level of competences Further information on the tests, syllabus, and evaluation will be provided with an offer. * These courses are generally delivered through the INTO Centre and are for Pathway students only. For accelerated notes please visit partnerportal.intoglobal.com	
2 Semesters 17 August 2020 11 January 2021	35 credit hour Computer Scie Non-Compute Pathway	program ence degree holders: up to 18 credits app Science degree holders: 2-18 credit hou purs remaining toward degree	urs apply from		
Entry Requirements Undergraduate degree in	Semester 1	Course Title	Credit Hours		
Computer Science, or relevant	EAP 150	English for International Students I*	6		
Science, Math or Engineering liscipline, 2.75 GPA in math and	CS 692	Computer Science Seminar	1		
echnical courses.	CS XXX	CS XXX	4		
	CS XXX		4		
			tal 15		
TOEFL 70	Somector 2	Course Title			
TOEFL 70 IELTS 6.0 PTEA 48 Password 6.5	Semester 2 EAP 152	Course Title English for International Graduate Students*	Credit Hours		
TOEFL 70 IELTS 6.0 PTEA 48 Password 6.5 Completion of Academic English Level 3 with a minimum of 75% in		English for International Graduate			
Language Requirements • TOEFL 70 • IELTS 6.0 • PTEA 48 • Password 6.5 • Completion of Academic English Level 3 with a minimum of 75% in all graded courses • IELA 169	EAP 152	English for International Graduate Students*	6		

Total 15

Program Length Accelerated - 1 Semester 11 January 2021	Degree Prog	gram Components	Program Information	
	9-10 credit hou	(minimum) degree program ırs apply from Pathway ıurs remaining toward degree		
Entry Requirements	Semester 1	Course Title	Credit Hours	Progression Requirements
Undergraduate degree in Design and Merchandising or related field 2.5 GPA.	EAP 153	Writing for International Graduate Students*	3	 3.0 CSU GPA Grade B or better in all classes No unresolved W or I or U grade
		Choose 3 courses from core courses	9-10	• Resume, Statement of purpose
Language Requirements • TOEFL 79 • IELTS 6.5		Total	12-13	and 3 Recommendation letters required for grad file.
• PTEA 52 • Password 7				Notes
• Completion of Academic English Level 3 with a minimum of 85% in all graded courses • Duolingo 120.				* These courses are generally delivered through the INTO Centr and are for Pathway students only
- Dubinigo 120.				Choose 3 courses from core courses: AM 321 Advanced Textiles (3 credits), AM 335 Textiles and Apparel Supply Chains (3 credits), AM 371 Merchandising Systems (4 credits AM 375 Product Development II (credits), AM 430 International Retailing (3 credits), DM 540 Promotional Strategies in Merchandising (3 credits), DM 57 Creativity in Design (3 credits), D 575 Human Factors in Design (3 credits)

Graduate Pathway in Electrical Engineering - Control Systems **Program Length Degree Program Components Program Information** Accelerated - 1 Semester 30 credit hour degree program 17 August 2020 6-7 credit hours may apply from Pathway 11 January 2021 23-24 credit hours remaining toward degree **Entry Requirements** Course Title Credit Hours Progression Requirements Semester 1 • 3.0 CSU GPA for ME; 3.2 CSU Undergraduate degree in Writing for International Graduate EAP 153 3 Electrical Engineering, Computer GPA for MS Students* Engineering, Computer Science or Grad of B or better in all classes No unresolved W or I or U grades closely related engineering ECE 411 Control Systems 4 • Resume, Statement of Purpose discipline • 2.5 GPA in math, sciences and and 3 Recommendation letters technical courses. required. ECE 455 Introduction to Robot 3 Programming/Simulation Language Requirements Notes • TOEFL 79 • IELTS 6.5 Spring 2-Semester Pathway Total 10 students will complete their • PTEA 52 Pathway in the Fall. 500-600 level Password 7 graduate credits and up to six Completion of Academic English Level 3 with a minimum of 85% in credits of the ECE 400 level will apply toward the degree. all graded courses • IFI A 176 Spring start dates are available. • or Duolingo 120. Course may vary based on start date. Please see the website for more details. Program Length Standard -**Degree Program Components** * These courses are generally 2 Semesters delivered through the INTO Centre 30 credit hour degree program 17 August 2020 and are for Pathway students only. 14 credit hours may apply from Pathway 11 January 2021 16 credit hours remaining toward degree **Entry Requirements** Credit Hours Semester 1 **Course Title** Undergraduate degree in EAP 150 English for International Students I* 6 Electrical Engineering, Computer ECE 411 Engineering, Computer Science or **Control Systems** 4 closely related engineering ECE 455 Introduction to Robot 3 discipline Programming/Simulation · 2.5 GPA in math, sciences and technical courses. Total 13 Semester 2 **Course Title** Credit Hours Language Requirements • TOEFL 70 EAP 152 English for International Graduate 6 • IELTS 6.0 Students* • PTFA 48 ECE 555 Advanced Robotics 3 Password 6.5 Completion of Academic English ECE 520 Optimization Methods - Control and 3 Level 3 with a minimum of 75% in Communication all graded courses • IELA 169 Total 12 • or Duolingo 95.

Graduate Pathway in Electrical Engineering - Semiconductor Devices and Processing

Bevices and Free				
Program Length Accelerated - 1 Semester 17 August 2020 11 January 2021	30 credit hour 6-8 credit hour	gram Components degree program s may apply from Pathway ours remaining toward degree		Program Information
Entry Requirements	Semester 1	Course Title	Credit Hours	Progression Requirements
Undergraduate degree in Electrical Engineering, Computer Engineering, Computer Science or closely related engineering discipline	EAP 153	Writing for International Graduate Students*	3	• 3.0 CSU GPA for ME; 3.2 CSU GPA for MS • Grad of B or better in all classes
	ECE 404	Experiments in Optical Electronics	2	No unresolved W or I or U gradesResume, Statement of Purpose
 2.5 GPA in math, sciences and technical courses. 	ECE 441	Optical Electronics	3	and 3 Recommendation letters required.
Language Requirements • TOEFL 79	ECE 536	RF Integrated Circuit Design	3	Notes
 IELTS 6.5 PTEA 52 Password 7 Completion of Academic English Level 3 with a minimum of 85% in all graded courses IELA 176 		Tota	I 11	 Spring 2-Semester Pathway students will complete their Pathway in the Fall. 500-600 level graduate credits and up to six credits of the ECE 400 level will apply toward the degree.
Program Length Standard - 2 Semesters	30 credit hour	gram Components degree program s may apply from Pathway		Spring start dates are available. Course may vary based on start date. Please see the website for more details. * These courses are generally delivered through the INTO Centre and are for Pathway students only.
Program Length Standard - 2 Semesters 17 August 2020	30 credit hour	degree program		Course may vary based on start date. Please see the website for more details. * These courses are generally delivered through the INTO Centre
Program Length Standard - 2 Semesters 17 August 2020 11 January 2021 Entry Requirements	30 credit hour	degree program s may apply from Pathway	Credit Hours	Course may vary based on start date. Please see the website for more details. * These courses are generally delivered through the INTO Centre
Program Length Standard - 2 Semesters 17 August 2020 11 January 2021 Entry Requirements • Undergraduate degree in	30 credit hours 11 credit hours 20 credit hours	degree program s may apply from Pathway s remaining toward degree	Credit Hours 6	Course may vary based on start date. Please see the website for more details. * These courses are generally delivered through the INTO Centre
Program Length Standard - 2 Semesters 17 August 2020 11 January 2021 Entry Requirements • Undergraduate degree in Electrical Engineering, Computer Engineering, Computer Science or	30 credit hour 11 credit hours 20 credit hours Semester 1	degree program s may apply from Pathway s remaining toward degree Course Title		Course may vary based on start date. Please see the website for more details. * These courses are generally delivered through the INTO Centre
Program Length Standard - 2 Semesters 17 August 2020 11 January 2021 Entry Requirements • Undergraduate degree in Electrical Engineering, Computer Engineering, Computer Science or closely related engineering	30 credit hours 11 credit hours 20 credit hours Semester 1 EAP 150	degree program s may apply from Pathway s remaining toward degree Course Title English for International Students I*	6	Course may vary based on start date. Please see the website for more details. * These courses are generally delivered through the INTO Centre
Program Length Standard - 2 Semesters 17 August 2020 11 January 2021 Entry Requirements • Undergraduate degree in Electrical Engineering, Computer Engineering, Computer Science or closely related engineering discipline	30 credit hour 11 credit hours 20 credit hours Semester 1 EAP 150 ECE 404	degree program s may apply from Pathway s remaining toward degree Course Title English for International Students I* Experiments in Optical Electronics	6 2 3	Course may vary based on start date. Please see the website for more details. * These courses are generally delivered through the INTO Centre
Program Length Standard - 2 Semesters 17 August 2020 11 January 2021 Entry Requirements • Undergraduate degree in Electrical Engineering, Computer Engineering, Computer Science or closely related engineering discipline • 2.5 GPA in math, sciences and	30 credit hour 11 credit hours 20 credit hours Semester 1 EAP 150 ECE 404	degree program s may apply from Pathway s remaining toward degree Course Title English for International Students I* Experiments in Optical Electronics Optical Electronics	6 2 3	Course may vary based on start date. Please see the website for more details. * These courses are generally delivered through the INTO Centre
Program Length Standard - 2 Semesters 17 August 2020 11 January 2021 Entry Requirements • Undergraduate degree in Electrical Engineering, Computer Engineering, Computer Science or closely related engineering discipline • 2.5 GPA in math, sciences and technical courses. Language Requirements • TOEFL 70	30 credit hours 11 credit hours 20 credit hours Semester 1 EAP 150 ECE 404 ECE 441	degree program s may apply from Pathway s remaining toward degree Course Title English for International Students I* Experiments in Optical Electronics Optical Electronics Tota	6 2 3 I 11	Course may vary based on start date. Please see the website for more details. * These courses are generally delivered through the INTO Centre
Program Length Standard - 2 Semesters 17 August 2020 11 January 2021 Entry Requirements • Undergraduate degree in Electrical Engineering, Computer Engineering, Computer Science or closely related engineering discipline • 2.5 GPA in math, sciences and technical courses. Language Requirements • TOEFL 70 • IELTS 6.0	30 credit hour 11 credit hours 20 credit hours Semester 1 EAP 150 ECE 404 ECE 441 Semester 2	degree program s may apply from Pathway s remaining toward degree Course Title English for International Students I* Experiments in Optical Electronics Optical Electronics Tota Course Title English for International Graduate	6 2 3 I 11 Credit Hours	Course may vary based on start date. Please see the website for more details. * These courses are generally delivered through the INTO Centre
Program Length Standard - 2 Semesters 17 August 2020 11 January 2021 Entry Requirements • Undergraduate degree in Electrical Engineering, Computer Engineering, Computer Science or closely related engineering discipline • 2.5 GPA in math, sciences and technical courses. Language Requirements • TOEFL 70 • IELTS 6.0 • PTEA 48 • Password 6.5	30 credit hour 11 credit hours 20 credit hours Semester 1 EAP 150 ECE 404 ECE 441 Semester 2 EAP 152	degree program s may apply from Pathway s remaining toward degree Course Title English for International Students I* Experiments in Optical Electronics Optical Electronics Tota Course Title English for International Graduate Students*	6 2 3 I 11 Credit Hours 6	Course may vary based on start date. Please see the website for more details. * These courses are generally delivered through the INTO Centre
 or Duolingo 120. Program Length Standard - 2 Semesters 17 August 2020 11 January 2021 Entry Requirements Undergraduate degree in Electrical Engineering, Computer Engineering, Computer Science or closely related engineering discipline 2.5 GPA in math, sciences and technical courses. Language Requirements TOEFL 70 IELTS 6.0 PTEA 48 Password 6.5 Completion of Academic English Level 3 with a minimum of 75% in 	30 credit hour 11 credit hours 20 credit hours 20 credit hours Semester 1 EAP 150 ECE 404 ECE 441 Semester 2 EAP 152 ECE 471A	degree program s may apply from Pathway s remaining toward degree Course Title English for International Students I* Experiments in Optical Electronics Optical Electronics Tota Course Title English for International Graduate Students* Semiconductor Physics	6 2 3 1 11 Credit Hours 6 1	Course may vary based on start date. Please see the website for more details. * These courses are generally delivered through the INTO Centre
Program Length Standard - 2 Semesters 17 August 2020 11 January 2021 Entry Requirements • Undergraduate degree in Electrical Engineering, Computer Engineering, Computer Science or closely related engineering discipline • 2.5 GPA in math, sciences and technical courses. Language Requirements • TOEFL 70 • IELTS 6.0 • PTEA 48 • Password 6.5 • Completion of Academic English	30 credit hour 11 credit hours 20 credit hours 20 credit hours Semester 1 EAP 150 ECE 404 ECE 404 ECE 441 Semester 2 EAP 152 ECE 471A ECE 471B	degree program s may apply from Pathway s remaining toward degree Course Title English for International Students I* Experiments in Optical Electronics Optical Electronics Tota Course Title English for International Graduate Students* Semiconductor Physics Semiconductor Junction	6 2 3 1 11 Credit Hours 6 1 1	Course may vary based on start date. Please see the website for more details. * These courses are generally delivered through the INTO Centre

Graduate Pathway in English - Teaching English as a Foreign/Second Language (TEFL/TESL)

Program Length Accelerated - 1 Semester 17 August 2020	33 credit hour 6 credit hours a	gram Components degree program apply from Pathway a remaining toward degree		Program Information
Entry Requirements	Semester 1	Course Title	Credit Hours	Progression Requirements
Undergraduate degree comparable to a 4-year US Bachelor's degree with 2.75 GPA.	EAP 153	Writing for International Graduate Students*	3	 3.0 CSU GPA Grad of B or better in all classes No unresolved W or I or U grades
J. J	E 514	Phonology/Morphology - ESL/EFL	3	Resume, Statement of Purpose
Language Requirements • TOEFL 75 • IELTS 6.5 (6.5 in Writing)	E 526	Teaching English as a Foreign/ Second Language	3	and 3 Recommendation letters required.
PTEA 50 Password 7		Tutoring on Study Skills	0	Notes
 Completion of Academic English Level 3 with a minimum of 85% in all graded courses IELA 176 or Duolingo 120. 		Tot	al 9	The tutoring on Study Skills course is required. 500-600 level graduate credits will apply toward the degree. Undergraduate credits do not count toward the degree; they serve as pre-degree foundation requirements. * These courses are generally delivered through the INTO Centre and are for Pathway students only

Program Length Accelerated - 1 Semester 11 January 2021	30 credit hour deg 2 credit hours app	bly from the Pathway	Program Information	
		maining toward degree	• • • • •	
Entry Requirements • Undergraduate degree comparable to a 4-year US Bachelor's degree with 2.75 GPA Categories of Colorida Los	Semester 1 AEEP 8591/AEEP 8592	Course Title GMAT/GRE Test Preparation*	Credit Hours	Progression Requirements • 3.0 CSU GPA • 600 GMAT score or equivalent GRE score Corde D or better in all closes
• Statistics or Calculus I or equivalent undergraduate course with a B- or better equivalent grade	EAP 153	Writing for International Graduate Students*	3	 Grade B or better in all classes No unresolved W or I or U grades Resume, Statement of Purpose
Microeconomics	STAT OR MATH	Statistics or Calculus I	3-4	and 3 Recommendation letters required.
Language Requirements • TOEFL 79	BUS 640	Financial Principles and Practice	2	•
• IELTS 6.5	BUS 300	Business Communication Processes	3	Notes
 PTEA 58 Password 7 Completion of Academic English Level 3 with a minimum of 85% in all graded courses IELA 176 or Duolingo 120. 		Total	11-12	500-600 level graduate credits will apply toward the degree. Undergraduate credits do not count toward the degree; they serve as pre-degree foundation requirements. * These courses are generally delivered through the INTO Centre and are for Pathway students only.
Program Length Standard - 2 Semesters 17 August 2020	30 credit hour deg	arm Components gree program		

30 credit hour degree program 2 credit hours apply from the Pathway 28 credit hours remaining toward degree

Course Title

Semester 1

Entry Requirements • Undergraduate degree comparable to a 4-year US Bachelor's degree with 2.5 GPA • 1 Semester College Algebra or equivalent placement on the onlir proctored CSU Mathematics Placement Examination (MPE) which should be taken before arrival.

Language Requirements • TOEFL 70

• IELTS 6.0

• PTEA 51

Password 6.5

 Completion of Academic Englis Level 3 with a minimum of 75% i all graded courses • IELA 169

• or Duolingo 95.

AEEP 8591/AEEP 8592	GMAT/GRE Test Preparation*	0
EAP 150	English for International Students I*	6
ACT 205	Fundamentals of Accounting	3
ECON 202	Principles of Microeconomics	3
MATH 160	Calculus for Physical Scientists I	4
	Tot	al 16
Semester 2	Course Title	Credit Hours
Semester 2 EAP 152	Course Title English for International Graduate Students*	Credit Hours
	English for International Graduate	
EAP 152	English for International Graduate Students*	6

Credit Hours

Graduate Pathway in Greenhouse Gas Management and Accounting

Program Information Program Length Degree Program Components Accelerated - 1 Semester 37 credit hour degree program 11 January 2021 3 credit hours apply from Pathway 34 credit hours remaining toward degree Credit Hours 0 Progression Requirements • 3.0 CSU GPA Entry Requirements Semester 1 **Course Title** Undergraduate degree **AEEP 8591 GRE Test Preparation*** 0 comparable to a 4-year US • GRE score of 156 Verbal, 159 EAP 153 Writing for International Graduate 3 Bachelor's degree with 2.75 GPA. Quantitative, 4.5 Analytical Writing Students* • Grade of B or better in all classes Language Requirements • No unresolved W or I or U grades ESS 330 Quantitative Reasoning for Ecosystem 3 • TOEFL 79 • Resume, Statement of Purpose Science • IELTS 6.5 and 3 Recommendation letters • PTEA 52 5xx or 6xx Approved Graduate Credit Elective 3 required. · Password 7 Total 9 Completion of Academic English Notes Level 3 with a minimum of 85% in 500-600 level credits will apply all graded courses toward the degree. Undergraduate • IELA 176 credits do not count toward the • or Duolingo 120. degree; they serve as pre-degree foundation requirements. * These courses are generally delivered through the INTO Centre and are for Pathway students only.

Program Length Standard - 2 Semesters 17 August 2020	Degree Program Components 37 credit hour degree program 6 credit hours apply from Pathway 31 credit hours remaining toward degree				
Entry Requirements • Undergraduate degree comparable to a 4-year US Bachelor's degree with 2.75 GPA. Language Requirements	Semester 1	Course Title	Credit Hours		
	AEEP 8591	GRE Test Preparation*	0		
	EAP 150	English for International Students I*	6		
	ESS 311	Ecosystem Ecology	3		
• TOEFL 70 • IELTS 6.0	5xx or 6xx	Approved Graduate Credit Elective	3		
• IEL IS 6.0 • PTEA 48		Tota	12		
Password 6.5 Completion of Academic English	Semester 2	Course Title	Credit Hours		
 Completion of Academic English Level 3 with a minimum of 75% in all graded courses IELA 169 or Duolingo 95. 	EAP 152	English for International Graduate Students*	6		
	5xx or 6xx	Approved Graduate Credit Elective	3		
- or Edolingo 50.	ESS 330	Quantitative Reasoning for Ecosystem Science	3		
		Tota	12		

Graduate Pathway in Impact MBA

Program Length Standard - 2 Semesters 17 August 2020	44 credit hour 3 credit hours	gram Components degree program apply from the Pathway remaining toward degree		Program Information
Entry Requirements • Undergraduate degree comparable to a 4-year US Bachelor's degree with 2.75 GPA	Semester 1 AEEP 8591/AEEP 8592	Course Title GMAT/GRE Test Preparation*	Credit Hours 0	Progression Requirements • 3.25 CSU GPA • 600 GMAT score or equivalent GRE score • Grade of "B" or better in all
 2 years of post-graduate job experience preferred Résumé and cover letter 	EAP 150 ACT 205	English for International Students I* Fundamentals of Accounting	6 3	classes • No unresolved "W" or "I" or "U"
describing the student's passion for social entrepreneurship or socially conscious work.	MGT 305	Fundamentals of Management	3	grades • Résumé • Statement of purpose • 3 recommendation letters. • Notes Program is capped at 40 students 500-600 level graduate credits will apply toward the degree. Undergraduate credits do not cout toward the degree; they serve as
Language Requirements	Semester 2	Total Course Title	12 Credit Hours	
• TOEFL IBT 70 • IELTS 6.0 • PTEA 51 • Password 6.5 • Duolingo 95 • or Completion of Academic English Level 3 with a minimum of 75% in all graded courses.	EAP 152	English for International Graduate Students*	6	
	BUS 300	Business Communication Processes	3	
	CIS 600	Information Technology & Project Management	3	
	FIN 305	Fundamentals of Finance	3	pre-degree foundation requirements.
		Total	15	* These courses are generally delivered through the INTO Centre and are for Pathway students only

Fundamentals of Accounting

Management

Information Technology and Project

Credit Hours

0

3

3

3

3

Total 12

Program Length Accelerated - 1 Semester 11 January 2021	Degree Program Components 44 credit hour degree program 3 credit hours apply from Pathway 41 credit hours remaining toward degree		
Entry Requirements	Semester 1	Course Title	
Undergraduate degree	AEEP 8591/2	GMAT/GRE Test Preparation*	
comparable to a 4-year US Bachelor's degree with 2.75 GPA • 2 years of post-graduate job	EAP 153	Writing for International Graduate Students*	
experience preferred	BUS 300	Business Communication Processes	

ACT 205

CIS 600

describing the student's passion for social entrepreneurship or socially conscious work.

Language Requirements

- IELTS 6.5
- PTEA 58
- Password 7

Completion of Academic English

Level 3 with a minimum of 85% in

all graded courses

• IELA 176

• or Duolingo 120.

Degree Program Components

Undergraduate degree
comparable to a 4-year US

Résumé and cover letter

Graduate Pathway in Languages, Literatures and Cultures -Spanish

Program Length

Accelerated - 1 Semester

17 August 2020 11 January 2021

Entry Requirements

 Undergraduate degree comparable to a 4-year US Bachelor's degree with 2.75 GPA

• Statement of purpose in Spanish Biographical statement in English.

- Language Requirements
- TOEFL 79

• IELTS 6.5 (6.5 in Writing)

• PTEA 52

Password 7

Completion of Academic English

Level 3 with a minimum of 85% in

all graded courses

• IELA 176

• or Duolingo 120.

Degree Program Components

34 credit hour degree program 6-7 credit hours apply from Pathway 27-28 credit hours remaining toward degree

Semester 1	Course Title	Credit Hours	Progression Requirements
EAP 153	Writing for International Graduate Students*	3	 3.0 CSU GPA Grade B or better in all classes No unresolved W or I or U grades
LGEN 510	Research Methods	1	 Resume, Statement of purpose
LSPA 500	Language Analysis/Stylistics-Spanish	3	and 3 Recommendation letters required for grad file
LGEN 516	Theory/Methods-Foreign Language Instruction	3	• Writing sample in Spanish.
	Tota	1 0	Notes

Spring 2-Semester Pathway students will complete Pathway in the Fall. 500-600 level credits will apply toward degree. Undergraduate credits do not count toward degree; they serve as pre-

Program Information

Spring start dates are available. Course may vary based on start date. Please see the website for more details.

degree foundation requirements.

* These courses are generally delivered through the INTO Centre and are for Pathway students only.

Program Length Standard - 2 Semesters 17 August 2020 11 January 2021	I - Degree Program Components 34 credit hour degree program 7-10 credit hours apply from Pathway 24-27 credit hours remaining toward degree			
Entry Requirements	Semester 1	Course Title	Credit Hours	
 Undergraduate degree comparable to a 4-year US 	EAP 150	English for International Students I*	6	
Bachelor's degree with 2.75 GPA • Statement of purpose in Spanish • Biographical statement in English.	LGEN 510	Research Methods	1	
	LSPA 500	Language Analysis/Stylistics-Spanish	3	
 Diographical statement in English. Language Requirements TOEFL 70 IELTS 6.0 PTEA 48 Password 6.5 Completion of Academic English Level 3 with a minimum of 75% in 		Tota	10	
	Semester 2	Course Title	Credit Hours	
	EAP 152	English for International Graduate Students*	6	
	LGEN 530	Literary and Cultural Theory	3	
Level 3 with a minimum of 75% in				
Level 3 with a minimum of 75% in all graded courses • IELA 169 • or Duolingo 95.	LSPA 536/692	Topics in Spanish Linguistics OR Seminar-Spanish	3	

INTO OCOLORADO STATE UNIVERSITY

Graduate Pathway in Mathematics

Program Length Accelerated - 1 Semester 17 August 2020	Degree Program 35 credit hour degree 9 credit hours apply fr 26 credits remaining t	• programs om Pathway		Program Information
Entry RequirementsUndergraduate degree in	Semester 1	Course Title	Credit Hours	Progression Requirements• 3.0 CSU GPA
Mathematics • 2.75 GPA	AEEP 8591	GRE Test Preparation*	0	• GRE score of 156 Verbal, 160 Quantitative, 4.0+ Analytical Writing
 2.75 GPA Language Requirements TOEFL 79 IELTS 6.5 PTEA 52 Password 7 Completion of Academic English 	EAP 153	Writing for International Graduate Students*	3	 Grade of B or better in all classes No unresolved W or I or U grades
	MATH 417	Advanced Calculus I	3	Resume, Statement of purpose and 3 Recommendation letters
	MATH 450/466/501/510/545	Various Math Courses (Choose Two)	6	required for grad file.
Level 3 with a minimum of 85% in		Tota	12	
all graded courses				400-500 level graduate credits will

- IELA 176
- or Duolingo 120.

400-500 level graduate credits will apply toward the degree. Undergraduate credits do not count toward the degree; they serve as pre-degree foundation requirements.

MATH 467: Offered spring semesters of odd years

Various Math Courses 2-Semester Pathway:

(Semester 1): Choose one: MATH 450 Introduction to Numerical Analysis I (3 credits), MATH 466 Advanced Algebra I (3 credits), MATH 501 Combinatorics I (3 credits), MATH 510 Linear Programming and Network Flows (3 credits); Various Math Courses (Semester 2): Choose one of the following courses: MATH 451 Introduction to Numerical Analysis II (3 credits), MATH 467 Abstract Algebra II (3 credits), MATH 502 Combinatorics II (3 credits), MATH 520 Nonlinear Programming (3 credits)

Various Math Courses 1-Semester Pathway: Choose two: MATH 450 Introduction to Numerical Analysis I (3 credits), MATH 466 Advanced Algebra I (3 credits), MATH 501 Combinatorics I (3 credits), MATH 510 Linear Programming and Network Flows (3 credits), MATH 545 Partial Differential Equations I (3 credits)

* These courses are generally delivered through the INTO Centre and are for Pathway students only.

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Program Length Standard -	
2 Semesters	
17 August 2020	

11 January 2021

Entry Requirements · Undergraduate degree in Mathematics • 2.75 GPA.

Language Requirements

• TOEFL 70

• IELTS 6.0 • PTEA 48

Password 6.5

Completion of Academic English

Level 3 with a minimum of 75% in all graded courses • IELA 169

• or Duolingo 95.

35 credit hour degree programs	
12 credit hours apply from Pathway	

Degree Program Components

23 credits remaining toward degree

Semester 1	Course Title	Credit Hours
AEEP 8591	GRE Test Preparation*	0
EAP 150	English for International Students I*	6
MATH 417	Advanced Calculus I	3
MATH 450/466/501/510	Various Math Courses (Choose One)	3
	Tota	12
Semester 2	Course Title	Credit Hours
EAP 152	English for International Graduate Students*	6

MATH 469 Linear Algebra II 3 Various Math Courses (Choose One) 3 451/467/502/520 Total 12

MATH

Graduate Pathway in Mechanical Engineering **Degree Program Components** Program Length Standard -**Program Information** 2 Semesters 30 credit hour degree program 17 August 2020 12-13 credit hours may apply from Pathway 17-18 credit hours remaining toward degree **Entry Requirements Course Title** Credit Hours Progression Requirements Semester 1 Undergraduate degree in 3.0 CSU GPA EAP 150 English for International Students I* 6 Mechanical Engineering or closely Grade of B or better in all classes MATH 530/ Various MATH/MECH Courses 6-7 • No unresolved W or I or U grades related engineering discipline • 2.75 GPĂ. MECH 532/ (Choose Two) • Resume, Statement of purpose, **MECH 538** and 3 Positive Recommendation Language Requirements • TOEFL 70 letters from Mechanical Engineering Total 12-13 faculty. • IELTS 6.0 Semester 2 Course Title Credit Hours • PTEA 48 Notes EAP 152 English for International Graduate 6 Password 6.5 Students* Completion of Academic English students in the 2-Semester Level 3 with a minimum of 75% in **MECH 539** Advanced Fluid Mechanics 3 all graded courses

- IELA 169
- or Duolingo 95.

MECH 544 Advanced Heat Transfer 3

Total 12

Based on academic background, Pathway may be required to take undergraduate-level coursework that does not satisfy ME or MS degree requirements. 500-600 level graduate credits will apply toward the degree. Undergraduate credits do not count toward the degree; they serve as pre-degree foundation requirements.

Various Math Courses (Semester 1): Choose two of the following courses: MATH 530 Mathematics for Scientists and Engineers (4 credits), MECH 532 Materials Issues in Mechanical Design (3 credits), MECH 538 Mechanical Engineering Thermodynamics (3 credits)

* These courses are generally delivered through the INTO Centre and are for Pathway students only.

Program Length Accelerated - 1 Semester 11 January 2021	Degree Program Components			Program Information
	4 credit hours a	degree program apply from Pathway remaining toward degree		
Entry Requirements	Semester 1	Course Title	Credit Hours	Progression Requirements
 Undergraduate degree comparable to a 4-year US Bachelor's degree with 2.75 GPA. 	EAP 152	English for International Graduate Students*	6	 3.0 CSU GPA Grade B or better in all classes No unresolved W or I or U grades
Ũ	NRRT 470	Tourism Impacts	3	Resume, Statement of Purpose
Language Requirements • TOEFL 79 • IELTS 6.5	NRRT 671	Strategic Management for Travel and Tourism	2	and 3 Recommendation letters required.
PTEA 52 Password 7 Completion of Academic English	NRRT 625	Communication and Conflict Management in Tourism	2	Notes 500-600 level graduate credits will
all graded courses IELA 176 or Duolingo 120.				Undergraduate credits do not cour toward the degree; they serve as pre-degree foundation requirements. * These courses are generally delivered through the INTO Centre and are for Pathway students only
Program Length Standard - 2 Semesters 7 August 2020	30 credit hour	gram Components degree program apply from Pathway		-
		remaining toward degree		
Entry Requirements	Semester 1	Course Title	Credit Hours	
Undergraduate degree comparable to a 4-year US	EAP 150	English for International Students I*	6	
Bachelor's degree with 2.75 GPA.	NRRT 372	Tourism Promotion	3	
anguage Requirements	NRRT 600	Tourism Industry Concepts and Practices	2	
IFLTS 6.0	NDDT 610	Natural Posouroo Managoment and	-	

- IELTS 6.0 PTEA 48

PTEA 48
Password 6.5
Completion of Academic English Level 3 with a minimum of 75% in all graded courses
IELA 169
or Duolingo 95.

Semester 1	Course Title	Credit Hours
EAP 150	English for International Students I*	6
NRRT 372	Tourism Promotion	3
NRRT 600	Tourism Industry Concepts and Practices	2
NRRT 610	Natural Resource Management and Tourism	2
	Tota	1 12
	TOLA	1 13
Semester 2	Course Title	Credit Hours
Semester 2 EAP 152		
	Course Title English for International Graduate	Credit Hours
EAP 152	Course Title English for International Graduate Students*	Credit Hours 6

Total 13

Graduate Pathway in Extension Education					
Program Length Standard - 2 Semester 17 August 2020	37 credit hour of 13 credit hours	gram Components degree program apply from Pathway remaining toward degree		Program Information	
Entry Requirements	Semester 1	Course Title	Credit Hours	Progression Requirements	
• Undergraduate degree comparable to a 4-year US Bachelor's degree with 2.75 GPA.	EAP 150	English for International Students I*	6	 3.0 CSU GPA Grade B or better in all classes No unresolved W or I or U grades 	
0	AGRI 546	Principles of Cooperative Extension	3	Resume, Statement of Purpose	
Language Requirements • TOEFL 76 • IELTS 6.0	AGED 525	Agricultural and Extension Teaching	3	and 3 Recommendation letters required.	
• PTEA 51		Total	12	Notes	
 Password 6.5 Completion of Academic English 	Semester 2	Course Title	Credit Hours	500-600 level graduate credits will	
Level 3 with a minimum of 85% in all graded courses • IELA 169 • or Duolingo 95.	EAP 152	English for International Graduate Students*	6	apply toward the degree. Undergraduate credits do not count	
	AGRI 547	Delivery of Cooperative Extension Programs	4	toward the degree; they serve as pre-degree foundation requirements.	
	AGED 510	American Agricultural Values and Ideology	3	* These courses are generally delivered through the INTO Centre	
		Total	13	and are for Pathway students only.	