

Program	Implementation
AS, Architectural Engineering, OSU	2026/SU
AS, Biological Engineering, OSU	2026/SU
AS, Biology, OSU	2026/SU
AS, Biology, PSU	2026/SU
AS, Biology, UofO	2026/SU
AS, Chemical Engineering, OSU	2026/SU
AS, Civil Engineering, OSU	2026/SU
AS, Civil Engineering, PSU	2026/SU
AS, Computer Engineering, PSU	2026/SU
AS, Computer Science, PSU	2026/SU
AS, Construction Engineering Management, OSU	2026/SU
AS, Ecological Engineering, OSU	2026/SU
AS, Electrical Engineering, OIT	2026/SU
AS, Electrical Engineering, OSU	2026/SU
AS, Electrical Engineering, PSU	2026/SU
AS, Environmental Engineering, OSU	2026/SU
AS, Environmental Engineering, PSU	2026/SU
AS, Geology, PSU	2026/SU
AS, Horticulture, OSU	2026/SU
AS, Industrial Engineering, OSU	2026/SU
AS, Mechanical Engineering, OIT	2026/SU
AS, Mechanical Engineering, OSU	2026/SU
AS, Mechanical Engineering, PSU	2026/SU
AS, Music, PSU	2026/SU
AS, Renewable Energy Engineering, OIT	2026/SU
Associate of Arts Oregon Transfer (AAOT)	2026/SU
Associate of General Studies	2026/SU
Biology (AST)	2026/SU
Business (AST)	2026/SU
Computer Science (AST)	2026/SU
Core Transfer Map	2026/SU
Early Childhood Education & Family Studies AAS	2026/SU
Electronics Engineering Technology AAS	2026/SU
Elementary Education (AAOT)	2026/SU
Emergency Medical Technology CC	2026/SU
English (AAT)	2026/SU
Medical Assistant CC	2026/SU
Medical Billing and Coding CC	2026/SU
Microelectronics Systems Technology AAS	2026/SU
Nursing (RN) AAS	2026/SU
Oregon Transfer Module	2026/SU
Wildland Fire Management AAS	2026/SU
Wildland Fire Science CC	2026/SU

Program Change Request

Date Submitted: 03/18/26 11:40 am

Viewing: **AS.OSUARCHENGR : AS, Architectural Engineering, OSU**

Last approved: 02/06/26 8:35 am

Last edit: 03/18/26 11:40 am

Changes proposed by: Megan Feagles (megan.feagles)

Catalog Pages Using
this Program

[Architectural Engineering Emphasis, AS - with Oregon State University](#)

Change Type

Program Contact Information

Are you the Faculty Contact Person?

In Workflow

1. Curriculum Office
2. DASC Dean
3. Curriculum Committee Approval

Approval Path

1. 03/23/26 9:26 am
Megan Feagles (megan.feagles):
Approved for Curriculum Office
2. 03/23/26 10:32 am
Anne-Mary Nash-Haruna (annemary.nashharu)
Approved for DASC Dean

History

1. Nov 28, 2022 by Megan Feagles (megan.feagles)
2. Apr 18, 2023 by Megan Feagles (megan.feagles)
3. Jun 5, 2023 by Megan Feagles (megan.feagles)
4. Dec 1, 2023 by Eric Lee (elee)
5. Feb 16, 2024 by Eric Lee (elee)
6. Mar 11, 2024 by Megan Feagles

- (megan.feagles)
- 7. Mar 22, 2024 by Megan Feagles (megan.feagles)
- 8. Apr 4, 2025 by Megan Feagles (megan.feagles)
- 9. Jun 6, 2025 by Megan Feagles (megan.feagles)
- 10. Nov 21, 2025 by Eric Lee (elee)
- 11. Feb 6, 2026 by Megan Feagles (megan.feagles)

Program Overview

Name of Proposed Program

AS, Architectural Engineering, OSU

Program Code AS.OSUARCHENGR

Award (CCWD)

Associate of Science (90-108 credits) (AS)

Type of Program Associate of Science (AS) (CCC)

Educational Focus Area Science, Technology, Engineering and Math (STEM)

Effective Catalog Edition 2026-2027

Career Area Industrial and Engineering Systems

Department Engineering Sciences

Division Arts and Sciences

Other locations (institutions) this Program will be offered

CIP Code 14.0101 - Engineering, General.

Program Award Information

Program Learning Outcomes (PLOs)

Upon successful completion of this program, students should be able to:

	Outcome(s)
1	apply the fundamental elements of engineering design;
2	employ mathematics, science, and computing techniques in a systematic and rigorous manner to support the study and solution of engineering problems;
3	conduct and document laboratory experiments in the sciences and engineering, effectively communicating determined quantitative relationships using both graphs and equations;
4	exhibit good teamwork skills and serve as effective members of laboratory and project teams;
5	articulate and justify graphical, numerical, and analytical solutions to an audience through oral and written communication.

Proposed Curriculum

Plan of Study Grid

First Year

Fall Term		Credits
CH-221	General Chemistry	5.00
<u>CH-221Z</u>	<u>General Chemistry I</u>	<u>5.00</u>
<u>& CH-227Z</u>	<u>and General Chemistry I Laboratory</u>	
<u>ENGR-111</u>	Introduction to Engineering	3.00
<u>MTH-251Z</u>	Differential Calculus	4.00
<u>WR-121Z</u>	Composition I	4.00
	Credits	16

Winter Term

<u>CDT-103</u>	Computer-Aided Drafting I	3.00
CH-222	General Chemistry	5.00
<u>CH-222Z</u>	<u>General Chemistry II</u>	<u>5.00</u>
<u>& CH-228Z</u>	<u>and General Chemistry II Laboratory</u>	
<u>ENGR-112</u>	Engineering Programming	3.00
<u>MTH-252Z</u>	Integral Calculus	4.00
	Credits	15

Spring Term

<u>COMM-111Z</u>	Public Speaking	4.00
<u>MTH-254</u>	Vector Calculus	5.00
<u>WR-227Z</u>	Technical Writing	4.00
	Credits	13
Summer Term		
<u>MTH-256</u>	Differential Equations	4.00
	Credits	4
Second Year		
Fall Term		
<u>ENGR-211</u>	Statics	4.00
<u>PH-211</u>	General Physics With Calculus	5.00
<u>Arts and Humanities (General) Electives</u>		3.00-4.00
<u>Difference, Power, and Oppression Foundation Electives</u>		3.00-4.00
	Credits	15-17
Winter Term		
<u>PH-212</u>	General Physics With Calculus	5.00
<u>EC-201Z</u>	Principles of Microeconomics	4.00
	or <u>EC-202Z</u> or Principles of Macroeconomics	
<u>Basic Science Electives</u>		4.00
	Credits	13
Spring Term		
<u>ENGR-201</u>	Electrical Fundamentals	4.00
<u>ENGR-213</u>	Strength of Materials	4.00
<u>PH-213</u>	General Physics With Calculus	5.00
<u>STAT-OSU</u>	Introduction to Statistics for Engineers	3.00
	Credits	16
	Total Credits	92-94

Arts and Humanities (General) Electives

<u>ART-101</u>	Art Appreciation	3.00
<u>ART-204</u>	History of Art/Ancient Through Medieval	4.00
<u>ART-205</u>	History of Art/Romanesque Through Baroque	4.00
<u>ART-206</u>	History of Art/Enlightenment Through Contemporary	4.00
<u>ART-232</u>	Life Drawing (Figure Emphasis)	4.00
<u>ART-233</u>	Drawing for Comics	4.00
<u>ART-250</u>	Ceramics/Beginning	4.00
<u>ART-252</u>	Ceramics/Wheel-Throwing I	4.00

<u>ART-253</u>	Ceramics/Intermediate	4.00
<u>ART-255</u>	Ceramics/Wheel-Throwing II	4.00
<u>ART-257</u>	Metalsmithing/Jewelry	4.00
<u>ART-282</u>	Painting: The Figure/Beginning	4.00
<u>ART-283</u>	Painting: Landscapes/Beginning	4.00
<u>ART-284</u>	Painting: Still Life/Intermediate	4.00
<u>ART-285</u>	Painting: The Figure/Intermediate	4.00
<u>ART-286</u>	Painting: Landscapes/Intermediate	4.00
<u>ART-292</u>	Sculpture (Figure Emphasis)	4.00
<u>ART-293</u>	Sculpture (Metal Emphasis)	4.00
<u>COMM-126</u>	Intro to Communication, Gender, and Sexuality	4.00
<u>COMM-140</u>	Introduction to Intercultural Communication	4.00
<u>COMM-219</u>	Small Group Discussion	4.00
<u>COMM-227</u>	Nonverbal Communication	4.00
<u>ENG-104Z</u>	Introduction to Fiction	4.00
<u>ENG-108</u>	World Literature: Early Middle Ages through the 18th Century	4.00
<u>ENG-109</u>	World Literature: The 19th through 21st Centuries	4.00
<u>ENG-116</u>	Introduction to Literature: Comics	4.00
<u>ENG-121</u>	Mystery Fiction	4.00
<u>ENG-194</u>	Introduction to Film	4.00
<u>ENG-195</u>	American Film	4.00
<u>ENG-250</u>	Greek Mythology	4.00
<u>ENG-213</u>	U.S. Latinx Literature	4.00
<u>ENG-218</u>	Arthurian Literature	4.00
<u>ENG-226</u>	Popular Literature	4.00
<u>ENG-241</u>	Norse Mythology	4.00
<u>ENG-251</u>	Celtic Mythology	4.00
<u>ENG-261</u>	Literature of Science Fiction	4.00
<u>ENG-270</u>	Introduction to Literary Criticism	4.00

<u>ENG-272</u>	World Literature: Early Middle Ages through the 18th Century	4.00
<u>ENG-295</u>	Revolutionary Film	4.00
<u>ENG-296</u>	Adaptation: Literature Into Film	4.00
<u>HST-101</u>	History of Western Civilization	4.00
<u>HST-102</u>	History of Western Civilization	4.00
<u>HST-103</u>	History of Western Civilization	4.00
<u>HST-201</u>	United States History I	4.00
<u>HST-202</u>	United States History II	4.00
<u>HST-203</u>	United States History III	4.00
<u>HST-201Z</u>	<u>Course HST-201Z Not Found</u>	<u>4.00</u>
<u>HST-202Z</u>	<u>Course HST-202Z Not Found</u>	<u>4.00</u>
<u>HST-203Z</u>	<u>Course HST-203Z Not Found</u>	<u>4.00</u>
<u>J-211</u>	Mass Media & Society	4.00
<u>J-216</u>	Writing for Media	4.00
<u>MUS-111</u>	Music Theory I	3.00
<u>MUS-112</u>	Music Theory I	3.00
<u>MUS-113</u>	Music Theory I	3.00
<u>MUS-205</u>	Music Literature: History of Jazz	4.00
<u>MUS-206</u>	Music Literature: History of Rock	4.00
<u>MUS-211</u>	Music Theory II	3.00
<u>MUS-212</u>	Music Theory II	3.00
<u>MUS-213</u>	Music Theory II	3.00
<u>PHL-101</u>	Philosophical Problems	4.00
<u>PHL-102</u>	Ethics	4.00
<u>PHL-205</u>	Moral Issues	4.00
<u>PHL-210</u>	Philosophy of Religion	4.00
<u>R-101</u>	Judaism and Foundations of Religion	4.00
<u>R-204</u>	History of Christianity	4.00
<u>R-211</u>	History of the Old Testament	4.00

<u>R-212</u>	History of the New Testament	4.00
<u>TA-101</u>	Appreciation of Theatre	4.00
<u>TA-102</u>	Appreciation of Theatre	4.00
<u>TA-103</u>	Appreciation of Theatre	4.00
<u>TA-111</u>	Fundamentals of Technical Theatre	4.00
<u>TA-143</u>	Acting III	4.00
<u>TA-153</u>	Theatre Rehearsal & Performance	3.00
<u>WR-220</u>	Creative Writing: Comics	4.00
<u>WR-240</u>	Creative Nonfiction Writing I	4.00
<u>WR-241</u>	Fiction Writing I	4.00
<u>WR-242</u>	Poetry Writing I	4.00
<u>WR-243</u>	Playwriting I	4.00
<u>WR-244</u>	Fiction Writing II	4.00
<u>WR-247</u>	Playwriting II	4.00
<u>WR-262</u>	Introduction to Screenwriting	4.00
<u>WR-265</u>	Digital Storytelling	4.00
<u>WR-270</u>	Creative Nonfiction Writing II: Food Writing	4.00

Basic Science Electives

<u>BI-101</u>	General Biology; Cellular Biology	4.00
<u>BI-103</u>	General Biology; Plants & The Ecosystem	4.00
<u>GS-107</u>	Astronomy	4.00

Difference, Power, and Oppression Foundation Electives

<u>ED-258</u>	Culturally Responsive Education	3.00
<u>ES-211</u>	Introduction to Latino/a/x Studies	4.00
<u>ES-221</u>	Introduction to Black Studies	4.00

Reviewer
Comments

Program Change Request

Date Submitted: 03/18/26 12:22 pm

Viewing: **AS.OSUBIOLENGR : AS, Biological Engineering, OSU**

Last approved: 02/06/26 8:35 am

Last edit: 03/18/26 12:22 pm

Changes proposed by: Megan Feagles (megan.feagles)

Catalog Pages Using this Program
[Biological Engineering Emphasis, AS - with Oregon State University](#)

Change Type

Program Contact Information

Are you the Faculty Contact Person?

In Workflow

1. Curriculum Office
2. DASC Dean
3. Curriculum Committee Approval

Approval Path

1. 03/23/26 9:26 am
Megan Feagles (megan.feagles):
Approved for Curriculum Office
2. 03/23/26 10:34 am
Anne-Mary Nash-Haruna (annemary.nashharu)
Approved for DASC Dean

History

1. Oct 6, 2022 by clmig-kxayasene
2. Nov 28, 2022 by Megan Feagles (megan.feagles)
3. Apr 18, 2023 by Megan Feagles (megan.feagles)
4. Jun 5, 2023 by Megan Feagles (megan.feagles)
5. Dec 1, 2023 by Eric Lee (elee)
6. Feb 16, 2024 by Eric Lee (elee)

7. Mar 11, 2024 by Megan Feagles (megan.feagles)
8. Mar 15, 2024 by Megan Feagles (megan.feagles)
9. Apr 5, 2024 by Megan Feagles (megan.feagles)
10. Apr 4, 2025 by Megan Feagles (megan.feagles)
11. May 3, 2025 by Megan Feagles (megan.feagles)
12. Nov 21, 2025 by Eric Lee (elee)
13. Feb 6, 2026 by Megan Feagles (megan.feagles)

Program Overview

Name of Proposed Program

AS, Biological Engineering, OSU

Program Code AS.OSUBIOLENGR

Award (CCWD)

Associate of Science (90-108 credits) (AS)

Type of Program Associate of Science (AS)
(CCC)

Educational Focus Science, Technology, Engineering and Math
Area (STEM)

Effective Catalog 2026-2027
Edition

Career Area Industrial and Engineering Systems

Department Engineering Sciences

Division Arts and Sciences

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	Outcome(s)
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2	employ mathematics, science, and computing techniques in a systematic and rigorous manner to support the study and solution of engineering problems;
3	conduct and document laboratory experiments in the sciences and engineering, effectively communicating determined quantitative relationships using both graphs and equations;
4	exhibit good teamwork skills and serve as effective members of laboratory and project teams;
5	articulate and justify graphical, numerical, and analytical solutions to an audience through oral and written communication.

Proposed Curriculum

Plan of Study Grid

First Year

Fall Term		Credits
COMM-111Z	Public Speaking	4.00
ENGR-111	Introduction to Engineering	3.00
MTH-251Z	Differential Calculus	4.00
WR-121Z	Composition I	4.00
	Credits	15

Winter Term

CH-221	General Chemistry	5.00
CH-221Z	General Chemistry I	5.00
& CH-227Z	and General Chemistry I Laboratory	
ENGR-112	Engineering Programming	3.00
MTH-252Z	Integral Calculus	4.00
Arts and Humanities (Global) Electives		4.00

	Credits	16
Spring Term		
CH-222	General Chemistry	5.00
<u>CH-222Z</u>	<u>General Chemistry II</u>	<u>5.00</u>
<u>& CH-228Z</u>	<u>and General Chemistry II Laboratory</u>	
<u>MTH-254</u>	Vector Calculus	5.00
<u>WR-227Z</u>	Technical Writing	4.00
	Credits	14
Summer Term		
CH-223	General Chemistry	5.00
<u>CH-223Z</u>	<u>General Chemistry III</u>	<u>5.00</u>
<u>& CH-229Z</u>	<u>and General Chemistry III Laboratory</u>	
<u>MTH-256</u>	Differential Equations	4.00
	Credits	9
Second Year		
Fall Term		
<u>CH-241</u>	Organic Chemistry I	5.00
<u>ENGR-211</u>	Statics	4.00
<u>PH-211</u>	General Physics With Calculus	5.00
	Credits	14
Winter Term		
<u>CH-242</u>	Organic Chemistry II	5.00
<u>CS-161</u>	Computer Science I	4.00
<u>PH-212</u>	General Physics With Calculus	5.00
<u>Social Science Electives</u>		3.00-4.00
	Credits	17-18
Spring Term		
<u>CH-243</u>	Organic Chemistry III	5.00
<u>ENGR-201</u>	Electrical Fundamentals	4.00
<u>PH-213</u>	General Physics With Calculus	5.00
<u>Arts and Humanities (General) Electives</u>		3.00-4.00
	Credits	17-18
	Total Credits	102-104

Arts and Humanities (General) Electives

<u>ART-101</u>	Art Appreciation	3.00
<u>ART-204</u>	History of Art/Ancient Through Medieval	4.00
<u>ART-205</u>	History of Art/Romanesque Through Baroque	4.00
<u>ART-206</u>	History of Art/Enlightenment Through Contemporary	4.00

<u>ART-232</u>	Life Drawing (Figure Emphasis)	4.00
<u>ART-233</u>	Drawing for Comics	4.00
<u>ART-250</u>	Ceramics/Beginning	4.00
<u>ART-252</u>	Ceramics/Wheel-Throwing I	4.00
<u>ART-253</u>	Ceramics/Intermediate	4.00
<u>ART-255</u>	Ceramics/Wheel-Throwing II	4.00
<u>ART-257</u>	Metalsmithing/Jewelry	4.00
<u>ART-282</u>	Painting: The Figure/Beginning	4.00
<u>ART-283</u>	Painting: Landscapes/Beginning	4.00
<u>ART-284</u>	Painting: Still Life/Intermediate	4.00
<u>ART-285</u>	Painting: The Figure/Intermediate	4.00
<u>ART-286</u>	Painting: Landscapes/Intermediate	4.00
<u>ART-292</u>	Sculpture (Figure Emphasis)	4.00
<u>ART-293</u>	Sculpture (Metal Emphasis)	4.00
<u>COMM-126</u>	Intro to Communication, Gender, and Sexuality	4.00
<u>COMM-140</u>	Introduction to Intercultural Communication	4.00
<u>COMM-219</u>	Small Group Discussion	4.00
<u>COMM-227</u>	Nonverbal Communication	4.00
<u>ENG-104Z</u>	Introduction to Fiction	4.00
<u>ENG-108</u>	World Literature: Early Middle Ages through the 18th Century	4.00
<u>ENG-109</u>	World Literature: The 19th through 21st Centuries	4.00
<u>ENG-116</u>	Introduction to Literature: Comics	4.00
<u>ENG-121</u>	Mystery Fiction	4.00
<u>ENG-194</u>	Introduction to Film	4.00
<u>ENG-195</u>	American Film	4.00
<u>ENG-250</u>	Greek Mythology	4.00
<u>ENG-213</u>	U.S. Latinx Literature	4.00
<u>ENG-218</u>	Arthurian Literature	4.00
<u>ENG-226</u>	Popular Literature	4.00

<u>ENG-241</u>	Norse Mythology	4.00
<u>ENG-251</u>	Celtic Mythology	4.00
<u>ENG-261</u>	Literature of Science Fiction	4.00
<u>ENG-270</u>	Introduction to Literary Criticism	4.00
<u>ENG-272</u>	World Literature: Early Middle Ages through the 18th Century	4.00
<u>ENG-295</u>	Revolutionary Film	4.00
<u>ENG-296</u>	Adaptation: Literature Into Film	4.00
<u>HST-101</u>	History of Western Civilization	4.00
<u>HST-102</u>	History of Western Civilization	4.00
<u>HST-103</u>	History of Western Civilization	4.00
<u>HST-201</u>	United States History I	4.00
<u>HST-202</u>	United States History II	4.00
<u>HST-203</u>	United States History III	4.00
<u>HST-201Z</u>	<u>Course HST-201Z Not Found</u>	<u>4.00</u>
<u>HST-202Z</u>	<u>Course HST-202Z Not Found</u>	<u>4.00</u>
<u>HST-203Z</u>	<u>Course HST-203Z Not Found</u>	<u>4.00</u>
<u>J-211</u>	Mass Media & Society	4.00
<u>J-216</u>	Writing for Media	4.00
<u>MUS-111</u>	Music Theory I	3.00
<u>MUS-112</u>	Music Theory I	3.00
<u>MUS-113</u>	Music Theory I	3.00
<u>MUS-205</u>	Music Literature: History of Jazz	4.00
<u>MUS-206</u>	Music Literature: History of Rock	4.00
<u>MUS-211</u>	Music Theory II	3.00
<u>MUS-212</u>	Music Theory II	3.00
<u>MUS-213</u>	Music Theory II	3.00
<u>PHL-101</u>	Philosophical Problems	4.00
<u>PHL-102</u>	Ethics	4.00
<u>PHL-205</u>	Moral Issues	4.00

<u>PHL-210</u>	Philosophy of Religion	4.00
<u>R-101</u>	Judaism and Foundations of Religion	4.00
<u>R-204</u>	History of Christianity	4.00
<u>R-211</u>	History of the Old Testament	4.00
<u>R-212</u>	History of the New Testament	4.00
<u>TA-101</u>	Appreciation of Theatre	4.00
<u>TA-102</u>	Appreciation of Theatre	4.00
<u>TA-103</u>	Appreciation of Theatre	4.00
<u>TA-111</u>	Fundamentals of Technical Theatre	4.00
<u>TA-143</u>	Acting III	4.00
<u>TA-153</u>	Theatre Rehearsal & Performance	3.00
<u>WR-220</u>	Creative Writing: Comics	4.00
<u>WR-240</u>	Creative Nonfiction Writing I	4.00
<u>WR-241</u>	Fiction Writing I	4.00
<u>WR-242</u>	Poetry Writing I	4.00
<u>WR-243</u>	Playwriting I	4.00
<u>WR-244</u>	Fiction Writing II	4.00
<u>WR-247</u>	Playwriting II	4.00
<u>WR-262</u>	Introduction to Screenwriting	4.00
<u>WR-265</u>	Digital Storytelling	4.00
<u>WR-270</u>	Creative Nonfiction Writing II: Food Writing	4.00

Arts and Humanities (Global) Electives

<u>ANT-103</u>	Cultural Anthropology	4.00
<u>ENG-252</u>	Hindu Mythology	4.00
<u>ES-231</u>	Introduction to Southeast Asian and South Pacific Island Diaspora Studies	4.00
<u>GEO-110</u>	Cultural & Human Geography	4.00
<u>PHL-213</u>	Asian Philosophy	4.00
<u>R-103</u>	Asian Religions	4.00

<u>R-210</u>	World Religions	4.00
Social Science Electives		
<u>CJA-101</u>	Criminology	4.00
<u>CJA-201</u>	Juvenile Delinquency	4.00
<u>EC-200</u>	Contemporary Economic Issues	4.00
<u>EC-201Z</u>	Principles of Microeconomics	4.00
<u>EC-202Z</u>	Principles of Macroeconomics	4.00
<u>ED-229</u>	Learning & Development	3.00
<u>GEO-100</u>	Introduction to Physical Geography	4.00
<u>GEO-110</u>	Cultural & Human Geography	4.00
<u>GEO-130</u>	Introduction to Environmental Geography	4.00
<u>GEO-208</u>	Geography of the United States & Canada	4.00
<u>HDF-140</u>	Contemporary American Families	3.00
<u>HST-131</u>	History of Crime & Punishment in Western Civilization	4.00
<u>HST-132</u>	History of Language and the Written Word in Western Civilization	4.00
<u>HST-136</u>	History of Popular Culture, Entertainment & Sports in Western Civilization	4.00
<u>HST-137</u>	History of Science, Medicine, & Technology in Western Civilization	4.00
<u>PS-200</u>	Introduction to Political Science	4.00
<u>PS-201</u>	American Government and Politics	4.00
<u>PS-205</u>	International Relations	4.00
<u>PS-225</u>	Introduction to Political Ideologies	4.00
<u>PS-297</u>	Introduction to Environmental Politics	4.00
<u>PSY-201Z</u>	Introduction to Psychology I	4.00
<u>PSY-202Z</u>	Introduction to Psychology II	4.00
<u>PSY-215</u>	Introduction to Developmental Psychology	4.00
<u>PSY-219</u>	Introduction to Psychological Disorders	4.00
<u>PSY-231</u>	Introduction to Human Sexuality	4.00
<u>SOC-204Z</u>	Introduction to Sociology	4.00

<u>SOC-210</u>	Marriage, Family, & Intimate Relations	4.00
<u>SSC-235</u>	Perspectives on Terrorism	4.00
<u>WS-101</u>	Introduction to Women's Studies	4.00

Optional

While not required for the AS degree, students may complete additional coursework at CCC that will meet requirements for the Bachelor of Science degree at Oregon State University. The Bachelor of Science degree requires the completion of one course from the category below.

Difference, Power, and Oppression Foundation Electives

<u>ED-258</u>	Culturally Responsive Education	3.00
<u>ES-211</u>	Introduction to Latino/a/x Studies	4.00
<u>ES-221</u>	Introduction to Black Studies	4.00

Reviewer

Comments

Program Change Request

Date Submitted: 03/30/26 1:43 pm

Viewing: **AS.OSUBIOLOGY : AS, Biology, OSU**

Last approved: 06/06/25 8:33 am

Last edit: 03/30/26 1:43 pm

Changes proposed by: Megan Feagles (megan.feagles)

Catalog Pages Using
this Program

[Biology Emphasis, AS - with Oregon State University](#)

Change Type

Program Contact Information

Are you the Faculty Contact Person?

In Workflow

1. Curriculum Office
2. DASC Dean
3. Curriculum Committee Approval

Approval Path

1. 03/30/26 1:46 pm
Megan Feagles (megan.feagles):
Approved for Curriculum Office
2. 03/30/26 3:01 pm
Anne-Mary Nash-Haruna
(annemary.nashharu)
Approved for DASC Dean

History

1. Oct 6, 2022 by clmig-kxayasene
2. Apr 18, 2023 by Megan Feagles (megan.feagles)
3. Apr 18, 2023 by Megan Feagles (megan.feagles)
4. Jun 5, 2023 by Megan Feagles (megan.feagles)
5. Mar 11, 2024 by Megan Feagles (megan.feagles)

6. Mar 15, 2024 by Megan Feagles (megan.feagles)
7. Apr 5, 2024 by Megan Feagles (megan.feagles)
8. Jun 5, 2024 by Megan Feagles (megan.feagles)
9. Nov 19, 2024 by Megan Feagles (megan.feagles)
10. Apr 4, 2025 by Megan Feagles (megan.feagles)
11. May 3, 2025 by Megan Feagles (megan.feagles)
12. Jun 6, 2025 by Megan Feagles (megan.feagles)

Program Overview

Name of Proposed Program

AS, Biology, OSU

Program Code AS.OSUBIOLOGY

Award (CCWD)

Associate of Science (90-108 credits) (AS)

Type of Program Associate of Science (AS)
(CCC)

Educational Focus Science, Technology, Engineering and Math
Area (STEM)

Effective Catalog Edition 2026-2027

Career Area Agriculture, Food & Natural Resources
Systems

Department	Science
Division	Arts and Sciences
Other locations (institutions) this Program will be offered	
CIP Code	26.0101 - Biology/Biological Sciences, General.

Program Award Information

Program Learning Outcomes (PLOs)

Upon successful completion of this program, students should be able to:

	Outcome(s)
1	communicate complex ideas by demonstrating an ability to gather and analyze data, construct evidence-based arguments and critically evaluate information;
2	be able to apply critical thinking to address biological phenomena using scientific processes;
3	demonstrate an understanding of the complexity and diversity of life;
4	analyze and construct relationships between human activities and the environment;
5	recognize the contributions of scientific knowledge in contributing to technological advances and advancing the human condition.

Proposed Curriculum

Plan of Study Grid

First Year

Fall Term		Credits
<u>BI-221Z</u>	Principles of Biology: Cells	5.00
<u>CH-221</u>	General Chemistry	5.00
<u>CH-221Z</u>	<u>General Chemistry I</u>	<u>5.00</u>
<u>& CH-227Z</u>	<u>and General Chemistry I Laboratory</u>	
<u>PE-185</u>	Physical Education	1.00
<u>WR-121Z</u>	Composition I	4.00
	Credits	15
Winter Term		
<u>BI-222Z</u>	Principles of Biology: Organisms	5.00

<u>CH-222</u>	<u>General Chemistry</u>	<u>5.00</u>
<u>CH-222Z</u>	<u>General Chemistry II</u>	<u>5.00</u>
<u>& CH-228Z</u>	<u>and General Chemistry II Laboratory</u>	
<u>MTH-251Z</u>	Differential Calculus	4.00
	Credits	14
Spring Term		
<u>BI-223Z</u>	Principles of Biology: Ecology and Evolution	5.00
Select one of the following:		4.00
<u>COMM-111Z</u>	Public Speaking	
<u>COMM-112</u>	Persuasive Speaking	
<u>COMM-218Z</u>	Interpersonal Communication	
<u>CH-223</u>	<u>General Chemistry</u>	<u>5.00</u>
<u>CH-223Z</u>	<u>General Chemistry III</u>	<u>5.00</u>
<u>& CH-229Z</u>	<u>and General Chemistry III Laboratory</u>	
	Credits	14
Second Year		
Fall Term		
<u>CH-241</u>	Organic Chemistry I ¹	5.00
<u>PH-201</u>	General Physics	5.00
	or <u>PH-211</u> or General Physics With Calculus	
<u>WR-122Z</u>	Composition II	4.00
	or <u>WR-227Z</u> or Technical Writing	
<u>Electives</u>		3.00-5.00
	Credits	17-19
Winter Term		
<u>CH-242</u>	Organic Chemistry II ¹	5.00
<u>MTH-252Z</u>	Integral Calculus	4.00
<u>PH-202</u>	General Physics	5.00
	or <u>PH-212</u> or General Physics With Calculus	
	Credits	14
Spring Term		
<u>CH-243</u>	Organic Chemistry III ¹	5.00
<u>HPE-295</u>	Health & Fitness for Life	3.00
<u>PH-203</u>	General Physics	5.00
	or <u>PH-213</u> or General Physics With Calculus	
<u>Electives</u>		3.00-5.00
	Credits	16-18
	Total Credits	90-94

1

Organic Chemistry —satisfies degree requirement but does not transfer at 300 level credits unless student passes the American Chemical Society (ACS) organic exam. OSU highly recommends taking the ACS organic exam. Transfers as a combination of CH-331, CH-332, & CH-337

Electives

<u>ANT-101</u>	Biological Anthropology	4.00
<u>ANT-102</u>	Archaeology & Prehistory	4.00
<u>ANT-103</u>	Cultural Anthropology	4.00
<u>ANT-232</u>	Native Americans of North America	4.00
<u>ART-101</u>	Art Appreciation	3.00
<u>ART-204</u>	History of Art/Ancient Through Medieval	4.00
<u>ART-205</u>	History of Art/Romanesque Through Baroque	4.00
<u>ART-206</u>	History of Art/Enlightenment Through Contemporary	4.00
<u>ASC-175</u>	Integrated Science Inquiry	4.00
<u>ASC-176</u>	Integrated Science Inquiry	4.00
<u>ASC-177</u>	Integrated Science Inquiry	4.00
<u>BI-101</u>	General Biology; Cellular Biology	4.00
<u>BI-102</u>	General Biology; Animal Systems	4.00
<u>BI-103</u>	General Biology; Plants & The Ecosystem	4.00
<u>BI-175</u>	Integrated Science Inquiry	4.00
<u>BI-176</u>	Integrated Science Inquiry	4.00
<u>BI-177</u>	Integrated Science Inquiry	4.00
<u>BI-204</u>	Elementary Microbiology	4.00
<u>BI-215</u>	General Zoology	4.00
<u>BI-216</u>	General Zoology	4.00
<u>BI-217</u>	General Zoology	4.00
<u>BI-221Z</u>	Principles of Biology: Cells	5.00
<u>BI-222Z</u>	Principles of Biology: Organisms	5.00
<u>BI-223Z</u>	Principles of Biology: Ecology and Evolution	5.00
<u>BI-234</u>	Introductory Microbiology	4.00
<u>CH-104</u>	Introductory Chemistry	5.00

<u>CH-104Z</u> & <u>CH-124Z</u>	<u>Course CH-104Z Not Found</u> and <u>Course CH-124Z Not Found</u>	<u>5.00</u>
<u>CH-105</u>	Introductory Chemistry	5.00
<u>CH-114</u>	Chemistry in Art	4.00
CH-221	General Chemistry	5.00
CH-222	General Chemistry	5.00
CH-223	General Chemistry	5.00
<u>CH-221Z</u> & <u>CH-227Z</u>	<u>General Chemistry I</u> and <u>General Chemistry I Laboratory</u>	<u>5.00</u>
<u>CH-222Z</u> & <u>CH-228Z</u>	<u>General Chemistry II</u> and <u>General Chemistry II Laboratory</u>	<u>5.00</u>
<u>CH-223Z</u> & <u>CH-229Z</u>	<u>General Chemistry III</u> and <u>General Chemistry III Laboratory</u>	<u>5.00</u>
<u>EC-201Z</u>	Principles of Microeconomics	4.00
<u>EC-202Z</u>	Principles of Macroeconomics	4.00
<u>ENG-104Z</u>	Introduction to Fiction	4.00
<u>ENG-105Z</u>	Introduction to Drama	4.00
<u>ENG-106Z</u>	Introduction to Poetry	4.00
<u>ENG-107</u>	World Literature: Ancient Through Classical Times	4.00
<u>ENG-108</u>	World Literature: Early Middle Ages through the 18th Century	4.00
<u>ENG-109</u>	World Literature: The 19th through 21st Centuries	4.00
<u>ENG-194</u>	Introduction to Film	4.00
<u>ENG-201</u>	Shakespeare	4.00
<u>ENG-202</u>	Shakespeare	4.00
<u>ENG-204</u>	British Literature: Ancient to Enlightenment	4.00
<u>ENG-205</u>	British Literature: Romantic to Contemporary	4.00
<u>ENG-213</u>	U.S. Latinx Literature	4.00
<u>ENG-240</u>	Native American Mythology	4.00
<u>ENG-241</u>	Norse Mythology	4.00
<u>ENG-250</u>	Greek Mythology	4.00

<u>ENG-251</u>	Celtic Mythology	4.00
<u>ENG-252</u>	Hindu Mythology	4.00
<u>ENG-253</u>	American Literature: Pre-Columbian to Civil War	4.00
<u>ENG-254</u>	American Literature: 1865 to Present	4.00
<u>ENG-255</u>	American Literature: Topics in American Literature	4.00
<u>ESR-171</u>	Introduction to Environmental Science	4.00
<u>ESR-172</u>	Introduction to Climate Change	4.00
<u>ESR-173</u>	Introduction to Sustainability	4.00
<u>G-101</u>	General Geology	4.00
<u>G-102</u>	General Geology	4.00
<u>G-103</u>	General Geology	4.00
<u>G-201</u>	General Geology	4.00
<u>G-202</u>	General Geology	4.00
<u>G-203</u>	General Geology	4.00
<u>GEO-100</u>	Introduction to Physical Geography	4.00
<u>GEO-110</u>	Cultural & Human Geography	4.00
<u>GEO-130</u>	Introduction to Environmental Geography	4.00
<u>GEO-208</u>	Geography of the United States & Canada	4.00
<u>GS-104</u>	Earth System Science	4.00
<u>GS-105</u>	Earth System Science	4.00
<u>GS-106</u>	Earth System Science	4.00
<u>GS-107</u>	Astronomy	4.00
<u>HST-101</u>	History of Western Civilization	4.00
<u>HST-102</u>	History of Western Civilization	4.00
<u>HST-103</u>	History of Western Civilization	4.00
<u>HST-201</u>	United States History I	4.00
<u>HST-202</u>	United States History II	4.00
<u>HST-203</u>	United States History III	4.00
<u>HST-201Z</u>	<u>Course HST-201Z Not Found</u>	<u>4.00</u>

<u>HST-202Z</u>	<u>Course HST-202Z Not Found</u>	<u>4.00</u>
<u>HST-203Z</u>	<u>Course HST-203Z Not Found</u>	<u>4.00</u>
<u>MUS-206</u>	Music Literature: History of Rock	4.00
<u>PH-121</u>	Astronomy	4.00
<u>PH-122</u>	General Astronomy	4.00
<u>PH-123</u>	General Astronomy	4.00
<u>PH-201</u>	General Physics	5.00
<u>PH-202</u>	General Physics	5.00
<u>PH-203</u>	General Physics	5.00
<u>PH-211</u>	General Physics With Calculus	5.00
<u>PH-212</u>	General Physics With Calculus	5.00
<u>PH-213</u>	General Physics With Calculus	5.00
<u>PHL-102</u>	Ethics	4.00
<u>PS-200</u>	Introduction to Political Science	4.00
<u>PS-201</u>	American Government and Politics	4.00
<u>PS-203</u>	State and Local Governments	4.00
<u>PS-204</u>	Introduction to Comparative Politics	4.00
<u>PS-205</u>	International Relations	4.00
<u>PS-225</u>	Introduction to Political Ideologies	4.00
<u>PSY-201Z</u>	Introduction to Psychology I	4.00
<u>PSY-202Z</u>	Introduction to Psychology II	4.00
<u>PSY-219</u>	Introduction to Psychological Disorders	4.00
<u>PSY-231</u>	Introduction to Human Sexuality	4.00
<u>R-101</u>	Judaism and Foundations of Religion	4.00
<u>R-102</u>	Christianity and Islam	4.00
<u>R-103</u>	Asian Religions	4.00
<u>R-204</u>	History of Christianity	4.00
<u>R-210</u>	World Religions	4.00
<u>SOC-204Z</u>	Introduction to Sociology	4.00

<u>SOC-205Z</u>	Social Change and Institutions	4.00
<u>SOC-206Z</u>	Social Problems	4.00
<u>SOC-207</u>	Social Stratification & Social Systems	4.00
<u>Z-201</u>	General Zoology	4.00
<u>Z-202</u>	General Zoology	4.00
<u>Z-203</u>	General Zoology	4.00

Reviewer
Comments

Program Change Request

Date Submitted: 03/18/26 12:15 pm

Viewing: **AS.PSUBIOLOGY : AS, Biology, PSU**

Last approved: 10/27/25 7:06 am

Last edit: 03/18/26 12:15 pm

Changes proposed by: Megan Feagles (megan.feagles)

Catalog Pages Using
this Program

[Biology Emphasis, AS - with Portland State University](#)

Change Type

Program Contact Information

Are you the Faculty Contact Person?

In Workflow

1. Curriculum Office
2. DASC Dean
3. Curriculum Committee Approval

Approval Path

1. 03/23/26 9:28 am
Megan Feagles (megan.feagles):
Approved for Curriculum Office
2. 03/23/26 10:37 am
Anne-Mary Nash-Haruna
(annemary.nashharu)
Approved for DASC Dean

History

1. Oct 6, 2022 by clmig-kxayasene
2. Apr 18, 2023 by Megan Feagles (megan.feagles)
3. Jun 5, 2023 by Megan Feagles (megan.feagles)
4. Oct 30, 2023 by Megan Feagles (megan.feagles)
5. Mar 11, 2024 by Megan Feagles (megan.feagles)

6. Mar 12, 2024 by Megan Feagles (megan.feagles)
7. Mar 22, 2024 by Megan Feagles (megan.feagles)
8. Jun 5, 2024 by Megan Feagles (megan.feagles)
9. Nov 19, 2024 by Megan Feagles (megan.feagles)
10. Apr 4, 2025 by Megan Feagles (megan.feagles)
11. Oct 27, 2025 by Megan Feagles (megan.feagles)

Program Overview

Name of Proposed Program

AS, Biology, PSU

Program Code AS.PSUBIOLOGY

Award (CCWD)

Associate of Science (90-108 credits) (AS)

Type of Program Associate of Science (AS)
(CCC)

Educational Focus Science, Technology, Engineering and Math
Area (STEM)

Effective Catalog 2026-2027
Edition

Career Area Agriculture, Food & Natural Resources
Systems

Department Science

Division Arts and Sciences

Other locations (institutions) this Program will be offered

CIP Code 26.0101 - Biology/Biological Sciences,
General.

Program Award Information

Program Learning Outcomes (PLOs)

Upon successful completion of this program, students should be able to:

	Outcome(s)
1	communicate complex ideas by demonstrating an ability to gather and analyze data, construct evidence-based arguments and critically evaluate information;
2	be able to apply critical thinking to address biological phenomena using scientific processes;
3	demonstrate an understanding of the complexity and diversity of life;
4	analyze and construct relationships between human activities and the environment;
5	recognize the contributions of scientific knowledge in contributing to technological advances and advancing the human condition.

Proposed Curriculum

Plan of Study Grid

First Year

Fall Term		Credits
<u>BI-221Z</u>	Principles of Biology: Cells	5.00
<u>CH-221</u>	General Chemistry	5.00
<u>CH-221Z</u>	<u>General Chemistry I</u>	<u>5.00</u>
<u>& CH-227Z</u>	<u>and General Chemistry I Laboratory</u>	
<u>WR-121Z</u>	Composition I	4.00
	Credits	14

Winter Term

<u>BI-222Z</u>	Principles of Biology: Organisms	5.00
<u>CH-222</u>	General Chemistry	5.00
<u>CH-222Z</u>	<u>General Chemistry II</u>	<u>5.00</u>
<u>& CH-228Z</u>	<u>and General Chemistry II Laboratory</u>	
<u>WR-122Z</u>	Composition II	4.00
or <u>WR-227Z</u>	or Technical Writing	

<u>Core Electives</u>		4.00
	Credits	18
Spring Term		
<u>BI-223Z</u>	Principles of Biology: Ecology and Evolution	5.00
<u>CH-223</u>	General Chemistry	5.00
<u>CH-223Z</u>	<u>General Chemistry III</u>	<u>5.00</u>
<u>& CH-229Z</u>	<u>and General Chemistry III Laboratory</u>	
<u>COMM-111Z</u>	Public Speaking	4.00
or <u>COMM-140</u>	or Introduction to Intercultural Communication	
	Credits	14
Second Year		
Fall Term		
<u>CH-241</u>	Organic Chemistry I	5.00
<u>STAT-243Z</u>	Elementary Statistics I	4.00
or <u>MTH-251Z</u>	or Differential Calculus	
<u>PH-201</u>	General Physics	5.00
<u>Core Electives</u>		3.00
	Credits	17
Winter Term		
<u>CH-242</u>	Organic Chemistry II	5.00
<u>MTH-244</u>	Statistics II	4.00
or <u>MTH-252Z</u>	or Integral Calculus	
<u>Core Electives</u>		3.00
	Credits	12
Spring Term		
Select one of the following:		5.00-7.00
<u>CH-243</u>	Organic Chemistry III	
<u>Science Electives</u>		
<u>General Education Science Electives</u>		4.00-5.00
<u>Core Electives</u>		6.00
	Credits	15-18
	Total Credits	90-93

Core Electives

Any General Education course in the respective distribution areas of Arts & Letters or Social Sciences listed in the [AAOT](#)

Science Electives

Minimum 14 science elective credits

<u>CH-242</u>	Organic Chemistry II (Recommended)	5.00
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CH-243	Organic Chemistry III (Recommended)	5.00
G-201	General Geology	4.00
G-202	General Geology	4.00
G-203	General Geology	4.00
PH-202	General Physics	5.00
PH-203	General Physics	5.00

General Education Science Electives

Any general education science course in [ASC](#), [BI](#), [CH](#), [ESR](#), [G](#), [GS](#), [PH](#), [Z](#)

Reviewer

Comments

Program Change Request

Date Submitted: 03/18/26 12:08 pm

Viewing: **AS.UOBIOLOGY : AS, Biology, UofO**

Last approved: 04/04/25 8:42 am

Last edit: 03/18/26 12:08 pm

Changes proposed by: Megan Feagles (megan.feagles)

Catalog Pages Using
this Program

[Biology Emphasis, AS - with University of Oregon](#)

Change Type

Program Contact Information

Are you the Faculty Contact Person?

In Workflow

1. Curriculum Office
2. DASC Dean
3. Curriculum Committee Approval

Approval Path

1. 03/23/26 9:30 am
Megan Feagles
(megan.feagles):
Approved for
Curriculum Office
2. 03/23/26 9:34 am
Anne-Mary Nash-
Haruna
(annemary.nashharu)
Approved for DASC
Dean

History

1. Oct 6, 2022 by
clmig-kxayasene
2. Apr 18, 2023 by
Megan Feagles
(megan.feagles)
3. Jun 5, 2023 by
Megan Feagles
(megan.feagles)
4. Mar 11, 2024 by
Megan Feagles
(megan.feagles)
5. Mar 11, 2024 by
Megan Feagles
(megan.feagles)

6. Mar 26, 2024 by Megan Feagles (megan.feagles)
7. Nov 19, 2024 by Megan Feagles (megan.feagles)
8. Apr 4, 2025 by Megan Feagles (megan.feagles)

Program Overview

Name of Proposed Program

AS, Biology, UofO

Program Code AS.UOBIOLOGY

Award (CCWD)

Associate of Science (90-108 credits) (AS)

Type of Program Associate of Science (AS)
(CCC)

Educational Focus Science, Technology, Engineering and Math
Area (STEM)

Effective Catalog 2026-2027
Edition

Career Area Agriculture, Food & Natural Resources
Systems

Department Science

Division Arts and Sciences

Other locations (institutions) this Program will be offered

CIP Code 26.0101 - Biology/Biological Sciences,
General.

Program Award Information

Program Learning Outcomes (PLOs)

Upon successful completion of this program, students should be able to:

	Outcome(s)
1	communicate complex ideas by demonstrating an ability to gather and analyze data, construct evidence-based arguments and critically evaluate information;
2	be able to apply critical thinking to address biological phenomena using scientific processes;
3	demonstrate an understanding of the complexity and diversity of life;
4	analyze and construct relationships between human activities and the environment;
5	recognize the contributions of scientific knowledge in contributing to technological advances and advancing the human condition.

Proposed Curriculum

Plan of Study Grid

First Year

Fall Term		Credits
<u>BI-221Z</u>	Principles of Biology: Cells	5.00
CH-221	General Chemistry	5.00
<u>CH-221Z</u>	<u>General Chemistry I</u>	<u>5.00</u>
<u>& CH-227Z</u>	<u>and General Chemistry I Laboratory</u>	
<u>WR-121Z</u>	Composition I	4.00
	Credits	14

Winter Term

<u>BI-222Z</u>	Principles of Biology: Organisms	5.00
CH-222	General Chemistry	5.00
<u>CH-222Z</u>	<u>General Chemistry II</u>	<u>5.00</u>
<u>& CH-228Z</u>	<u>and General Chemistry II Laboratory</u>	
<u>WR-122Z</u>	Composition II	4.00
	Credits	14

Spring Term

<u>BI-223Z</u>	Principles of Biology: Ecology and Evolution	5.00
CH-223	General Chemistry	5.00
<u>CH-223Z</u>	<u>General Chemistry III</u>	<u>5.00</u>
<u>& CH-229Z</u>	<u>and General Chemistry III Laboratory</u>	
<u>CS-120</u>	Survey of Computing	4.00
or <u>STAT-243Z</u>	or Elementary Statistics I	
<u>Electives</u>		4.00
	Credits	18

Second Year

Fall Term

CH-241	Organic Chemistry I	5.00
MTH-251Z	Differential Calculus	4.00
PH-201	General Physics	5.00
Electives		3.00
	Credits	17

Winter Term

CH-242	Organic Chemistry II	5.00
MTH-252Z	Integral Calculus	4.00
PH-202	General Physics	5.00
	Credits	14

Spring Term

CH-243	Organic Chemistry III	5.00
PH-203	General Physics	5.00
Electives		3.00
	Credits	13
	Total Credits	90

Electives

Any General Education course in the respective distribution areas of Arts & Letters or Social Sciences listed in the [AAOT](#)

Reviewer

Comments

Program Change Request

Date Submitted: 03/18/26 11:38 am

Viewing: **AS.OSUCHEMENGR : AS, Chemical Engineering, OSU**

Last approved: 02/06/26 8:35 am

Last edit: 03/18/26 11:38 am

Changes proposed by: Megan Feagles (megan.feagles)

Catalog Pages Using
this Program
[Chemical Engineering Emphasis, AS - with Oregon State University](#)

Change Type

Program Contact Information

Are you the Faculty Contact Person?

In Workflow

1. Curriculum Office
2. DASC Dean
3. Curriculum Committee Approval

Approval Path

1. 03/23/26 9:27 am
Megan Feagles (megan.feagles):
Approved for Curriculum Office
2. 03/23/26 10:34 am
Anne-Mary Nash-Haruna (annemary.nashharu)
Approved for DASC Dean

History

1. Oct 6, 2022 by clmig-kxayasene
2. Apr 18, 2023 by Megan Feagles (megan.feagles)
3. Jun 5, 2023 by Megan Feagles (megan.feagles)
4. Dec 1, 2023 by Eric Lee (elee)
5. Feb 16, 2024 by Eric Lee (elee)
6. Mar 11, 2024 by Megan Feagles (megan.feagles)

7. Mar 15, 2024 by Megan Feagles (megan.feagles)
8. Apr 5, 2024 by Megan Feagles (megan.feagles)
9. Apr 4, 2025 by Megan Feagles (megan.feagles)
10. May 3, 2025 by Megan Feagles (megan.feagles)
11. Jun 6, 2025 by Megan Feagles (megan.feagles)
12. Nov 21, 2025 by Eric Lee (elee)
13. Feb 6, 2026 by Megan Feagles (megan.feagles)

Program Overview

Name of Proposed Program

AS, Chemical Engineering, OSU

Program Code AS.OSUCHEMENGR

Award (CCWD)

Associate of Science (90-108 credits) (AS)

Type of Program Associate of Science (AS)
(CCC)

Educational Focus Science, Technology, Engineering and Math
Area (STEM)

Effective Catalog 2026-2027
Edition

Career Area Industrial and Engineering Systems

Department Engineering Sciences

Division Arts and Sciences

Other locations (institutions) this Program will be offered

CIP Code 14.0101 - Engineering, General.

Program Award Information

Program Learning Outcomes (PLOs)

Upon successful completion of this program, students should be able to:

	Outcome(s)
1	apply the fundamental elements of engineering design;
2	employ mathematics, science, and computing techniques in a systematic and rigorous manner to support the study and solution of engineering problems;
3	conduct and document laboratory experiments in the sciences and engineering, effectively communicating determined quantitative relationships using both graphs and equations;
4	exhibit good teamwork skills and serve as effective members of laboratory and project teams;
5	articulate and justify graphical, numerical, and analytical solutions to an audience through oral and written communication.

Proposed Curriculum

Plan of Study Grid

First Year

Fall Term		Credits
COMM-111Z	Public Speaking	4.00
ENGR-111	Introduction to Engineering	3.00
MTH-251Z	Differential Calculus	4.00
WR-121Z	Composition I	4.00
	Credits	15

Winter Term

CH-221	General Chemistry	5.00
CH-221Z	General Chemistry I	5.00
& CH-227Z	and General Chemistry I Laboratory	
ENGR-112	Engineering Programming	3.00
MTH-252Z	Integral Calculus	4.00
WR-227Z	Technical Writing	4.00

	Credits	16
Spring Term		
CH-222	General Chemistry	5.00
CH-222Z	General Chemistry II	<u>5.00</u>
	& CH-228Z and General Chemistry II Laboratory	
MTH-254	Vector Calculus	5.00
	Arts and Humanities (Global) Electives	4.00
	Credits	14
Summer Term		
CH-223	General Chemistry	5.00
CH-223Z	General Chemistry III	<u>5.00</u>
	& CH-229Z and General Chemistry III Laboratory	
MTH-256	Differential Equations	4.00
	Credits	9
Second Year		
Fall Term		
CH-241	Organic Chemistry I	5.00
CS-161	Computer Science I	4.00
PH-211	General Physics With Calculus	5.00
	Credits	14
Winter Term		
BI-204	Elementary Microbiology	4.00-5.00
	or BI-221Z or Principles of Biology: Cells	
CH-242	Organic Chemistry II	5.00
PH-212	General Physics With Calculus	5.00
	Arts and Humanities (General) Electives	3.00-4.00
	Credits	17-19
Spring Term		
CH-243	Organic Chemistry III	5.00
ENGR-201	Electrical Fundamentals	4.00
PH-213	General Physics With Calculus	5.00
	Social Science Electives	3.00-4.00
	Credits	17-18
	Total Credits	102-105

Arts and Humanities (General) Electives

ART-101	Art Appreciation	3.00
ART-204	History of Art/Ancient Through Medieval	4.00
ART-205	History of Art/Romanesque Through Baroque	4.00

<u>ART-206</u>	History of Art/Enlightenment Through Contemporary	4.00
<u>ART-232</u>	Life Drawing (Figure Emphasis)	4.00
<u>ART-233</u>	Drawing for Comics	4.00
<u>ART-250</u>	Ceramics/Beginning	4.00
<u>ART-252</u>	Ceramics/Wheel-Throwing I	4.00
<u>ART-253</u>	Ceramics/Intermediate	4.00
<u>ART-255</u>	Ceramics/Wheel-Throwing II	4.00
<u>ART-257</u>	Metalsmithing/Jewelry	4.00
<u>ART-282</u>	Painting: The Figure/Beginning	4.00
<u>ART-283</u>	Painting: Landscapes/Beginning	4.00
<u>ART-284</u>	Painting: Still Life/Intermediate	4.00
<u>ART-285</u>	Painting: The Figure/Intermediate	4.00
<u>ART-286</u>	Painting: Landscapes/Intermediate	4.00
<u>ART-292</u>	Sculpture (Figure Emphasis)	4.00
<u>ART-293</u>	Sculpture (Metal Emphasis)	4.00
<u>COMM-126</u>	Intro to Communication, Gender, and Sexuality	4.00
<u>COMM-140</u>	Introduction to Intercultural Communication	4.00
<u>COMM-219</u>	Small Group Discussion	4.00
<u>COMM-227</u>	Nonverbal Communication	4.00
<u>ENG-104Z</u>	Introduction to Fiction	4.00
<u>ENG-108</u>	World Literature: Early Middle Ages through the 18th Century	4.00
<u>ENG-109</u>	World Literature: The 19th through 21st Centuries	4.00
<u>ENG-116</u>	Introduction to Literature: Comics	4.00
<u>ENG-121</u>	Mystery Fiction	4.00
<u>ENG-194</u>	Introduction to Film	4.00
<u>ENG-195</u>	American Film	4.00
<u>ENG-250</u>	Greek Mythology	4.00
<u>ENG-213</u>	U.S. Latinx Literature	4.00
<u>ENG-218</u>	Arthurian Literature	4.00

<u>ENG-226</u>	Popular Literature	4.00
<u>ENG-241</u>	Norse Mythology	4.00
<u>ENG-251</u>	Celtic Mythology	4.00
<u>ENG-261</u>	Literature of Science Fiction	4.00
<u>ENG-270</u>	Introduction to Literary Criticism	4.00
<u>ENG-272</u>	World Literature: Early Middle Ages through the 18th Century	4.00
<u>ENG-295</u>	Revolutionary Film	4.00
<u>ENG-296</u>	Adaptation: Literature Into Film	4.00
<u>HST-101</u>	History of Western Civilization	4.00
<u>HST-102</u>	History of Western Civilization	4.00
<u>HST-103</u>	History of Western Civilization	4.00
<u>HST-201</u>	United States History I	4.00
<u>HST-202</u>	United States History II	4.00
<u>HST-203</u>	United States History III	4.00
<u>HST-201Z</u>	<u>Course HST-201Z Not Found</u>	<u>4.00</u>
<u>HST-202Z</u>	<u>Course HST-202Z Not Found</u>	<u>4.00</u>
<u>HST-203Z</u>	<u>Course HST-203Z Not Found</u>	<u>4.00</u>
<u>J-211</u>	Mass Media & Society	4.00
<u>J-216</u>	Writing for Media	4.00
<u>MUS-111</u>	Music Theory I	3.00
<u>MUS-112</u>	Music Theory I	3.00
<u>MUS-113</u>	Music Theory I	3.00
<u>MUS-205</u>	Music Literature: History of Jazz	4.00
<u>MUS-206</u>	Music Literature: History of Rock	4.00
<u>MUS-211</u>	Music Theory II	3.00
<u>MUS-212</u>	Music Theory II	3.00
<u>MUS-213</u>	Music Theory II	3.00
<u>PHL-101</u>	Philosophical Problems	4.00
<u>PHL-102</u>	Ethics	4.00

<u>PHL-205</u>	Moral Issues	4.00
<u>PHL-210</u>	Philosophy of Religion	4.00
<u>R-101</u>	Judaism and Foundations of Religion	4.00
<u>R-204</u>	History of Christianity	4.00
<u>R-211</u>	History of the Old Testament	4.00
<u>R-212</u>	History of the New Testament	4.00
<u>TA-101</u>	Appreciation of Theatre	4.00
<u>TA-102</u>	Appreciation of Theatre	4.00
<u>TA-103</u>	Appreciation of Theatre	4.00
<u>TA-111</u>	Fundamentals of Technical Theatre	4.00
<u>TA-143</u>	Acting III	4.00
<u>TA-153</u>	Theatre Rehearsal & Performance	3.00
<u>WR-220</u>	Creative Writing: Comics	4.00
<u>WR-240</u>	Creative Nonfiction Writing I	4.00
<u>WR-241</u>	Fiction Writing I	4.00
<u>WR-242</u>	Poetry Writing I	4.00
<u>WR-243</u>	Playwriting I	4.00
<u>WR-244</u>	Fiction Writing II	4.00
<u>WR-247</u>	Playwriting II	4.00
<u>WR-262</u>	Introduction to Screenwriting	4.00
<u>WR-265</u>	Digital Storytelling	4.00
<u>WR-270</u>	Creative Nonfiction Writing II: Food Writing	4.00

Arts and Humanities (Global) Electives

<u>ANT-103</u>	Cultural Anthropology	4.00
<u>ENG-252</u>	Hindu Mythology	4.00
<u>ES-231</u>	Introduction to Southeast Asian and South Pacific Island Diaspora Studies	4.00
<u>GEO-110</u>	Cultural & Human Geography	4.00
<u>PHL-213</u>	Asian Philosophy	4.00

<u>R-103</u>	Asian Religions	4.00
<u>R-210</u>	World Religions	4.00
<h2>Social Science Electives</h2>		
<u>CJA-101</u>	Criminology	4.00
<u>CJA-201</u>	Juvenile Delinquency	4.00
<u>EC-200</u>	Contemporary Economic Issues	4.00
<u>EC-201Z</u>	Principles of Microeconomics	4.00
<u>EC-202Z</u>	Principles of Macroeconomics	4.00
<u>ED-229</u>	Learning & Development	3.00
<u>GEO-100</u>	Introduction to Physical Geography	4.00
<u>GEO-110</u>	Cultural & Human Geography	4.00
<u>GEO-130</u>	Introduction to Environmental Geography	4.00
<u>GEO-208</u>	Geography of the United States & Canada	4.00
<u>HDF-140</u>	Contemporary American Families	3.00
<u>HST-131</u>	History of Crime & Punishment in Western Civilization	4.00
<u>HST-132</u>	History of Language and the Written Word in Western Civilization	4.00
<u>HST-136</u>	History of Popular Culture, Entertainment & Sports in Western Civilization	4.00
<u>HST-137</u>	History of Science, Medicine, & Technology in Western Civilization	4.00
<u>PS-200</u>	Introduction to Political Science	4.00
<u>PS-201</u>	American Government and Politics	4.00
<u>PS-205</u>	International Relations	4.00
<u>PS-225</u>	Introduction to Political Ideologies	4.00
<u>PS-297</u>	Introduction to Environmental Politics	4.00
<u>PSY-201Z</u>	Introduction to Psychology I	4.00
<u>PSY-202Z</u>	Introduction to Psychology II	4.00
<u>PSY-215</u>	Introduction to Developmental Psychology	4.00
<u>PSY-219</u>	Introduction to Psychological Disorders	4.00
<u>PSY-231</u>	Introduction to Human Sexuality	4.00

<u>SOC-204Z</u>	Introduction to Sociology	4.00
<u>SOC-210</u>	Marriage, Family, & Intimate Relations	4.00
<u>SSC-235</u>	Perspectives on Terrorism	4.00
<u>WS-101</u>	Introduction to Women's Studies	4.00

Optional

While not required for the AS degree, students may complete additional coursework at CCC that will meet requirements for the Bachelor of Science degree at Oregon State University. The Bachelor of Science degree requires the completion of one course from the category below.

Difference, Power, and Oppression Foundation Electives

<u>ED-258</u>	Culturally Responsive Education	3.00
<u>ES-211</u>	Introduction to Latino/a/x Studies	4.00
<u>ES-221</u>	Introduction to Black Studies	4.00

Reviewer

Comments

Program Change Request

Date Submitted: 03/18/26 11:36 am

Viewing: **AS.OSUCIVILENGR : AS, Civil Engineering,**
OSU

Last approved: 02/06/26 8:35 am

Last edit: 03/18/26 11:35 am

Changes proposed by: Megan Feagles (megan.feagles)

Catalog Pages Using
this Program

[Civil Engineering Emphasis, AS - with Oregon State University](#)

Change Type

Program Contact Information

Are you the Faculty Contact Person?

In Workflow

1. Curriculum Office
2. DASC Dean
3. Curriculum Committee Approval

Approval Path

1. 03/23/26 9:27 am
Megan Feagles (megan.feagles):
Approved for
Curriculum Office
2. 03/23/26 10:34 am
Anne-Mary Nash-Haruna
(annemary.nashharu)
Approved for DASC
Dean

History

1. Oct 6, 2022 by
clmig-kxayasene
2. Nov 28, 2022 by
Megan Feagles
(megan.feagles)
3. Apr 18, 2023 by
Megan Feagles
(megan.feagles)
4. Jun 5, 2023 by
Megan Feagles
(megan.feagles)
5. Dec 1, 2023 by Eric
Lee (elee)
6. Feb 16, 2024 by Eric
Lee (elee)

7. Mar 11, 2024 by Megan Feagles (megan.feagles)
8. Mar 18, 2024 by Megan Feagles (megan.feagles)
9. Apr 5, 2024 by Megan Feagles (megan.feagles)
10. Apr 4, 2025 by Megan Feagles (megan.feagles)
11. Jun 6, 2025 by Eric Lee (elee)
12. Nov 21, 2025 by Eric Lee (elee)
13. Feb 6, 2026 by Megan Feagles (megan.feagles)

Program Overview

Name of Proposed Program

AS, Civil Engineering, OSU

Program Code AS.OSUCIVILENGR

Award (CCWD)

Associate of Science (90-108 credits) (AS)

Type of Program Associate of Science (AS)
(CCC)

Educational Focus Science, Technology, Engineering and Math
Area (STEM)

Effective Catalog 2026-2027
Edition

Career Area Industrial and Engineering Systems

Department Engineering Sciences

Division Arts and Sciences

Other locations (institutions) this Program will be offered

Program Award Information

Program Learning Outcomes (PLOs)

Upon successful completion of this program, students should be able to:

	Outcome(s)
1	apply the fundamental elements of engineering design;
2	employ mathematics, science, and computing techniques in a systematic and rigorous manner to support the study and solution of engineering problems;
3	conduct and document laboratory experiments in the sciences and engineering, effectively communicating determined quantitative relationships using both graphs and equations;
4	exhibit good teamwork skills and serve as effective members of laboratory and project teams;
5	articulate and justify graphical, numerical, and analytical solutions to an audience through oral and written communication.

Proposed Curriculum

Plan of Study Grid

First Year

Fall Term		Credits
CH-221	General Chemistry	5.00
<u>CH-221Z</u>	<u>General Chemistry I</u>	<u>5.00</u>
<u>& CH-227Z</u>	<u>and General Chemistry I Laboratory</u>	
<u>ENGR-111</u>	Introduction to Engineering	3.00
<u>MTH-251Z</u>	Differential Calculus	4.00
<u>WR-121Z</u>	Composition I	4.00
	Credits	16

Winter Term

<u>CDT-103</u>	Computer-Aided Drafting I	3.00
CH-222	General Chemistry	5.00
<u>CH-222Z</u>	<u>General Chemistry II</u>	<u>5.00</u>
<u>& CH-228Z</u>	<u>and General Chemistry II Laboratory</u>	
<u>ENGR-112</u>	Engineering Programming	3.00

<u>MTH-252Z</u>	Integral Calculus	4.00
	Credits	15
Spring Term		
<u>COMM-111Z</u>	Public Speaking	4.00
<u>EC-201Z</u>	Principles of Microeconomics	4.00
	or <u>EC-202Z</u> or Principles of Macroeconomics	
<u>MTH-254</u>	Vector Calculus	5.00
<u>WR-227Z</u>	Technical Writing	4.00
	Credits	17
Second Year		
Fall Term		
<u>ENGR-211</u>	Statics	4.00
<u>GIS-201</u>	Introduction to Geographic Information Systems	4.00
<u>PH-211</u>	General Physics With Calculus	5.00
<u>Difference, Power, and Oppression Foundation Electives</u>		3.00-4.00
	Credits	16-17
Winter Term		
<u>ENGR-212</u>	Dynamics	4.00
<u>MTH-256</u>	Differential Equations	4.00
<u>PH-212</u>	General Physics With Calculus	5.00
<u>Arts and Humanities (Global) Electives</u>		4.00
	Credits	17
Spring Term		
<u>ENGR-213</u>	Strength of Materials	4.00
<u>PH-213</u>	General Physics With Calculus	5.00
<u>Arts and Humanities (General) Electives</u>		3.00-4.00
	Credits	12-13
	Total Credits	93-95

Arts and Humanities (General) Electives

<u>ART-101</u>	Art Appreciation	3.00
<u>ART-204</u>	History of Art/Ancient Through Medieval	4.00
<u>ART-205</u>	History of Art/Romanesque Through Baroque	4.00
<u>ART-206</u>	History of Art/Enlightenment Through Contemporary	4.00
<u>ART-232</u>	Life Drawing (Figure Emphasis)	4.00
<u>ART-233</u>	Drawing for Comics	4.00
<u>ART-250</u>	Ceramics/Beginning	4.00
<u>ART-252</u>	Ceramics/Wheel-Throwing I	4.00

<u>ART-253</u>	Ceramics/Intermediate	4.00
<u>ART-255</u>	Ceramics/Wheel-Throwing II	4.00
<u>ART-257</u>	Metalsmithing/Jewelry	4.00
<u>ART-282</u>	Painting: The Figure/Beginning	4.00
<u>ART-283</u>	Painting: Landscapes/Beginning	4.00
<u>ART-284</u>	Painting: Still Life/Intermediate	4.00
<u>ART-285</u>	Painting: The Figure/Intermediate	4.00
<u>ART-286</u>	Painting: Landscapes/Intermediate	4.00
<u>ART-292</u>	Sculpture (Figure Emphasis)	4.00
<u>ART-293</u>	Sculpture (Metal Emphasis)	4.00
<u>COMM-126</u>	Intro to Communication, Gender, and Sexuality	4.00
<u>COMM-140</u>	Introduction to Intercultural Communication	4.00
<u>COMM-219</u>	Small Group Discussion	4.00
<u>COMM-227</u>	Nonverbal Communication	4.00
<u>ENG-104Z</u>	Introduction to Fiction	4.00
<u>ENG-108</u>	World Literature: Early Middle Ages through the 18th Century	4.00
<u>ENG-109</u>	World Literature: The 19th through 21st Centuries	4.00
<u>ENG-116</u>	Introduction to Literature: Comics	4.00
<u>ENG-121</u>	Mystery Fiction	4.00
<u>ENG-194</u>	Introduction to Film	4.00
<u>ENG-195</u>	American Film	4.00
<u>ENG-250</u>	Greek Mythology	4.00
<u>ENG-213</u>	U.S. Latinx Literature	4.00
<u>ENG-218</u>	Arthurian Literature	4.00
<u>ENG-226</u>	Popular Literature	4.00
<u>ENG-241</u>	Norse Mythology	4.00
<u>ENG-251</u>	Celtic Mythology	4.00
<u>ENG-261</u>	Literature of Science Fiction	4.00
<u>ENG-270</u>	Introduction to Literary Criticism	4.00

ENG-272	World Literature: Early Middle Ages through the 18th Century	4.00
ENG-295	Revolutionary Film	4.00
ENG-296	Adaptation: Literature Into Film	4.00
HST-101	History of Western Civilization	4.00
HST-102	History of Western Civilization	4.00
HST-103	History of Western Civilization	4.00
HST-201	United States History I	4.00
HST-202	United States History II	4.00
HST-203	United States History III	4.00
HST-201Z	Course HST-201Z Not Found	4.00
HST-202Z	Course HST-202Z Not Found	4.00
HST-203Z	Course HST-203Z Not Found	4.00
J-211	Mass Media & Society	4.00
J-216	Writing for Media	4.00
MUS-111	Music Theory I	3.00
MUS-112	Music Theory I	3.00
MUS-113	Music Theory I	3.00
MUS-205	Music Literature: History of Jazz	4.00
MUS-206	Music Literature: History of Rock	4.00
MUS-211	Music Theory II	3.00
MUS-212	Music Theory II	3.00
MUS-213	Music Theory II	3.00
PHL-101	Philosophical Problems	4.00
PHL-102	Ethics	4.00
PHL-205	Moral Issues	4.00
PHL-210	Philosophy of Religion	4.00
R-101	Judaism and Foundations of Religion	4.00
R-204	History of Christianity	4.00
R-211	History of the Old Testament	4.00

R-212	History of the New Testament	4.00
TA-101	Appreciation of Theatre	4.00
TA-102	Appreciation of Theatre	4.00
TA-103	Appreciation of Theatre	4.00
TA-111	Fundamentals of Technical Theatre	4.00
TA-143	Acting III	4.00
TA-153	Theatre Rehearsal & Performance	3.00
WR-220	Creative Writing: Comics	4.00
WR-240	Creative Nonfiction Writing I	4.00
WR-241	Fiction Writing I	4.00
WR-242	Poetry Writing I	4.00
WR-243	Playwriting I	4.00
WR-244	Fiction Writing II	4.00
WR-247	Playwriting II	4.00
WR-262	Introduction to Screenwriting	4.00
WR-265	Digital Storytelling	4.00
WR-270	Creative Nonfiction Writing II: Food Writing	4.00

Arts and Humanities (Global) Electives

ANT-103	Cultural Anthropology	4.00
ENG-252	Hindu Mythology	4.00
ES-231	Introduction to Southeast Asian and South Pacific Island Diaspora Studies	4.00
GEO-110	Cultural & Human Geography	4.00
PHL-213	Asian Philosophy	4.00
R-103	Asian Religions	4.00
R-210	World Religions	4.00

Difference, Power, and Oppression Foundation Electives

ED-258	Culturally Responsive Education	3.00
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<u>ES-211</u>	Introduction to Latino/a/x Studies	4.00
<u>ES-221</u>	Introduction to Black Studies	4.00

Optional

While not required for the AS degree, students may complete additional coursework at CCC that will meet requirements for the Bachelor of Science degree at Oregon State University. The Bachelor of Science degree requires the completion of one course from the category below.

Basic Science Electives

<u>BI-101</u>	General Biology; Cellular Biology	4.00
<u>BI-103</u>	General Biology; Plants & The Ecosystem	4.00
<u>GS-107</u>	Astronomy	4.00

Reviewer

Comments

Program Change Request

Date Submitted: 03/18/26 11:34 am

Viewing: **AS.PSUCIVILENGR : AS, Civil Engineering, PSU**

Last approved: 11/21/25 9:03 am

Last edit: 03/18/26 11:34 am

Changes proposed by: Megan Feagles (megan.feagles)

Catalog Pages Using
this Program

[Civil Engineering Emphasis, AS - with Portland State University](#)

Change Type

Program Contact Information

Are you the Faculty Contact Person?

In Workflow

1. Curriculum Office
2. DASC Dean
3. Curriculum Committee Approval

Approval Path

1. 03/23/26 9:29 am
Megan Feagles (megan.feagles):
Approved for Curriculum Office
2. 03/23/26 10:37 am
Anne-Mary Nash-Haruna (annemary.nashharu)
Approved for DASC Dean

History

1. Oct 6, 2022 by clmig-kxayasene
2. Nov 28, 2022 by Megan Feagles (megan.feagles)
3. Dec 2, 2022 by Megan Feagles (megan.feagles)
4. Apr 18, 2023 by Megan Feagles (megan.feagles)
5. Jun 5, 2023 by Megan Feagles (megan.feagles)

6. Nov 3, 2023 by Eric Lee (elee)
7. Feb 16, 2024 by Eric Lee (elee)
8. Mar 11, 2024 by Megan Feagles (megan.feagles)
9. Mar 22, 2024 by Megan Feagles (megan.feagles)
10. Oct 17, 2024 by Megan Feagles (megan.feagles)
11. Jan 17, 2025 by Megan Feagles (megan.feagles)
12. Apr 4, 2025 by Megan Feagles (megan.feagles)
13. Jun 6, 2025 by Eric Lee (elee)
14. Nov 21, 2025 by Eric Lee (elee)

Program Overview

Name of Proposed Program

AS, Civil Engineering, PSU

Program Code AS.PSUCIVILENGR

Award (CCWD)

Associate of Science (90-108 credits) (AS)

Type of Program Associate of Science (AS)
(CCC)

Educational Focus Science, Technology, Engineering and Math
Area (STEM)

Effective Catalog 2026-2027
Edition

Career Area Industrial and Engineering Systems

Department	Engineering Sciences
Division	Arts and Sciences
Other locations (institutions) this Program will be offered	
CIP Code	14.0101 - Engineering, General.

Program Award Information

Program Learning Outcomes (PLOs)

Upon successful completion of this program, students should be able to:

	Outcome(s)
1	apply the fundamental elements of engineering design;
2	employ mathematics, science, and computing techniques in a systematic and rigorous manner to support the study and solution of engineering problems;
3	conduct and document laboratory experiments in the sciences and engineering, effectively communicating determined quantitative relationships using both graphs and equations;
4	exhibit good teamwork skills and serve as effective members of laboratory and project teams;
5	articulate and justify graphical, numerical, and analytical solutions to an audience through oral and written communication.

Proposed Curriculum

Plan of Study Grid

First Year

Fall Term		Credits
CH-221	General Chemistry	5.00
<u>CH-221Z</u>	<u>General Chemistry I</u>	<u>5.00</u>
<u>& CH-227Z</u>	<u>and General Chemistry I Laboratory</u>	
<u>ENGR-111</u>	Introduction to Engineering	3.00
<u>MTH-251Z</u>	Differential Calculus	4.00
<u>WR-121Z</u>	Composition I	4.00
	Credits	16
Winter Term		
CH-222	General Chemistry	5.00

<u>CH-222Z</u>	<u>General Chemistry II</u>	<u>5.00</u>
<u>& CH-228Z</u>	<u>and General Chemistry II Laboratory</u>	
<u>ENGR-112</u>	Engineering Programming	3.00
<u>MTH-252Z</u>	Integral Calculus	4.00
	Credits	12
Spring Term		
<u>COMM-111Z</u>	Public Speaking	4.00
<u>MTH-254</u>	Vector Calculus	5.00
<u>WR-227Z</u>	Technical Writing	4.00
<u>Arts & Letters Electives</u>		4.00
	Credits	17
Second Year		
Fall Term		
<u>ENGR-211</u>	Statics	4.00
<u>PH-211</u>	General Physics With Calculus	5.00
<u>Race and Ethnic Studies Electives</u>		4.00
	Credits	13
Winter Term		
<u>CDT-103</u>	Computer-Aided Drafting I	3.00
<u>ENGR-212</u>	Dynamics	4.00
<u>MTH-256</u>	Differential Equations	4.00
<u>PH-212</u>	General Physics With Calculus	5.00
	Credits	16
Spring Term		
<u>ENGR-213</u>	Strength of Materials	4.00
<u>MTH-261</u>	Linear Algebra	4.00
<u>PH-213</u>	General Physics With Calculus	5.00
Select one of the following:		3.00-4.00
<u>Arts & Letters Electives</u>		
<u>Social Science Electives</u>		
	Credits	16-17
	Total Credits	90-91

Arts & Letters Electives

All courses in [ASL](#), [COMM](#), [ENG](#), [FR](#), [GER](#), [HUM](#), [PHL](#), [SPN](#), [WR](#). Note that native speakers should only take advanced (300 level or above) world language courses.

Non-performance based courses in art, journalism, music, and theater also meet this requirement:

<u>ART-101</u>	Art Appreciation	3.00
<u>ART-204</u>	History of Art/Ancient Through Medieval	4.00
<u>ART-205</u>	History of Art/Romanesque Through Baroque	4.00

<u>ART-206</u>	History of Art/Enlightenment Through Contemporary	4.00
<u>J-211</u>	Mass Media & Society	4.00
<u>MUS-105</u>	Music Appreciation	3.00
<u>MUS-141</u>	Introduction to the Music Business	3.00
<u>MUS-205</u>	Music Literature: History of Jazz	4.00
<u>MUS-206</u>	Music Literature: History of Rock	4.00
<u>TA-101</u>	Appreciation of Theatre	4.00
<u>TA-102</u>	Appreciation of Theatre	4.00

Race and Ethnic Studies Electives

<u>ES-101</u>	Introduction to Ethnic Studies	4.00
<u>ES-211</u>	Introduction to Latino/a/x Studies	4.00
<u>ES-221</u>	Introduction to Black Studies	4.00
<u>ES-231</u>	Introduction to Southeast Asian and South Pacific Island Diaspora Studies	4.00
<u>ES-241</u>	Introduction to Native American Studies	4.00

Social Science Electives

All courses in [ANT](#), [EC](#), [ES](#), [GEO](#), [HST](#), [PS](#), [PSY](#), [SOC](#), [SSC](#), and [WS](#) or

<u>GIS-201</u>	Introduction to Geographic Information Systems (Recommended)	4.00
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Recommended

Take one additional Arts & Letters or Social Science elective.

Reviewer

Comments

Program Change Request

Date Submitted: 03/18/26 11:32 am

Viewing: **AS.PSUCOMPENGR : AS, Computer Engineering, PSU**

Last approved: 11/21/25 9:03 am

Last edit: 03/18/26 11:32 am

Changes proposed by: Megan Feagles (megan.feagles)

Catalog Pages Using
this Program

[Computer Engineering Emphasis, AS - with Portland State University](#)

Change Type

Program Contact Information

Are you the Faculty Contact Person?

In Workflow

1. Curriculum Office
2. DASC Dean
3. Curriculum Committee Approval

Approval Path

1. 03/23/26 9:29 am
Megan Feagles (megan.feagles):
Approved for Curriculum Office
2. 03/23/26 10:37 am
Anne-Mary Nash-Haruna (annemary.nashharu)
Approved for DASC Dean

History

1. Oct 6, 2022 by clmig-kxayasene
2. Nov 28, 2022 by Megan Feagles (megan.feagles)
3. Dec 2, 2022 by Megan Feagles (megan.feagles)
4. Apr 18, 2023 by Megan Feagles (megan.feagles)
5. Jun 5, 2023 by Megan Feagles (megan.feagles)

6. Nov 3, 2023 by Michael Farrell (mike.farrell)
7. Feb 2, 2024 by Eric Lee (elee)
8. Feb 16, 2024 by Eric Lee (elee)
9. Mar 11, 2024 by Megan Feagles (megan.feagles)
10. Mar 22, 2024 by Megan Feagles (megan.feagles)
11. Jan 17, 2025 by Megan Feagles (megan.feagles)
12. Feb 7, 2025 by Eric Lee (elee)
13. Apr 4, 2025 by Megan Feagles (megan.feagles)
14. Nov 21, 2025 by Eric Lee (elee)

Program Overview

Name of Proposed Program

AS, Computer Engineering, PSU

Program Code AS.PSUCOMPENGR

Award (CCWD)

Associate of Science (90-108 credits) (AS)

Type of Program Associate of Science (AS)
(CCC)

Educational Focus Science, Technology, Engineering and Math
Area (STEM)

Effective Catalog 2026-2027
Edition

Career Area Industrial and Engineering Systems

Department	Engineering Sciences
Division	Arts and Sciences
Other locations (institutions) this Program will be offered	
CIP Code	14.0101 - Engineering, General.

Program Award Information

Program Learning Outcomes (PLOs)

Upon successful completion of this program, students should be able to:

	Outcome(s)
1	apply the fundamental elements of engineering design;
2	employ mathematics, science, and computing techniques in a systematic and rigorous manner to support the study and solution of engineering problems;
3	conduct and document laboratory experiments in the sciences and engineering, effectively communicating determined quantitative relationships using both graphs and equations;
4	exhibit good teamwork skills and serve as effective members of laboratory and project teams;
5	articulate and justify graphical, numerical, and analytical solutions to an audience through oral and written communication.

Proposed Curriculum

Plan of Study Grid

First Year

Fall Term		Credits
CH-221	General Chemistry	5.00
<u>CH-221Z</u>	<u>General Chemistry I</u>	<u>5.00</u>
<u>& CH-227Z</u>	<u>and General Chemistry I Laboratory</u>	
<u>CS-161</u>	Computer Science I	4.00
<u>ENGR-111</u>	Introduction to Engineering	3.00
<u>MTH-251Z</u>	Differential Calculus	4.00
	Credits	16
Winter Term		
<u>CS-162</u>	Computer Science II	4.00

ENGR-112	Engineering Programming	3.00
ENGR-171	Digital Logic	4.00
MTH-252Z	Integral Calculus	4.00
	Credits	15
Spring Term		
COMM-111Z	Public Speaking	4.00
ENGR-271	Digital Systems	4.00
MTH-261	Linear Algebra	4.00
WR-121Z	Composition I	4.00
	Credits	16
Summer Term		
MTH-256	Differential Equations	4.00
	Credits	4
Second Year		
Fall Term		
ENGR-221	Electrical Circuit Analysis I	4.00
PH-211	General Physics With Calculus	5.00
WR-227Z	Technical Writing	4.00
Arts & Letters Electives		4.00
	Credits	17
Winter Term		
ENGR-222	Electrical Circuit Analysis II	4.00
MTH-253Z	Calculus: Sequences and Series	4.00
PH-212	General Physics With Calculus	5.00
Race and Ethnic Studies Electives		4.00
	Credits	17
Spring Term		
ENGR-223	Electrical Circuit Analysis III	4.00
PH-213	General Physics With Calculus	5.00
Select one of the following:		3.00-4.00
Arts & Letters Electives		
Social Science Electives		
	Credits	12-13
	Total Credits	97-98

Arts & Letters Electives

All courses in [ASL](#), [COMM](#), [ENG](#), [FR](#), [GER](#), [HUM](#), [PHL](#), [SPN](#), [WR](#). Note that native speakers should only take advanced (300 level or above) world language courses.

Non-performance based courses in art, journalism, music, and theater also meet this requirement:

ART-101	Art Appreciation	3.00
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<u>ART-204</u>	History of Art/Ancient Through Medieval	4.00
<u>ART-205</u>	History of Art/Romanesque Through Baroque	4.00
<u>ART-206</u>	History of Art/Enlightenment Through Contemporary	4.00
<u>J-211</u>	Mass Media & Society	4.00
<u>MUS-105</u>	Music Appreciation	3.00
<u>MUS-141</u>	Introduction to the Music Business	3.00
<u>MUS-205</u>	Music Literature: History of Jazz	4.00
<u>MUS-206</u>	Music Literature: History of Rock	4.00
<u>TA-101</u>	Appreciation of Theatre	4.00
<u>TA-102</u>	Appreciation of Theatre	4.00

Race and Ethnic Studies Electives

<u>ES-101</u>	Introduction to Ethnic Studies	4.00
<u>ES-211</u>	Introduction to Latino/a/x Studies	4.00
<u>ES-221</u>	Introduction to Black Studies	4.00
<u>ES-231</u>	Introduction to Southeast Asian and South Pacific Island Diaspora Studies	4.00
<u>ES-241</u>	Introduction to Native American Studies	4.00

Social Science Electives

All courses in [ANT](#), [EC](#), [ES](#), [GEO](#), [HST](#), [PS](#), [PSY](#), [SOC](#), [SSC](#), and [WS](#)

Reviewer
Comments

Program Change Request

Date Submitted: 03/18/26 11:31 am

Viewing: **AS.PSUCOMPSCI : AS, Computer Science, PSU**

Last approved: 10/27/25 7:35 am

Last edit: 03/18/26 11:31 am

Changes proposed by: Megan Feagles (megan.feagles)

Catalog Pages Using
this Program
[Computer Science Emphasis, AS - with Portland State University](#)

Change Type

Program Contact Information

Are you the Faculty Contact Person?

In Workflow

1. Curriculum Office
2. DASC Dean
3. Curriculum Committee Approval

Approval Path

1. 03/23/26 9:29 am
Megan Feagles (megan.feagles):
Approved for Curriculum Office
2. 03/23/26 10:37 am
Anne-Mary Nash-Haruna (annemary.nashharu)
Approved for DASC Dean

History

1. Oct 6, 2022 by clmig-kxayasene
2. Oct 24, 2022 by Megan Feagles (megan.feagles)
3. Jan 18, 2023 by Megan Feagles (megan.feagles)
4. Apr 18, 2023 by Megan Feagles (megan.feagles)
5. Jun 5, 2023 by Megan Feagles (megan.feagles)

6. Aug 22, 2023 by Dru Urbassik
(dru.urbassik)
7. Oct 30, 2023 by Megan Feagles
(megan.feagles)
8. Feb 22, 2024 by Megan Feagles
(megan.feagles)
9. Mar 11, 2024 by Megan Feagles
(megan.feagles)
10. Mar 22, 2024 by Megan Feagles
(megan.feagles)
11. Jun 5, 2024 by Megan Feagles
(megan.feagles)
12. Oct 22, 2024 by Jennifer Miller
(jen.miller)
13. Jan 17, 2025 by Megan Feagles
(megan.feagles)
14. Apr 4, 2025 by Megan Feagles
(megan.feagles)
15. Jun 6, 2025 by Megan Feagles
(megan.feagles)
16. Oct 27, 2025 by Megan Feagles
(megan.feagles)

Program Overview

Name of Proposed Program

AS, Computer Science, PSU

Program Code AS.PSUCOMPSCI

Award (CCWD)

Associate of Science (90-108 credits) (AS)

Type of Program Associate of Science (AS)
(CCC)

Educational Focus Science, Technology, Engineering and Math
Area (STEM)

Effective Catalog 2026-2027
Edition

Career Area Industrial and Engineering Systems

Department Business

Division Arts and Sciences

Other locations (institutions) this Program will be offered

CIP Code 11.0701 - Computer Science.

Program Award Information

Program Learning Outcomes (PLOs)

Upon successful completion of this program, students should be able to:

	Outcome(s)
1	explain the software development lifecycle and the specific tools and processes used to create software;
2	describe the components, purposes, and benefits of both structured and object-oriented programming paradigms and demonstrate the development of software using them in a high-level language;
3	explain and demonstrate various ways information is stored and manipulated, at both a low and high level, in computer systems and software;
4	employ mathematics and computing techniques in a system and rigorous manner to solve technical problems;
5	exhibit good teamwork skills and serve as effective members of project teams.

Proposed Curriculum

Plan of Study Grid

First Year

Fall Term		Credits
CS-160	Computer Science Orientation	4.00
CS-161	Computer Science I	4.00
MTH-251Z	Differential Calculus	4.00
	Credits	12
Winter Term		
CS-162	Computer Science II	4.00
MTH-252Z	Integral Calculus	4.00
Science Electives		4.00
	Credits	12
Spring Term		
CS-260	Data Structures	4.00
MTH-253Z	Calculus: Sequences and Series	4.00
Race, Ethnicity, and Systemic Oppression Electives		4.00
Select one of the following:		3.00-4.00
Arts & Letters Electives		
Social Science Electives		
	Credits	15-16
Summer Term		
MTH-261	Linear Algebra	4.00
WR-121Z	Composition I	4.00
	Credits	8
Second Year		
Fall Term		
CS-140L	Linux for Programmers	4.00
WR-227Z	Technical Writing	4.00
Laboratory Science Electives		4.00-5.00
Select one of the following:		4.00
Arts & Letters Electives		
Social Science Electives		
	Credits	16-17
Winter Term		
COMM-111Z	Public Speaking	4.00
CS-205	System Programming and Architecture	4.00
CS-250	Discrete Structures I	4.00
Laboratory Science Electives		4.00-5.00
	Credits	16-17
Spring Term		
CS-251	Discrete Structures II	4.00
Computer Science Electives		3.00-4.00
Laboratory Science Electives		5.00
	Credits	12-13

Arts & Letters Electives

Any 100 level or above course in [ASL](#), [COMM](#), [ENG](#), [FR](#), [GER](#), [HUM](#), [PHL](#), [SPN](#), [WR](#). Note that native speakers should only take advanced (300 level or above) world language courses.

Non-performance based courses in art, journalism, music, and theater also meet this requirement:

ART-101	Art Appreciation	3.00
ART-204	History of Art/Ancient Through Medieval	4.00
ART-205	History of Art/Romanesque Through Baroque	4.00
ART-206	History of Art/Enlightenment Through Contemporary	4.00
J-211	Mass Media & Society	4.00
MUS-105	Music Appreciation	3.00
MUS-141	Introduction to the Music Business	3.00
MUS-205	Music Literature: History of Jazz	4.00
MUS-206	Music Literature: History of Rock	4.00
TA-101	Appreciation of Theatre	4.00
TA-102	Appreciation of Theatre	4.00

Computer Science Electives

Any [CS](#) course not already included in the program

Laboratory Science Electives

BI-221Z	Principles of Biology: Cells	5.00
BI-222Z	Principles of Biology: Organisms	5.00
BI-223Z	Principles of Biology: Ecology and Evolution	5.00
CH-221	General Chemistry	5.00
CH-222	General Chemistry	5.00
CH-223	General Chemistry	5.00
CH-221Z & CH-227Z	General Chemistry I and General Chemistry I Laboratory	5.00

<u>CH-222Z</u> & <u>CH-228Z</u>	<u>General Chemistry II</u> & <u>General Chemistry II Laboratory</u>	<u>5.00</u>
<u>CH-223Z</u> & <u>CH-229Z</u>	<u>General Chemistry III</u> & <u>General Chemistry III Laboratory</u>	<u>5.00</u>
<u>G-201</u>	General Geology	4.00
<u>G-202</u>	General Geology	4.00
<u>PH-201</u>	General Physics	5.00
<u>PH-202</u>	General Physics	5.00
<u>PH-203</u>	General Physics	5.00
<u>PH-211</u>	General Physics With Calculus	5.00
<u>PH-212</u>	General Physics With Calculus	5.00
<u>PH-213</u>	General Physics With Calculus	5.00

Race, Ethnicity, and Systemic Oppression Electives

<u>ES-101</u>	Introduction to Ethnic Studies	4.00
<u>ES-211</u>	Introduction to Latino/a/x Studies	4.00
<u>ES-231</u>	Introduction to Southeast Asian and South Pacific Island Diaspora Studies	4.00
<u>ES-221</u>	Introduction to Black Studies	4.00
<u>ES-241</u>	Introduction to Native American Studies	4.00

Science Electives

Any General Education science course listed under prefixes: [BI](#), [CH](#), [ESR](#), [G](#), and [PH](#) in the [AAOT](#)

Social Science Electives

Any 100 level or above course in [ANT](#), [EC](#), [GEO](#), [HST](#), [PS](#), [PSY](#), [SOC](#), [SSC](#), and [WS](#).

Reviewer

Comments

Program Change Request

Date Submitted: 03/18/26 11:29 am

Viewing: **AS.OSUCONENRMGT : AS, Construction Engineering Management, OSU**

Last approved: 02/06/26 8:35 am

Last edit: 03/18/26 11:29 am

Changes proposed by: Megan Feagles (megan.feagles)

Catalog Pages Using
this Program

[Construction Engineering Management Emphasis, AS - with Oregon State University.](#)

Change Type

Program Contact Information

Are you the Faculty Contact Person?

In Workflow

1. Curriculum Office
2. DASC Dean
3. Curriculum Committee Approval

Approval Path

1. 03/23/26 9:27 am
Megan Feagles (megan.feagles):
Approved for
Curriculum Office
2. 03/23/26 10:35 am
Anne-Mary Nash-Haruna
(annemary.nashharu)
Approved for DASC
Dean

History

1. Oct 6, 2022 by
clmig-kxayasene
2. Nov 28, 2022 by
Megan Feagles
(megan.feagles)
3. Apr 18, 2023 by
Megan Feagles
(megan.feagles)
4. Jun 5, 2023 by
Megan Feagles
(megan.feagles)
5. Oct 29, 2023 by
Megan Feagles
(megan.feagles)

6. Feb 16, 2024 by Eric Lee (elee)
7. Mar 11, 2024 by Megan Feagles (megan.feagles)
8. Mar 18, 2024 by Megan Feagles (megan.feagles)
9. Apr 5, 2024 by Megan Feagles (megan.feagles)
10. Apr 4, 2025 by Megan Feagles (megan.feagles)
11. Jun 6, 2025 by Megan Feagles (megan.feagles)
12. Nov 21, 2025 by Eric Lee (elee)
13. Feb 6, 2026 by Megan Feagles (megan.feagles)

Program Overview

Name of Proposed Program

AS, Construction Engineering Management, OSU

Program Code AS.OSUCONENRMGT

Award (CCWD)

Associate of Science (90-108 credits) (AS)

Type of Program Associate of Science (AS)
(CCC)

Educational Focus Science, Technology, Engineering and Math
Area (STEM)

Effective Catalog 2026-2027
Edition

Career Area Industrial and Engineering Systems

Department Engineering Sciences

Division Arts and Sciences

Other locations (institutions) this Program will be offered

CIP Code 14.0101 - Engineering, General.

Program Award Information

Program Learning Outcomes (PLOs)

Upon successful completion of this program, students should be able to:

	Outcome(s)
1	apply the fundamental elements of engineering design;
2	employ mathematics, science, and computing techniques in a systematic and rigorous manner to support the study and solution of engineering problems;
3	conduct and document laboratory experiments in the sciences and engineering, effectively communicating determined quantitative relationships using both graphs and equations;
4	exhibit good teamwork skills and serve as effective members of laboratory and project teams;
5	articulate and justify graphical, numerical, and analytical solutions to an audience through oral and written communication.

Proposed Curriculum

Plan of Study Grid

First Year

Fall Term		Credits
CH-221	General Chemistry	5.00
<u>CH-221Z</u>	<u>General Chemistry I</u>	<u>5.00</u>
<u>& CH-227Z</u>	<u>and General Chemistry I Laboratory</u>	
<u>ENGR-111</u>	Introduction to Engineering	3.00
<u>MTH-251Z</u>	Differential Calculus	4.00
<u>WR-121Z</u>	Composition I	4.00
	Credits	16
Winter Term		
<u>CDT-103</u>	Computer-Aided Drafting I	3.00

<u>EC-201Z</u>	Principles of Microeconomics	4.00
<u>ENGR-112</u>	Engineering Programming	3.00
<u>MTH-252Z</u>	Integral Calculus	4.00
	Credits	14
Spring Term		
<u>BA-226Z</u>	Introduction to Business Law	4.00
<u>EC-202Z</u>	Principles of Macroeconomics	4.00
<u>Arts and Humanities (Global) Electives</u>		4.00
<u>Electives</u>		4.00
	Credits	16
Second Year		
Fall Term		
<u>ENGR-211</u>	Statics	4.00
<u>PH-211</u>	General Physics With Calculus	5.00
<u>Difference, Power, and Oppression Foundation Electives</u>		3.00-4.00
<u>Electives</u>		4.00
	Credits	16-17
Winter Term		
<u>BA-OSU</u>	Accounting for Decision Making	4.00
<u>PH-212</u>	General Physics With Calculus	5.00
<u>Arts and Humanities (General) Electives</u>		3.00-4.00
<u>Electives</u>		4.00
	Credits	16-17
Spring Term		
<u>COMM-111Z</u>	Public Speaking	4.00
<u>ENGR-213</u>	Strength of Materials	4.00
<u>ENGR-OSU</u>	Engineering Economy	3.00
<u>WR-227Z</u>	Technical Writing	4.00
	Credits	15
	Total Credits	93-95

Arts and Humanities (General) Electives

<u>ART-101</u>	Art Appreciation	3.00
<u>ART-204</u>	History of Art/Ancient Through Medieval	4.00
<u>ART-205</u>	History of Art/Romanesque Through Baroque	4.00
<u>ART-206</u>	History of Art/Enlightenment Through Contemporary	4.00
<u>ART-232</u>	Life Drawing (Figure Emphasis)	4.00
<u>ART-233</u>	Drawing for Comics	4.00

<u>ART-250</u>	Ceramics/Beginning	4.00
<u>ART-252</u>	Ceramics/Wheel-Throwing I	4.00
<u>ART-253</u>	Ceramics/Intermediate	4.00
<u>ART-255</u>	Ceramics/Wheel-Throwing II	4.00
<u>ART-257</u>	Metalsmithing/Jewelry	4.00
<u>ART-282</u>	Painting: The Figure/Beginning	4.00
<u>ART-283</u>	Painting: Landscapes/Beginning	4.00
<u>ART-284</u>	Painting: Still Life/Intermediate	4.00
<u>ART-285</u>	Painting: The Figure/Intermediate	4.00
<u>ART-286</u>	Painting: Landscapes/Intermediate	4.00
<u>ART-292</u>	Sculpture (Figure Emphasis)	4.00
<u>ART-293</u>	Sculpture (Metal Emphasis)	4.00
<u>COMM-126</u>	Intro to Communication, Gender, and Sexuality	4.00
<u>COMM-140</u>	Introduction to Intercultural Communication	4.00
<u>COMM-219</u>	Small Group Discussion	4.00
<u>COMM-227</u>	Nonverbal Communication	4.00
<u>ENG-104Z</u>	Introduction to Fiction	4.00
<u>ENG-108</u>	World Literature: Early Middle Ages through the 18th Century	4.00
<u>ENG-109</u>	World Literature: The 19th through 21st Centuries	4.00
<u>ENG-116</u>	Introduction to Literature: Comics	4.00
<u>ENG-121</u>	Mystery Fiction	4.00
<u>ENG-194</u>	Introduction to Film	4.00
<u>ENG-195</u>	American Film	4.00
<u>ENG-250</u>	Greek Mythology	4.00
<u>ENG-213</u>	U.S. Latinx Literature	4.00
<u>ENG-218</u>	Arthurian Literature	4.00
<u>ENG-226</u>	Popular Literature	4.00
<u>ENG-241</u>	Norse Mythology	4.00
<u>ENG-251</u>	Celtic Mythology	4.00

<u>ENG-261</u>	Literature of Science Fiction	4.00
<u>ENG-270</u>	Introduction to Literary Criticism	4.00
<u>ENG-272</u>	World Literature: Early Middle Ages through the 18th Century	4.00
<u>ENG-295</u>	Revolutionary Film	4.00
<u>ENG-296</u>	Adaptation: Literature Into Film	4.00
<u>HST-101</u>	History of Western Civilization	4.00
<u>HST-102</u>	History of Western Civilization	4.00
<u>HST-103</u>	History of Western Civilization	4.00
<u>HST-201</u>	United States History I	4.00
<u>HST-202</u>	United States History II	4.00
<u>HST-203</u>	United States History III	4.00
<u>HST-201Z</u>	<u>Course HST-201Z Not Found</u>	<u>4.00</u>
<u>HST-202Z</u>	<u>Course HST-202Z Not Found</u>	<u>4.00</u>
<u>HST-203Z</u>	<u>Course HST-203Z Not Found</u>	<u>4.00</u>
<u>J-211</u>	Mass Media & Society	4.00
<u>J-216</u>	Writing for Media	4.00
<u>MUS-111</u>	Music Theory I	3.00
<u>MUS-112</u>	Music Theory I	3.00
<u>MUS-113</u>	Music Theory I	3.00
<u>MUS-205</u>	Music Literature: History of Jazz	4.00
<u>MUS-206</u>	Music Literature: History of Rock	4.00
<u>MUS-211</u>	Music Theory II	3.00
<u>MUS-212</u>	Music Theory II	3.00
<u>MUS-213</u>	Music Theory II	3.00
<u>PHL-101</u>	Philosophical Problems	4.00
<u>PHL-102</u>	Ethics	4.00
<u>PHL-205</u>	Moral Issues	4.00
<u>PHL-210</u>	Philosophy of Religion	4.00
<u>R-101</u>	Judaism and Foundations of Religion	4.00

<u>R-204</u>	History of Christianity	4.00
<u>R-211</u>	History of the Old Testament	4.00
<u>R-212</u>	History of the New Testament	4.00
<u>TA-101</u>	Appreciation of Theatre	4.00
<u>TA-102</u>	Appreciation of Theatre	4.00
<u>TA-103</u>	Appreciation of Theatre	4.00
<u>TA-111</u>	Fundamentals of Technical Theatre	4.00
<u>TA-143</u>	Acting III	4.00
<u>TA-153</u>	Theatre Rehearsal & Performance	3.00
<u>WR-220</u>	Creative Writing: Comics	4.00
<u>WR-240</u>	Creative Nonfiction Writing I	4.00
<u>WR-241</u>	Fiction Writing I	4.00
<u>WR-242</u>	Poetry Writing I	4.00
<u>WR-243</u>	Playwriting I	4.00
<u>WR-244</u>	Fiction Writing II	4.00
<u>WR-247</u>	Playwriting II	4.00
<u>WR-262</u>	Introduction to Screenwriting	4.00
<u>WR-265</u>	Digital Storytelling	4.00
<u>WR-270</u>	Creative Nonfiction Writing II: Food Writing	4.00

Arts and Humanities (Global) Electives

<u>ANT-103</u>	Cultural Anthropology	4.00
<u>ENG-252</u>	Hindu Mythology	4.00
<u>ES-231</u>	Introduction to Southeast Asian and South Pacific Island Diaspora Studies	4.00
<u>GEO-110</u>	Cultural & Human Geography	4.00
<u>PHL-213</u>	Asian Philosophy	4.00
<u>R-103</u>	Asian Religions	4.00
<u>R-210</u>	World Religions	4.00

Difference, Power, and Oppression Foundation Electives

ED-258	Culturally Responsive Education	3.00
ES-211	Introduction to Latino/a/x Studies	4.00
ES-221	Introduction to Black Studies	4.00

Electives

Any college-level course

Please refer to the [Elective Course List](#) for courses that may be included

Reviewer

Comments

Program Change Request

Date Submitted: 03/18/26 11:27 am

Viewing: **AS.OSUECOLENGR : AS, Ecological Engineering, OSU**

Last approved: 02/06/26 8:35 am

Last edit: 03/18/26 11:27 am

Changes proposed by: Megan Feagles (megan.feagles)

Catalog Pages Using
this Program

[Ecological Engineering Emphasis, AS - with Oregon State University](#)

Change Type

Program Contact Information

Are you the Faculty Contact Person?

In Workflow

1. Curriculum Office
2. DASC Dean
3. Curriculum Committee Approval

Approval Path

1. 03/23/26 9:27 am
Megan Feagles (megan.feagles):
Approved for Curriculum Office
2. 03/23/26 10:35 am
Anne-Mary Nash-Haruna (annemary.nashharu)
Approved for DASC Dean

History

1. Oct 6, 2022 by clmig-kxayasene
2. Nov 28, 2022 by Megan Feagles (megan.feagles)
3. Apr 18, 2023 by Megan Feagles (megan.feagles)
4. Jun 5, 2023 by Megan Feagles (megan.feagles)
5. Dec 1, 2023 by Eric Lee (elee)
6. Feb 16, 2024 by Eric Lee (elee)

7. Mar 11, 2024 by Megan Feagles (megan.feagles)
8. Mar 18, 2024 by Megan Feagles (megan.feagles)
9. Mar 18, 2024 by Megan Feagles (megan.feagles)
10. Apr 5, 2024 by Megan Feagles (megan.feagles)
11. Apr 4, 2025 by Megan Feagles (megan.feagles)
12. Nov 21, 2025 by Eric Lee (elee)
13. Feb 6, 2026 by Megan Feagles (megan.feagles)

Program Overview

Name of Proposed Program

AS, Ecological Engineering, OSU

Program Code AS.OSUECOLENGR

Award (CCWD)

Associate of Science (90-108 credits) (AS)

Type of Program Associate of Science (AS)
(CCC)

Educational Focus Science, Technology, Engineering and Math
Area (STEM)

Effective Catalog 2026-2027
Edition

Career Area Industrial and Engineering Systems

Department Engineering Sciences

Division Arts and Sciences

Other locations (institutions) this Program will be offered

CIP Code 14.0101 - Engineering, General.

Program Award Information

Program Learning Outcomes (PLOs)

Upon successful completion of this program, students should be able to:

	Outcome(s)
1	apply the fundamental elements of engineering design;
2	employ mathematics, science, and computing techniques in a systematic and rigorous manner to support the study and solution of engineering problems;
3	conduct and document laboratory experiments in the sciences and engineering, effectively communicating determined quantitative relationships using both graphs and equations;
4	exhibit good teamwork skills and serve as effective members of laboratory and project teams;
5	articulate and justify graphical, numerical, and analytical solutions to an audience through oral and written communication.

Proposed Curriculum

Plan of Study Grid

First Year

Fall Term		Credits
COMM-111Z	Public Speaking	4.00
ENGR-111	Introduction to Engineering	3.00
MTH-251Z	Differential Calculus	4.00
WR-121Z	Composition I	4.00
	Credits	15

Winter Term

CH-221	General Chemistry	5.00
CH-221Z	General Chemistry I	5.00
& CH-227Z	and General Chemistry I Laboratory	
ENGR-112	Engineering Programming	3.00
MTH-252Z	Integral Calculus	4.00
	Credits	12

Spring Term

CH-222 General Chemistry 5.00

CH-222Z General Chemistry II 5.00

& CH-228Z and General Chemistry II Laboratory

MTH-254 Vector Calculus 5.00

WR-227Z Technical Writing 4.00

Credits 14

Summer Term

CH-223 General Chemistry 5.00

CH-223Z General Chemistry III 5.00

& CH-229Z and General Chemistry III Laboratory

Credits 5

Second Year

Fall Term

ENGR-211 Statics 4.00

PH-211 General Physics With Calculus 5.00

STAT-OSU Introduction to Statistics for Engineers 3.00

Difference, Power, and Oppression Foundation Electives 3.00-4.00

Credits 15-16

Winter Term

CS-161 Computer Science I 4.00

MTH-256 Differential Equations 4.00

PH-212 General Physics With Calculus 5.00

Arts and Humanities (Global) Electives 4.00

Credits 17

Spring Term

ENGR-213 Strength of Materials 4.00

PH-213 General Physics With Calculus 5.00

Arts and Humanities (General) Electives 3.00-4.00

Credits 12-13

Total Credits 90-92

Arts and Humanities (General) Electives

<u>ART-101</u>	Art Appreciation	3.00
<u>ART-204</u>	History of Art/Ancient Through Medieval	4.00
<u>ART-205</u>	History of Art/Romanesque Through Baroque	4.00
<u>ART-206</u>	History of Art/Enlightenment Through Contemporary	4.00
<u>ART-232</u>	Life Drawing (Figure Emphasis)	4.00

<u>ART-233</u>	Drawing for Comics	4.00
<u>ART-250</u>	Ceramics/Beginning	4.00
<u>ART-252</u>	Ceramics/Wheel-Throwing I	4.00
<u>ART-253</u>	Ceramics/Intermediate	4.00
<u>ART-255</u>	Ceramics/Wheel-Throwing II	4.00
<u>ART-257</u>	Metalsmithing/Jewelry	4.00
<u>ART-282</u>	Painting: The Figure/Beginning	4.00
<u>ART-283</u>	Painting: Landscapes/Beginning	4.00
<u>ART-284</u>	Painting: Still Life/Intermediate	4.00
<u>ART-285</u>	Painting: The Figure/Intermediate	4.00
<u>ART-286</u>	Painting: Landscapes/Intermediate	4.00
<u>ART-292</u>	Sculpture (Figure Emphasis)	4.00
<u>ART-293</u>	Sculpture (Metal Emphasis)	4.00
<u>COMM-126</u>	Intro to Communication, Gender, and Sexuality	4.00
<u>COMM-140</u>	Introduction to Intercultural Communication	4.00
<u>COMM-219</u>	Small Group Discussion	4.00
<u>COMM-227</u>	Nonverbal Communication	4.00
<u>ENG-104Z</u>	Introduction to Fiction	4.00
<u>ENG-108</u>	World Literature: Early Middle Ages through the 18th Century	4.00
<u>ENG-109</u>	World Literature: The 19th through 21st Centuries	4.00
<u>ENG-116</u>	Introduction to Literature: Comics	4.00
<u>ENG-121</u>	Mystery Fiction	4.00
<u>ENG-194</u>	Introduction to Film	4.00
<u>ENG-195</u>	American Film	4.00
<u>ENG-250</u>	Greek Mythology	4.00
<u>ENG-213</u>	U.S. Latinx Literature	4.00
<u>ENG-218</u>	Arthurian Literature	4.00
<u>ENG-226</u>	Popular Literature	4.00
<u>ENG-241</u>	Norse Mythology	4.00

ENG-251	Celtic Mythology	4.00
ENG-261	Literature of Science Fiction	4.00
ENG-270	Introduction to Literary Criticism	4.00
ENG-272	World Literature: Early Middle Ages through the 18th Century	4.00
ENG-295	Revolutionary Film	4.00
ENG-296	Adaptation: Literature Into Film	4.00
HST-101	History of Western Civilization	4.00
HST-102	History of Western Civilization	4.00
HST-103	History of Western Civilization	4.00
HST-201	United States History I	4.00
HST-202	United States History II	4.00
HST-203	United States History III	4.00
HST-201Z	Course HST-201Z Not Found	4.00
HST-202Z	Course HST-202Z Not Found	4.00
HST-203Z	Course HST-203Z Not Found	4.00
J-211	Mass Media & Society	4.00
J-216	Writing for Media	4.00
MUS-111	Music Theory I	3.00
MUS-112	Music Theory I	3.00
MUS-113	Music Theory I	3.00
MUS-205	Music Literature: History of Jazz	4.00
MUS-206	Music Literature: History of Rock	4.00
MUS-211	Music Theory II	3.00
MUS-212	Music Theory II	3.00
MUS-213	Music Theory II	3.00
PHL-101	Philosophical Problems	4.00
PHL-102	Ethics	4.00
PHL-205	Moral Issues	4.00
PHL-210	Philosophy of Religion	4.00

<u>R-101</u>	Judaism and Foundations of Religion	4.00
<u>R-204</u>	History of Christianity	4.00
<u>R-211</u>	History of the Old Testament	4.00
<u>R-212</u>	History of the New Testament	4.00
<u>TA-101</u>	Appreciation of Theatre	4.00
<u>TA-102</u>	Appreciation of Theatre	4.00
<u>TA-103</u>	Appreciation of Theatre	4.00
<u>TA-111</u>	Fundamentals of Technical Theatre	4.00
<u>TA-143</u>	Acting III	4.00
<u>TA-153</u>	Theatre Rehearsal & Performance	3.00
<u>WR-220</u>	Creative Writing: Comics	4.00
<u>WR-240</u>	Creative Nonfiction Writing I	4.00
<u>WR-241</u>	Fiction Writing I	4.00
<u>WR-242</u>	Poetry Writing I	4.00
<u>WR-243</u>	Playwriting I	4.00
<u>WR-244</u>	Fiction Writing II	4.00
<u>WR-247</u>	Playwriting II	4.00
<u>WR-262</u>	Introduction to Screenwriting	4.00
<u>WR-265</u>	Digital Storytelling	4.00
<u>WR-270</u>	Creative Nonfiction Writing II: Food Writing	4.00

Arts and Humanities (Global) Electives

<u>ANT-103</u>	Cultural Anthropology	4.00
<u>ENG-252</u>	Hindu Mythology	4.00
<u>ES-231</u>	Introduction to Southeast Asian and South Pacific Island Diaspora Studies	4.00
<u>GEO-110</u>	Cultural & Human Geography	4.00
<u>PHL-213</u>	Asian Philosophy	4.00
<u>R-103</u>	Asian Religions	4.00
<u>R-210</u>	World Religions	4.00

Difference, Power, and Oppression Foundation Electives

<u>ED-258</u>	Culturally Responsive Education	3.00
<u>ES-211</u>	Introduction to Latino/a/x Studies	4.00
<u>ES-221</u>	Introduction to Black Studies	4.00

Reviewer
Comments

Program Change Request

Date Submitted: 03/18/26 11:23 am

Viewing: **AS.OITELECENGR : AS, Electrical**

Engineering, OIT

Last approved: 11/21/25 9:03 am

Last edit: 03/18/26 11:23 am

Changes proposed by: Megan Feagles (megan.feagles)

Catalog Pages Using
this Program

[Electrical Engineering Emphasis, AS - with Oregon Institute of Technology_\(Oregon Tech](#)

Change Type

Program Contact Information

Are you the Faculty Contact Person?

In Workflow

1. Curriculum Office
2. DASC Dean
3. Curriculum Committee Approval

Approval Path

1. 03/23/26 9:26 am
Megan Feagles (megan.feagles):
Approved for
Curriculum Office
2. 03/23/26 10:30 am
Anne-Mary Nash-Haruna
(annemary.nashharu)
Approved for DASC
Dean

History

1. Oct 6, 2022 by
clmig-kxayasene
2. Apr 18, 2023 by
Megan Feagles
(megan.feagles)
3. Apr 18, 2023 by
Megan Feagles
(megan.feagles)
4. Jun 5, 2023 by
Megan Feagles
(megan.feagles)
5. Nov 3, 2023 by
Michael Farrell
(mike.farrell)

6. Feb 16, 2024 by Eric Lee (elee)
7. Mar 11, 2024 by Megan Feagles (megan.feagles)
8. Mar 22, 2024 by Megan Feagles (megan.feagles)
9. Jun 5, 2024 by Megan Feagles (megan.feagles)
10. Jan 17, 2025 by Michael Farrell (mike.farrell)
11. Apr 4, 2025 by Megan Feagles (megan.feagles)
12. Nov 21, 2025 by Eric Lee (elee)

Program Overview

Name of Proposed Program

AS, Electrical Engineering, OIT

Program Code AS.OITELECENGR

Award (CCWD)

Associate of Science (90-108 credits) (AS)

Type of Program Associate of Science (AS)
(CCC)

Educational Focus Science, Technology, Engineering and Math
Area (STEM)

Effective Catalog Edition 2026-2027

Career Area Industrial and Engineering Systems

Department Engineering Sciences

Division Arts and Sciences

Other locations (institutions) this Program will be offered

Program Award Information

Program Learning Outcomes (PLOs)

Upon successful completion of this program, students should be able to:

	Outcome(s)
1	apply the fundamental elements of engineering design;
2	employ mathematics, science, and computing techniques in a systematic and rigorous manner to support the study and solution of engineering problems;
3	conduct and document laboratory experiments in the sciences and engineering, effectively communicating determined quantitative relationships using both graphs and equations;
4	exhibit good teamwork skills and serve as effective members of laboratory and project teams;
5	articulate and justify graphical, numerical, and analytical solutions to an audience through oral and written communication.

Proposed Curriculum

Plan of Study Grid

First Year

Fall Term		Credits
<u>CH-221</u>	<u>General Chemistry</u>	<u>5.00</u>
<u>CH-221Z</u>	<u>General Chemistry I</u>	<u>5.00</u>
<u>& CH-227Z</u>	<u>and General Chemistry I Laboratory</u>	
<u>CS-161</u>	Computer Science I	4.00
<u>ENGR-111</u>	Introduction to Engineering	3.00
<u>MTH-251Z</u>	Differential Calculus	4.00
	Credits	16

Winter Term

<u>CH-222</u>	<u>General Chemistry</u>	<u>5.00</u>
<u>CH-222Z</u>	<u>General Chemistry II</u>	<u>5.00</u>
<u>& CH-228Z</u>	<u>and General Chemistry II Laboratory</u>	
<u>ENGR-171</u>	Digital Logic	4.00
<u>MTH-252Z</u>	Integral Calculus	4.00

	Credits	13
Spring Term		
COMM-111Z	Public Speaking	4.00
ENGR-271	Digital Systems	4.00
MTH-261	Linear Algebra	4.00
WR-121Z	Composition I	4.00
	Credits	16
Summer Term		
	Social Science Electives	3.00-4.00
	Credits	3-4
Second Year		
Fall Term		
ENGR-221	Electrical Circuit Analysis I	4.00
MTH-254	Vector Calculus	5.00
PH-211	General Physics With Calculus	5.00
Select one of the following:		3.00-4.00
	Humanities Electives	
	Social Science Electives	
	Credits	17-18
Winter Term		
ENGR-222	Electrical Circuit Analysis II	4.00
MTH-256	Differential Equations	4.00
PH-212	General Physics With Calculus	5.00
WR-227Z	Technical Writing	4.00
	Credits	17
Spring Term		
ENGR-223	Electrical Circuit Analysis III	4.00
MTH-253Z	Calculus: Sequences and Series	4.00
PH-213	General Physics With Calculus	5.00
	Credits	13
	Total Credits	95-97

Humanities Electives

Any course from [ART](#), [ASL](#) (200-level), [ENG](#), [FR](#) (200-level), [GER](#) (200-level), [HUM](#), [MUS](#), [PHL](#), [R](#), [SPN](#) (200-level), [TA](#)

Social Science Electives

Any course from [ANT](#), [EC](#), [ES](#), [GEO](#), [HST](#), [PS](#), [PSY](#), [SOC](#), [SSC](#), [WS](#)

Optional

While not required for the AS degree, students may complete additional coursework at CCC that will meet requirements for the Bachelor of Science degree at Institute of Technology and is listed below.

[COMM-219](#) Small Group Discussion

Up to 9 additional Social Science Elective credits

Up to 6 additional Humanities Elective credits

Reviewer

Comments

Program Change Request

Date Submitted: 03/18/26 11:21 am

Viewing: **AS.OSUELCOMPENGR : AS, Electrical Engineering, OSU**

Last approved: 02/06/26 8:35 am

Last edit: 03/18/26 11:21 am

Changes proposed by: Megan Feagles (megan.feagles)

Catalog Pages Using
this Program

[Electrical Engineering Emphasis, AS - with Oregon State University.](#)

Change Type

Program Contact Information

Are you the Faculty Contact Person?

In Workflow

1. Curriculum Office
2. DASC Dean
3. Curriculum Committee Approval

Approval Path

1. 03/23/26 9:27 am
Megan Feagles (megan.feagles):
Approved for Curriculum Office
2. 03/23/26 10:35 am
Anne-Mary Nash-Haruna (annemary.nashharu)
Approved for DASC Dean

History

1. Oct 6, 2022 by clmig-kxayasene
2. Apr 18, 2023 by Megan Feagles (megan.feagles)
3. Apr 18, 2023 by Megan Feagles (megan.feagles)
4. Jun 5, 2023 by Megan Feagles (megan.feagles)
5. Dec 1, 2023 by Eric Lee (elee)
6. Feb 16, 2024 by Eric Lee (elee)

7. Mar 11, 2024 by
Megan Feagles
(megan.feagles)
8. Mar 18, 2024 by
Megan Feagles
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9. Mar 18, 2024 by
Megan Feagles
(megan.feagles)
10. Apr 5, 2024 by
Megan Feagles
(megan.feagles)
11. Apr 4, 2025 by
Megan Feagles
(megan.feagles)
12. May 3, 2025 by
Megan Feagles
(megan.feagles)
13. Jun 6, 2025 by
Megan Feagles
(megan.feagles)
14. Sep 29, 2025 by
Megan Feagles
(megan.feagles)
15. Sep 29, 2025 by
Megan Feagles
(megan.feagles)
16. Nov 21, 2025 by Eric
Lee (elee)
17. Feb 6, 2026 by
Megan Feagles
(megan.feagles)

Program Overview

Name of Proposed Program

AS, Electrical Engineering, OSU

Program Code AS.OSUELCOMPENGR

Award (CCWD)

Associate of Science (90-108 credits) (AS)

Type of Program (CCC)	Associate of Science (AS)
Educational Focus Area	Science, Technology, Engineering and Math (STEM)
Effective Catalog Edition	2026-2027
Career Area	Industrial and Engineering Systems
Department	Engineering Sciences
Division	Arts and Sciences
Other locations (institutions) this Program will be offered	
CIP Code	14.0101 - Engineering, General.

Program Award Information

Program Learning Outcomes (PLOs)

Upon successful completion of this program, students should be able to:

	Outcome(s)
1	apply the fundamental elements of engineering design;
2	employ mathematics, science, and computing techniques in a systematic and rigorous manner to support the study and solution of engineering problems;
3	conduct and document laboratory experiments in the sciences and engineering, effectively communicating determined quantitative relationships using both graphs and equations;
4	exhibit good teamwork skills and serve as effective members of laboratory and project teams;
5	articulate and justify graphical, numerical, and analytical solutions to an audience through oral and written communication.

Proposed Curriculum

Plan of Study Grid

First Year

Fall Term

Credits

<u>CH-221</u>	<u>General Chemistry</u>	5.00
<u>CH-221Z</u>	<u>General Chemistry I</u>	<u>5.00</u>
<u>& CH-227Z</u>	<u>and General Chemistry I Laboratory</u>	
<u>CS-161</u>	Computer Science I	4.00
<u>ENGR-111</u>	Introduction to Engineering	3.00
<u>MTH-251Z</u>	Differential Calculus	4.00
	Credits	16
Winter Term		
<u>CS-162</u>	Computer Science II	4.00
<u>ENGR-112</u>	Engineering Programming	3.00
<u>ENGR-171</u>	Digital Logic	4.00
<u>MTH-252Z</u>	Integral Calculus	4.00
	Credits	15
Spring Term		
<u>COMM-111Z</u>	Public Speaking	4.00
<u>MTH-254</u>	Vector Calculus	5.00
<u>WR-121Z</u>	Composition I	4.00
<u>Arts and Humanities (Global) Electives</u>		4.00
	Credits	17
Summer Term		
<u>MTH-256</u>	Differential Equations	4.00
	Credits	4
Second Year		
Fall Term		
<u>ENGR-221</u>	Electrical Circuit Analysis I	4.00
<u>PH-211</u>	General Physics With Calculus	5.00
<u>WR-227Z</u>	Technical Writing	4.00
	Credits	13
Winter Term		
<u>ENGR-222</u>	Electrical Circuit Analysis II	4.00
<u>MTH-231</u>	Elements of Discrete Mathematics	4.00
<u>PH-212</u>	General Physics With Calculus	5.00
<u>Arts and Humanities (General) Electives</u>		3.00-4.00
	Credits	16-17
Spring Term		
<u>ENGR-223</u>	Electrical Circuit Analysis III	4.00
<u>PH-213</u>	General Physics With Calculus	5.00
<u>Social Science Electives</u>		3.00-4.00
	Credits	12-13
	Total Credits	93-95

Arts and Humanities (General) Electives

<u>ART-101</u>	Art Appreciation	3.00
<u>ART-204</u>	History of Art/Ancient Through Medieval	4.00
<u>ART-205</u>	History of Art/Romanesque Through Baroque	4.00
<u>ART-206</u>	History of Art/Enlightenment Through Contemporary	4.00
<u>ART-232</u>	Life Drawing (Figure Emphasis)	4.00
<u>ART-233</u>	Drawing for Comics	4.00
<u>ART-250</u>	Ceramics/Beginning	4.00
<u>ART-252</u>	Ceramics/Wheel-Throwing I	4.00
<u>ART-253</u>	Ceramics/Intermediate	4.00
<u>ART-255</u>	Ceramics/Wheel-Throwing II	4.00
<u>ART-257</u>	Metalsmithing/Jewelry	4.00
<u>ART-282</u>	Painting: The Figure/Beginning	4.00
<u>ART-283</u>	Painting: Landscapes/Beginning	4.00
<u>ART-284</u>	Painting: Still Life/Intermediate	4.00
<u>ART-285</u>	Painting: The Figure/Intermediate	4.00
<u>ART-286</u>	Painting: Landscapes/Intermediate	4.00
<u>ART-292</u>	Sculpture (Figure Emphasis)	4.00
<u>ART-293</u>	Sculpture (Metal Emphasis)	4.00
<u>COMM-126</u>	Intro to Communication, Gender, and Sexuality	4.00
<u>COMM-140</u>	Introduction to Intercultural Communication	4.00
<u>COMM-219</u>	Small Group Discussion	4.00
<u>COMM-227</u>	Nonverbal Communication	4.00
<u>ENG-104Z</u>	Introduction to Fiction	4.00
<u>ENG-108</u>	World Literature: Early Middle Ages through the 18th Century	4.00
<u>ENG-109</u>	World Literature: The 19th through 21st Centuries	4.00
<u>ENG-116</u>	Introduction to Literature: Comics	4.00
<u>ENG-121</u>	Mystery Fiction	4.00
<u>ENG-194</u>	Introduction to Film	4.00
<u>ENG-195</u>	American Film	4.00

ENG-250	Greek Mythology	4.00
ENG-213	U.S. Latinx Literature	4.00
ENG-218	Arthurian Literature	4.00
ENG-226	Popular Literature	4.00
ENG-241	Norse Mythology	4.00
ENG-251	Celtic Mythology	4.00
ENG-261	Literature of Science Fiction	4.00
ENG-270	Introduction to Literary Criticism	4.00
ENG-272	World Literature: Early Middle Ages through the 18th Century	4.00
ENG-295	Revolutionary Film	4.00
ENG-296	Adaptation: Literature Into Film	4.00
HST-101	History of Western Civilization	4.00
HST-102	History of Western Civilization	4.00
HST-103	History of Western Civilization	4.00
HST-201	United States History I	4.00
HST-202	United States History II	4.00
HST-203	United States History III	4.00
HST-201Z	Course HST-201Z Not Found	4.00
HST-202Z	Course HST-202Z Not Found	4.00
HST-203Z	Course HST-203Z Not Found	4.00
J-211	Mass Media & Society	4.00
J-216	Writing for Media	4.00
MUS-111	Music Theory I	3.00
MUS-112	Music Theory I	3.00
MUS-113	Music Theory I	3.00
MUS-205	Music Literature: History of Jazz	4.00
MUS-206	Music Literature: History of Rock	4.00
MUS-211	Music Theory II	3.00
MUS-212	Music Theory II	3.00

<u>MUS-213</u>	Music Theory II	3.00
<u>PHL-101</u>	Philosophical Problems	4.00
<u>PHL-102</u>	Ethics	4.00
<u>PHL-205</u>	Moral Issues	4.00
<u>PHL-210</u>	Philosophy of Religion	4.00
<u>R-101</u>	Judaism and Foundations of Religion	4.00
<u>R-204</u>	History of Christianity	4.00
<u>R-211</u>	History of the Old Testament	4.00
<u>R-212</u>	History of the New Testament	4.00
<u>TA-101</u>	Appreciation of Theatre	4.00
<u>TA-102</u>	Appreciation of Theatre	4.00
<u>TA-103</u>	Appreciation of Theatre	4.00
<u>TA-111</u>	Fundamentals of Technical Theatre	4.00
<u>TA-143</u>	Acting III	4.00
<u>TA-153</u>	Theatre Rehearsal & Performance	3.00
<u>WR-220</u>	Creative Writing: Comics	4.00
<u>WR-240</u>	Creative Nonfiction Writing I	4.00
<u>WR-241</u>	Fiction Writing I	4.00
<u>WR-242</u>	Poetry Writing I	4.00
<u>WR-243</u>	Playwriting I	4.00
<u>WR-244</u>	Fiction Writing II	4.00
<u>WR-247</u>	Playwriting II	4.00
<u>WR-262</u>	Introduction to Screenwriting	4.00
<u>WR-265</u>	Digital Storytelling	4.00
<u>WR-270</u>	Creative Nonfiction Writing II: Food Writing	4.00

Arts and Humanities (Global) Electives

<u>ANT-103</u>	Cultural Anthropology	4.00
<u>ENG-252</u>	Hindu Mythology	4.00

<u>ES-231</u>	Introduction to Southeast Asian and South Pacific Island Diaspora Studies	4.00
<u>GEO-110</u>	Cultural & Human Geography	4.00
<u>PHL-213</u>	Asian Philosophy	4.00
<u>R-103</u>	Asian Religions	4.00
<u>R-210</u>	World Religions	4.00

Social Science Electives

<u>CJA-101</u>	Criminology	4.00
<u>CJA-201</u>	Juvenile Delinquency	4.00
<u>EC-200</u>	Contemporary Economic Issues	4.00
<u>EC-201Z</u>	Principles of Microeconomics	4.00
<u>EC-202Z</u>	Principles of Macroeconomics	4.00
<u>ED-229</u>	Learning & Development	3.00
<u>GEO-100</u>	Introduction to Physical Geography	4.00
<u>GEO-110</u>	Cultural & Human Geography	4.00
<u>GEO-130</u>	Introduction to Environmental Geography	4.00
<u>GEO-208</u>	Geography of the United States & Canada	4.00
<u>HDF-140</u>	Contemporary American Families	3.00
<u>HST-131</u>	History of Crime & Punishment in Western Civilization	4.00
<u>HST-132</u>	History of Language and the Written Word in Western Civilization	4.00
<u>HST-136</u>	History of Popular Culture, Entertainment & Sports in Western Civilization	4.00
<u>HST-137</u>	History of Science, Medicine, & Technology in Western Civilization	4.00
<u>PS-200</u>	Introduction to Political Science	4.00
<u>PS-201</u>	American Government and Politics	4.00
<u>PS-205</u>	International Relations	4.00
<u>PS-225</u>	Introduction to Political Ideologies	4.00
<u>PS-297</u>	Introduction to Environmental Politics	4.00
<u>PSY-201Z</u>	Introduction to Psychology I	4.00
<u>PSY-202Z</u>	Introduction to Psychology II	4.00

<u>PSY-215</u>	Introduction to Developmental Psychology	4.00
<u>PSY-219</u>	Introduction to Psychological Disorders	4.00
<u>PSY-231</u>	Introduction to Human Sexuality	4.00
<u>SOC-204Z</u>	Introduction to Sociology	4.00
<u>SOC-210</u>	Marriage, Family, & Intimate Relations	4.00
<u>SSC-235</u>	Perspectives on Terrorism	4.00
<u>WS-101</u>	Introduction to Women's Studies	4.00

Optional

While not required for the AS degree, students may complete additional coursework at CCC that will meet requirements for the Bachelor of Science degree at Oregon State University. The Bachelor of Science degree requires the completion of one course from the category below.

[CS-260](#) Data Structures will count for a Junior Engineering Elective at OSU

Difference, Power, and Oppression Foundation Electives

<u>ED-258</u>	Culturally Responsive Education	3.00
<u>ES-211</u>	Introduction to Latino/a/x Studies	4.00
<u>ES-221</u>	Introduction to Black Studies	4.00

Reviewer
Comments

Program Change Request

Date Submitted: 03/18/26 11:19 am

Viewing: **AS.PSUELECTENGR : AS, Electrical**

Engineering, PSU

Last approved: 11/21/25 9:03 am

Last edit: 03/18/26 11:19 am

Changes proposed by: Megan Feagles (megan.feagles)

Catalog Pages Using
this Program

[Electrical Engineering Emphasis, AS - with Portland State University](#)

Change Type

Program Contact Information

Are you the Faculty Contact Person?

In Workflow

1. Curriculum Office
2. DASC Dean
3. Curriculum Committee Approval

Approval Path

1. 03/23/26 9:29 am
Megan Feagles (megan.feagles):
Approved for Curriculum Office
2. 03/23/26 10:37 am
Anne-Mary Nash-Haruna (annemary.nashharu)
Approved for DASC Dean

History

1. Oct 6, 2022 by clmig-kxayasene
2. Nov 28, 2022 by Megan Feagles (megan.feagles)
3. Dec 2, 2022 by Megan Feagles (megan.feagles)
4. Apr 18, 2023 by Megan Feagles (megan.feagles)
5. Jun 5, 2023 by Megan Feagles (megan.feagles)

6. Nov 3, 2023 by Michael Farrell (mike.farrell)
7. Feb 2, 2024 by Eric Lee (elee)
8. Feb 16, 2024 by Eric Lee (elee)
9. Mar 11, 2024 by Megan Feagles (megan.feagles)
10. Mar 22, 2024 by Megan Feagles (megan.feagles)
11. Jan 17, 2025 by Megan Feagles (megan.feagles)
12. Feb 7, 2025 by Eric Lee (elee)
13. Apr 4, 2025 by Megan Feagles (megan.feagles)
14. Nov 21, 2025 by Eric Lee (elee)

Program Overview

Name of Proposed Program

AS, Electrical Engineering, PSU

Program Code AS.PSUELECTENGR

Award (CCWD)

Associate of Science (90-108 credits) (AS)

Type of Program Associate of Science (AS)
(CCC)

Educational Focus Science, Technology, Engineering and Math
Area (STEM)

Effective Catalog 2026-2027
Edition

Career Area Industrial and Engineering Systems

Department	Engineering Sciences
Division	Arts and Sciences
Other locations (institutions) this Program will be offered	
CIP Code	14.0101 - Engineering, General.

Program Award Information

Program Learning Outcomes (PLOs)

Upon successful completion of this program, students should be able to:

	Outcome(s)
1	apply the fundamental elements of engineering design;
2	employ mathematics, science, and computing techniques in a systematic and rigorous manner to support the study and solution of engineering problems;
3	conduct and document laboratory experiments in the sciences and engineering, effectively communicating determined quantitative relationships using both graphs and equations;
4	exhibit good teamwork skills and serve as effective members of laboratory and project teams;
5	articulate and justify graphical, numerical, and analytical solutions to an audience through oral and written communication.

Proposed Curriculum

Plan of Study Grid

First Year

Fall Term		Credits
CH-221	General Chemistry	5.00
<u>CH-221Z</u>	<u>General Chemistry I</u>	<u>5.00</u>
<u>& CH-227Z</u>	<u>and General Chemistry I Laboratory</u>	
<u>CS-161</u>	Computer Science I	4.00
<u>ENGR-111</u>	Introduction to Engineering	3.00
<u>MTH-251Z</u>	Differential Calculus	4.00
	Credits	16
Winter Term		
<u>CS-162</u>	Computer Science II	4.00

ENGR-112	Engineering Programming	3.00
ENGR-171	Digital Logic	4.00
MTH-252Z	Integral Calculus	4.00
	Credits	15
Spring Term		
COMM-111Z	Public Speaking	4.00
ENGR-271	Digital Systems	4.00
MTH-261	Linear Algebra	4.00
WR-121Z	Composition I	4.00
	Credits	16
Summer Term		
MTH-256	Differential Equations	4.00
	Credits	4
Second Year		
Fall Term		
ENGR-221	Electrical Circuit Analysis I	4.00
MTH-254	Vector Calculus	5.00
PH-211	General Physics With Calculus	5.00
WR-227Z	Technical Writing	4.00
	Credits	18
Winter Term		
ENGR-222	Electrical Circuit Analysis II	4.00
MTH-253Z	Calculus: Sequences and Series	4.00
PH-212	General Physics With Calculus	5.00
Race and Ethnic Studies Electives		4.00
	Credits	17
Spring Term		
ENGR-223	Electrical Circuit Analysis III	4.00
PH-213	General Physics With Calculus	5.00
Arts & Letters Electives		4.00
Select one of the following:		3.00-4.00
Arts & Letters Electives		
Social Science Electives		
	Credits	16-17
	Total Credits	102-103

Arts & Letters Electives

All courses in [ASL](#), [COMM](#), [ENG](#), [FR](#), [GER](#), [HUM](#), [PHL](#), [SPN](#), [WR](#). Note that native speakers should only take advanced (300 level or above) world language courses.

Non-performance based courses in art, journalism, music, and theater also meet this requirement:

ART-101	Art Appreciation	3.00
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<u>ART-204</u>	History of Art/Ancient Through Medieval	4.00
<u>ART-205</u>	History of Art/Romanesque Through Baroque	4.00
<u>ART-206</u>	History of Art/Enlightenment Through Contemporary	4.00
<u>J-211</u>	Mass Media & Society	4.00
<u>MUS-105</u>	Music Appreciation	3.00
<u>MUS-141</u>	Introduction to the Music Business	3.00
<u>MUS-205</u>	Music Literature: History of Jazz	4.00
<u>MUS-206</u>	Music Literature: History of Rock	4.00
<u>TA-101</u>	Appreciation of Theatre	4.00
<u>TA-102</u>	Appreciation of Theatre	4.00

Race and Ethnic Studies Electives

<u>ES-101</u>	Introduction to Ethnic Studies	4.00
<u>ES-211</u>	Introduction to Latino/a/x Studies	4.00
<u>ES-221</u>	Introduction to Black Studies	4.00
<u>ES-231</u>	Introduction to Southeast Asian and South Pacific Island Diaspora Studies	4.00
<u>ES-241</u>	Introduction to Native American Studies	4.00

Social Science Electives

All courses in [ANT](#), [EC](#), [ES](#), [GEO](#), [HST](#), [PS](#), [PSY](#), [SOC](#), [SSC](#), and [WS](#)

Reviewer
Comments

Program Change Request

Date Submitted: 03/18/26 11:17 am

Viewing: **AS.OSUENVIRENGR : AS, Environmental Engineering, OSU**

Last approved: 02/06/26 8:35 am

Last edit: 03/18/26 11:17 am

Changes proposed by: Megan Feagles (megan.feagles)

Catalog Pages Using
this Program

[Environmental Engineering Emphasis, AS - with Oregon State University](#)

Change Type

Program Contact Information

Are you the Faculty Contact Person?

In Workflow

1. Curriculum Office
2. DASC Dean
3. Curriculum Committee Approval

Approval Path

1. 03/23/26 9:28 am
Megan Feagles (megan.feagles):
Approved for Curriculum Office
2. 03/23/26 10:36 am
Anne-Mary Nash-Haruna (annemary.nashharu)
Approved for DASC Dean

History

1. Oct 6, 2022 by clmig-kxayasene
2. Nov 28, 2022 by Megan Feagles (megan.feagles)
3. Apr 18, 2023 by Megan Feagles (megan.feagles)
4. Jun 5, 2023 by Megan Feagles (megan.feagles)
5. Dec 1, 2023 by Eric Lee (elee)
6. Feb 16, 2024 by Eric Lee (elee)

7. Mar 11, 2024 by Megan Feagles (megan.feagles)
8. Mar 15, 2024 by Megan Feagles (megan.feagles)
9. Mar 15, 2024 by Megan Feagles (megan.feagles)
10. Apr 5, 2024 by Megan Feagles (megan.feagles)
11. Apr 4, 2025 by Megan Feagles (megan.feagles)
12. May 3, 2025 by Megan Feagles (megan.feagles)
13. Jun 6, 2025 by Megan Feagles (megan.feagles)
14. Nov 21, 2025 by Eric Lee (elee)
15. Feb 6, 2026 by Megan Feagles (megan.feagles)

Program Overview

Name of Proposed Program

AS, Environmental Engineering, OSU

Program Code AS.OSUENVIRENGR

Award (CCWD)

Associate of Science (90-108 credits) (AS)

Type of Program Associate of Science (AS)
(CCC)

Educational Focus Science, Technology, Engineering and Math
Area (STEM)

Effective Catalog Edition	2026-2027
Career Area	Industrial and Engineering Systems
Department	Engineering Sciences
Division	Arts and Sciences
Other locations (institutions) this Program will be offered	
CIP Code	14.0101 - Engineering, General.

Program Award Information

Program Learning Outcomes (PLOs)

Upon successful completion of this program, students should be able to:

	Outcome(s)
1	apply the fundamental elements of engineering design;
2	employ mathematics, science, and computing techniques in a systematic and rigorous manner to support the study and solution of engineering problems;
3	conduct and document laboratory experiments in the sciences and engineering, effectively communicating determined quantitative relationships using both graphs and equations;
4	exhibit good teamwork skills and serve as effective members of laboratory and project teams;
5	articulate and justify graphical, numerical, and analytical solutions to an audience through oral and written communication.

Proposed Curriculum

Plan of Study Grid

First Year

Fall Term		Credits
CH-221	General Chemistry	5.00
<u>CH-221Z</u>	<u>General Chemistry I</u>	<u>5.00</u>
<u>& CH-227Z</u>	<u>and General Chemistry I Laboratory</u>	
<u>ENGR-111</u>	Introduction to Engineering	3.00
<u>MTH-251Z</u>	Differential Calculus	4.00

<u>WR-121Z</u>	Composition I	4.00
	Credits	16
Winter Term		
<u>BI-204</u>	Elementary Microbiology	4.00-5.00
	or <u>BI-221Z</u> or Principles of Biology: Cells	
<u>CH-222</u>	General Chemistry	5.00
<u>CH-222Z</u>	<u>General Chemistry II</u>	<u>5.00</u>
	<u>& CH-228Z and General Chemistry II Laboratory</u>	
<u>ENGR-112</u>	Engineering Programming	3.00
<u>MTH-252Z</u>	Integral Calculus	4.00
	Credits	16-17
Spring Term		
<u>CH-223</u>	General Chemistry	5.00
<u>CH-223Z</u>	<u>General Chemistry III</u>	<u>5.00</u>
	<u>& CH-229Z and General Chemistry III Laboratory</u>	
<u>ENGR-115</u>	Engineering Graphics	3.00
<u>MTH-254</u>	Vector Calculus	5.00
<u>WR-227Z</u>	Technical Writing	4.00
	Credits	17
Summer Term		
<u>COMM-111Z</u>	Public Speaking	4.00
<u>MTH-256</u>	Differential Equations	4.00
	Credits	8
Second Year		
Fall Term		
<u>ENGR-211</u>	Statics	4.00
<u>PH-211</u>	General Physics With Calculus	5.00
<u>Arts and Humanities (Global) Electives</u>		4.00
	Credits	13
Winter Term		
<u>CS-161</u>	Computer Science I	4.00
<u>ENGR-212</u>	Dynamics	4.00
<u>PH-212</u>	General Physics With Calculus	5.00
<u>Arts and Humanities (General) Electives</u>		3.00-4.00
	Credits	16-17
Spring Term		
<u>ENGR-213</u>	Strength of Materials	4.00
<u>MTH-253Z</u>	Calculus: Sequences and Series	4.00
<u>PH-213</u>	General Physics With Calculus	5.00
<u>Social Science Electives</u>		3.00-4.00
	Credits	16-17
	Total Credits	102-105

Arts and Humanities (General) Electives

<u>ART-101</u>	Art Appreciation	3.00
<u>ART-204</u>	History of Art/Ancient Through Medieval	4.00
<u>ART-205</u>	History of Art/Romanesque Through Baroque	4.00
<u>ART-206</u>	History of Art/Enlightenment Through Contemporary	4.00
<u>ART-232</u>	Life Drawing (Figure Emphasis)	4.00
<u>ART-233</u>	Drawing for Comics	4.00
<u>ART-250</u>	Ceramics/Beginning	4.00
<u>ART-252</u>	Ceramics/Wheel-Throwing I	4.00
<u>ART-253</u>	Ceramics/Intermediate	4.00
<u>ART-255</u>	Ceramics/Wheel-Throwing II	4.00
<u>ART-257</u>	Metalsmithing/Jewelry	4.00
<u>ART-282</u>	Painting: The Figure/Beginning	4.00
<u>ART-283</u>	Painting: Landscapes/Beginning	4.00
<u>ART-284</u>	Painting: Still Life/Intermediate	4.00
<u>ART-285</u>	Painting: The Figure/Intermediate	4.00
<u>ART-286</u>	Painting: Landscapes/Intermediate	4.00
<u>ART-292</u>	Sculpture (Figure Emphasis)	4.00
<u>ART-293</u>	Sculpture (Metal Emphasis)	4.00
<u>COMM-126</u>	Intro to Communication, Gender, and Sexuality	4.00
<u>COMM-140</u>	Introduction to Intercultural Communication	4.00
<u>COMM-219</u>	Small Group Discussion	4.00
<u>COMM-227</u>	Nonverbal Communication	4.00
<u>ENG-104Z</u>	Introduction to Fiction	4.00
<u>ENG-108</u>	World Literature: Early Middle Ages through the 18th Century	4.00
<u>ENG-109</u>	World Literature: The 19th through 21st Centuries	4.00
<u>ENG-116</u>	Introduction to Literature: Comics	4.00
<u>ENG-121</u>	Mystery Fiction	4.00

<u>ENG-194</u>	Introduction to Film	4.00
<u>ENG-195</u>	American Film	4.00
<u>ENG-250</u>	Greek Mythology	4.00
<u>ENG-213</u>	U.S. Latinx Literature	4.00
<u>ENG-218</u>	Arthurian Literature	4.00
<u>ENG-226</u>	Popular Literature	4.00
<u>ENG-241</u>	Norse Mythology	4.00
<u>ENG-251</u>	Celtic Mythology	4.00
<u>ENG-261</u>	Literature of Science Fiction	4.00
<u>ENG-270</u>	Introduction to Literary Criticism	4.00
<u>ENG-272</u>	World Literature: Early Middle Ages through the 18th Century	4.00
<u>ENG-295</u>	Revolutionary Film	4.00
<u>ENG-296</u>	Adaptation: Literature Into Film	4.00
<u>HST-101</u>	History of Western Civilization	4.00
<u>HST-102</u>	History of Western Civilization	4.00
<u>HST-103</u>	History of Western Civilization	4.00
<u>HST-201</u>	United States History I	4.00
<u>HST-202</u>	United States History II	4.00
<u>HST-203</u>	United States History III	4.00
<u>HST-201Z</u>	<u>Course HST-201Z Not Found</u>	<u>4.00</u>
<u>HST-202Z</u>	<u>Course HST-202Z Not Found</u>	<u>4.00</u>
<u>HST-203Z</u>	<u>Course HST-203Z Not Found</u>	<u>4.00</u>
<u>J-211</u>	Mass Media & Society	4.00
<u>J-216</u>	Writing for Media	4.00
<u>MUS-111</u>	Music Theory I	3.00
<u>MUS-112</u>	Music Theory I	3.00
<u>MUS-113</u>	Music Theory I	3.00
<u>MUS-205</u>	Music Literature: History of Jazz	4.00
<u>MUS-206</u>	Music Literature: History of Rock	4.00

<u>MUS-211</u>	Music Theory II	3.00
<u>MUS-212</u>	Music Theory II	3.00
<u>MUS-213</u>	Music Theory II	3.00
<u>PHL-101</u>	Philosophical Problems	4.00
<u>PHL-102</u>	Ethics	4.00
<u>PHL-205</u>	Moral Issues	4.00
<u>PHL-210</u>	Philosophy of Religion	4.00
<u>R-101</u>	Judaism and Foundations of Religion	4.00
<u>R-204</u>	History of Christianity	4.00
<u>R-211</u>	History of the Old Testament	4.00
<u>R-212</u>	History of the New Testament	4.00
<u>TA-101</u>	Appreciation of Theatre	4.00
<u>TA-102</u>	Appreciation of Theatre	4.00
<u>TA-103</u>	Appreciation of Theatre	4.00
<u>TA-111</u>	Fundamentals of Technical Theatre	4.00
<u>TA-143</u>	Acting III	4.00
<u>TA-153</u>	Theatre Rehearsal & Performance	3.00
<u>WR-220</u>	Creative Writing: Comics	4.00
<u>WR-240</u>	Creative Nonfiction Writing I	4.00
<u>WR-241</u>	Fiction Writing I	4.00
<u>WR-242</u>	Poetry Writing I	4.00
<u>WR-243</u>	Playwriting I	4.00
<u>WR-244</u>	Fiction Writing II	4.00
<u>WR-247</u>	Playwriting II	4.00
<u>WR-262</u>	Introduction to Screenwriting	4.00
<u>WR-265</u>	Digital Storytelling	4.00
<u>WR-270</u>	Creative Nonfiction Writing II: Food Writing	4.00

Arts and Humanities (Global) Electives

<u>ANT-103</u>	Cultural Anthropology	4.00
<u>ENG-252</u>	Hindu Mythology	4.00
<u>ES-231</u>	Introduction to Southeast Asian and South Pacific Island Diaspora Studies	4.00
<u>GEO-110</u>	Cultural & Human Geography	4.00
<u>PHL-213</u>	Asian Philosophy	4.00
<u>R-103</u>	Asian Religions	4.00
<u>R-210</u>	World Religions	4.00

Social Science Electives

<u>CJA-101</u>	Criminology	4.00
<u>CJA-201</u>	Juvenile Delinquency	4.00
<u>EC-200</u>	Contemporary Economic Issues	4.00
<u>EC-201Z</u>	Principles of Microeconomics	4.00
<u>EC-202Z</u>	Principles of Macroeconomics	4.00
<u>ED-229</u>	Learning & Development	3.00
<u>GEO-100</u>	Introduction to Physical Geography	4.00
<u>GEO-110</u>	Cultural & Human Geography	4.00
<u>GEO-130</u>	Introduction to Environmental Geography	4.00
<u>GEO-208</u>	Geography of the United States & Canada	4.00
<u>HDF-140</u>	Contemporary American Families	3.00
<u>HST-131</u>	History of Crime & Punishment in Western Civilization	4.00
<u>HST-132</u>	History of Language and the Written Word in Western Civilization	4.00
<u>HST-136</u>	History of Popular Culture, Entertainment & Sports in Western Civilization	4.00
<u>HST-137</u>	History of Science, Medicine, & Technology in Western Civilization	4.00
<u>PS-200</u>	Introduction to Political Science	4.00
<u>PS-201</u>	American Government and Politics	4.00
<u>PS-205</u>	International Relations	4.00
<u>PS-225</u>	Introduction to Political Ideologies	4.00
<u>PS-297</u>	Introduction to Environmental Politics	4.00

<u>PSY-201Z</u>	Introduction to Psychology I	4.00
<u>PSY-202Z</u>	Introduction to Psychology II	4.00
<u>PSY-215</u>	Introduction to Developmental Psychology	4.00
<u>PSY-219</u>	Introduction to Psychological Disorders	4.00
<u>PSY-231</u>	Introduction to Human Sexuality	4.00
<u>SOC-204Z</u>	Introduction to Sociology	4.00
<u>SOC-210</u>	Marriage, Family, & Intimate Relations	4.00
<u>SSC-235</u>	Perspectives on Terrorism	4.00
<u>WS-101</u>	Introduction to Women's Studies	4.00

Optional

While not required for the AS degree, students may complete additional coursework at CCC that will meet requirements for the Bachelor of Science degree at Oregon State University. The Bachelor of Science degree requires the completion of one course from the category below.

In addition, students may complete the Organic Chemistry sequence at CCC to get credit for OSU's CH 331 and two upper division Engineering electives. Note that you must take ALL of the courses in the sequence to get credit for the courses at OSU.

Difference, Power, and Oppression Foundation Electives

<u>ED-258</u>	Culturally Responsive Education	3.00
<u>ES-211</u>	Introduction to Latino/a/x Studies	4.00
<u>ES-221</u>	Introduction to Black Studies	4.00

Organic Chemistry Sequence

<u>CH-241</u>	Organic Chemistry I	5.00
<u>CH-242</u>	Organic Chemistry II	5.00
<u>CH-243</u>	Organic Chemistry III	5.00

Reviewer
Comments

Program Change Request

Date Submitted: 03/18/26 11:14 am

Viewing: **AS.PSUENVIRENGR : AS, Environmental Engineering, PSU**

Last approved: 11/21/25 9:03 am

Last edit: 03/18/26 11:14 am

Changes proposed by: Megan Feagles (megan.feagles)

Catalog Pages Using
this Program

[Environmental Engineering Emphasis, AS - with Portland State University.](#)

Change Type

Program Contact Information

Are you the Faculty Contact Person?

In Workflow

1. Curriculum Office
2. DASC Dean
3. Curriculum Committee Approval

Approval Path

1. 03/23/26 9:29 am
Megan Feagles (megan.feagles):
Approved for Curriculum Office
2. 03/23/26 10:37 am
Anne-Mary Nash-Haruna (annemary.nashharu)
Approved for DASC Dean

History

1. Oct 6, 2022 by clmig-kxayasene
2. Nov 28, 2022 by Megan Feagles (megan.feagles)
3. Dec 2, 2022 by Megan Feagles (megan.feagles)
4. Apr 18, 2023 by Megan Feagles (megan.feagles)
5. Jun 5, 2023 by Megan Feagles (megan.feagles)

6. Nov 3, 2023 by Eric Lee (elee)
7. Feb 16, 2024 by Eric Lee (elee)
8. Mar 11, 2024 by Megan Feagles (megan.feagles)
9. Mar 22, 2024 by Megan Feagles (megan.feagles)
10. Oct 17, 2024 by Megan Feagles (megan.feagles)
11. Jan 17, 2025 by Megan Feagles (megan.feagles)
12. Apr 4, 2025 by Megan Feagles (megan.feagles)
13. Jun 6, 2025 by Eric Lee (elee)
14. Nov 21, 2025 by Eric Lee (elee)

Program Overview

Name of Proposed Program

AS, Environmental Engineering, PSU

Program Code AS.PSUENVIRENGR

Award (CCWD)

Associate of Science (90-108 credits) (AS)

Type of Program Associate of Science (AS)
(CCC)

Educational Focus Science, Technology, Engineering and Math
Area (STEM)

Effective Catalog 2026-2027
Edition

Career Area Industrial and Engineering Systems

Department	Engineering Sciences
Division	Arts and Sciences
Other locations (institutions) this Program will be offered	
CIP Code	14.0101 - Engineering, General.

Program Award Information

Program Learning Outcomes (PLOs)

Upon successful completion of this program, students should be able to:

	Outcome(s)
1	apply the fundamental elements of engineering design;
2	employ mathematics, science, and computing techniques in a systematic and rigorous manner to support the study and solution of engineering problems;
3	conduct and document laboratory experiments in the sciences and engineering, effectively communicating determined quantitative relationships using both graphs and equations;
4	exhibit good teamwork skills and serve as effective members of laboratory and project teams;
5	articulate and justify graphical, numerical, and analytical solutions to an audience through oral and written communication.

Proposed Curriculum

Plan of Study Grid

First Year

Fall Term		Credits
CH-221	General Chemistry	5.00
<u>CH-221Z</u>	<u>General Chemistry I</u>	<u>5.00</u>
<u>& CH-227Z</u>	<u>and General Chemistry I Laboratory</u>	
<u>ENGR-111</u>	Introduction to Engineering	3.00
<u>MTH-251Z</u>	Differential Calculus	4.00
<u>WR-121Z</u>	Composition I	4.00
	Credits	16
Winter Term		
<u>BI-204</u>	Elementary Microbiology	4.00

<u>CH-222</u>	<u>General Chemistry</u>	<u>5.00</u>
<u>CH-222Z</u>	<u>General Chemistry II</u>	<u>5.00</u>
<u>& CH-228Z</u>	<u>and General Chemistry II Laboratory</u>	
<u>ENGR-112</u>	Engineering Programming	3.00
<u>MTH-252Z</u>	Integral Calculus	4.00
	Credits	16
Spring Term		
<u>COMM-111Z</u>	Public Speaking	4.00
<u>MTH-254</u>	Vector Calculus	5.00
<u>WR-227Z</u>	Technical Writing	4.00
<u>Arts & Letters Electives</u>		4.00
	Credits	17
Second Year		
Fall Term		
<u>ENGR-211</u>	Statics	4.00
<u>PH-211</u>	General Physics With Calculus	5.00
<u>Race and Ethnic Studies Electives</u>		4.00
	Credits	13
Winter Term		
<u>CDT-103</u>	Computer-Aided Drafting I	3.00
<u>ENGR-212</u>	Dynamics	4.00
<u>MTH-256</u>	Differential Equations	4.00
<u>PH-212</u>	General Physics With Calculus	5.00
	Credits	16
Spring Term		
<u>ENGR-213</u>	Strength of Materials	4.00
<u>MTH-261</u>	Linear Algebra	4.00
<u>PH-213</u>	General Physics With Calculus	5.00
Select one of the following:		3.00-4.00
<u>Arts & Letters Electives</u>		
<u>Social Science Electives</u>		
	Credits	16-17
	Total Credits	94-95

Arts & Letters Electives

All courses in [ASL](#), [COMM](#), [ENG](#), [FR](#), [GER](#), [HUM](#), [PHL](#), [SPN](#), [WR](#). Note that native speakers should only take advanced (300 level or above) world language courses.

Non-performance based courses in art, journalism, music, and theater also meet this requirement:

<u>ART-101</u>	Art Appreciation	3.00
<u>ART-204</u>	History of Art/Ancient Through Medieval	4.00

<u>ART-205</u>	History of Art/Romanesque Through Baroque	4.00
<u>ART-206</u>	History of Art/Enlightenment Through Contemporary	4.00
<u>J-211</u>	Mass Media & Society	4.00
<u>MUS-105</u>	Music Appreciation	3.00
<u>MUS-141</u>	Introduction to the Music Business	3.00
<u>MUS-205</u>	Music Literature: History of Jazz	4.00
<u>MUS-206</u>	Music Literature: History of Rock	4.00
<u>TA-101</u>	Appreciation of Theatre	4.00
<u>TA-102</u>	Appreciation of Theatre	4.00

Race and Ethnic Studies Electives

<u>ES-101</u>	Introduction to Ethnic Studies	4.00
<u>ES-211</u>	Introduction to Latino/a/x Studies	4.00
<u>ES-221</u>	Introduction to Black Studies	4.00
<u>ES-231</u>	Introduction to Southeast Asian and South Pacific Island Diaspora Studies	4.00
<u>ES-241</u>	Introduction to Native American Studies	4.00

Social Science Electives

All courses in [ANT](#), [EC](#), [ES](#), [GEO](#), [HST](#), [PS](#), [PSY](#), [SOC](#), [SSC](#), and [WS](#) or

<u>GIS-201</u>	Introduction to Geographic Information Systems (Recommended)	4.00
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Recommended

Take one additional Arts & Letters or Social Science elective.

Reviewer

Comments

Program Change Request

Date Submitted: 03/18/26 9:48 am

Viewing: **AS.PSUGEOLOGY : AS, Geology, PSU**

Last approved: 04/04/25 8:41 am

Last edit: 03/18/26 9:48 am

Changes proposed by: Megan Feagles (megan.feagles)

Catalog Pages Using
this Program

[Geology Emphasis, AS - with Portland State University.](#)

Change Type

Program Contact Information

Are you the Faculty Contact Person?

In Workflow

1. Curriculum Office
2. DASC Dean
3. Curriculum Committee Approval

Approval Path

1. 03/23/26 9:29 am
Megan Feagles (megan.feagles):
Approved for Curriculum Office
2. 03/23/26 10:38 am
Anne-Mary Nash-Haruna
(annemary.nashharu)
Approved for DASC Dean

History

1. Oct 6, 2022 by clmig-kxayasene
2. Jan 5, 2023 by Megan Feagles (megan.feagles)
3. Jan 6, 2023 by Megan Feagles (megan.feagles)
4. Jan 25, 2023 by Megan Feagles (megan.feagles)
5. Apr 18, 2023 by Megan Feagles (megan.feagles)

6. Jun 5, 2023 by Megan Feagles (megan.feagles)
7. Mar 11, 2024 by Megan Feagles (megan.feagles)
8. Mar 22, 2024 by Megan Feagles (megan.feagles)
9. Jun 5, 2024 by Megan Feagles (megan.feagles)
10. Nov 19, 2024 by Megan Feagles (megan.feagles)
11. Apr 4, 2025 by Megan Feagles (megan.feagles)

Program Overview

Name of Proposed Program

AS, Geology, PSU

Program Code AS.PSUGEOLOGY

Award (CCWD)

Associate of Science (90-108 credits) (AS)

Type of Program Associate of Science (AS)
(CCC)

Educational Focus Science, Technology, Engineering and Math
Area (STEM)

Effective Catalog 2026-2027
Edition

Career Area Agriculture, Food & Natural Resources
Systems

Department Science

Division Arts and Sciences

Other locations (institutions) this Program will be offered

Program Award Information

Program Learning Outcomes (PLOs)

Upon successful completion of this program, students should be able to:

	Outcome(s)
1	assess geological environments and explain human impact on the environment, hazards associated with them and how these hazards affect society;
2	use geologic tools to gather, assess, interpret and explain data relative to a geologic setting, tools include: rocks and minerals, maps, fossils compasses and GPS;
3	communicate complex ideas by demonstrating an ability to gather and analyze data, construct evidence-based arguments and critically evaluate information;
4	demonstrate an understanding of the basic principles that guide the science of geology, these include: plate tectonics, Earth's structure, seismology, rock and mineral formation, rock and mineral identification, fossil formation, geologic time and dating, surface processes, and Earth's history.

Proposed Curriculum

Plan of Study Grid

First Year

Fall Term	Credits
COMM-111Z Public Speaking	4.00
G-201 General Geology	4.00
& G-201L General Geology Lab	
MTH-095 or placement in MTH-111Z ¹	
WR-121Z Composition I	4.00
Credits	12

Winter Term

CS-120 Survey of Computing	4.00
G-202 General Geology	4.00
& G-202L General Geology Lab	
MTH-111Z Precalculus I: Functions	4.00
WR-122Z Composition II	4.00

	Credits	16
Spring Term		
G-203	General Geology	4.00
& G-203L	General Geology Lab	
MTH-112Z	Precalculus II: Trigonometry	4.00
General Elective		5.00-6.00
	Credits	13-14
Summer Term Option		
G-145 or G-148		
	Credits	0
Second Year		
Fall Term		
MTH-251Z	Differential Calculus	4.00
PH-201	General Physics	5.00
Social Science General Education Elective		4.00
Select one of the following: ²		4.00
General Elective		
CH-150	Preparatory Chemistry	-
CH-150Z	Course CH-150Z Not Found	=
	Credits	17
Winter Term		
CH-221	General Chemistry	5.00
CH-221Z	<u>General Chemistry I</u>	<u>5.00</u>
& CH-227Z	<u>and General Chemistry I Laboratory</u>	
MTH-252Z	Integral Calculus	4.00
Social Science General Education Elective		4.00
General Elective ³		3.00-4.00
	Credits	16-17
Spring Term		
CH-222	General Chemistry	5.00
CH-222Z	<u>General Chemistry II</u>	<u>5.00</u>
& CH-228Z	<u>and General Chemistry II Laboratory</u>	
COMM-140	Introduction to Intercultural Communication	4.00
STAT-243Z	Elementary Statistics I	4.00
General Elective (if not taken summer term)		3.00-4.00
	Credits	16-17
	Total Credits	90-93

General Electives

Any 3-4 credit course 100 level or above

Recommended courses that would complement upper division courses at Portland State University include:

MTH-253Z	Calculus: Sequences and Series	4.00
MTH-256	Differential Equations	4.00
World Languages: ASL , FR , GER , SPN		
GIS Courses		
1		
MTH-095 Algebra III does not count toward the degree		
2		
Take CH-150Z Course CH-150Z Not Found if needed to meet requisites for CH-221Z General Chemistry I		
3		
BI-165D Natural History of the Western Deserts recommended if summer courses not taken		

Social Science Electives

Any Social Science General Education course as listed in the [AAOT](#)

Recommended:

ANT-101	Biological Anthropology	4.00
ANT-102	Archaeology & Prehistory	4.00
GEO-100	Introduction to Physical Geography	4.00
GEO-130	Introduction to Environmental Geography	4.00
GEO-208	Geography of the United States & Canada	4.00
HST-137	History of Science, Medicine, & Technology in Western Civilization	4.00
PS-297	Introduction to Environmental Politics	4.00

Reviewer
Comments

Program Change Request

Date Submitted: 03/18/26 11:12 am

Viewing: **AS.OSUGENHORT : AS, Horticulture, OSU**

Last approved: 02/06/26 9:49 am

Last edit: 03/18/26 11:12 am

Changes proposed by: Megan Feagles (megan.feagles)

Catalog Pages Using
this Program

[Horticulture Emphasis, AS - with Oregon State University](#)

Change Type

Program Contact Information

Are you the Faculty Contact Person?

In Workflow

1. Curriculum Office
2. DASC Dean
3. Curriculum Committee Approval

Approval Path

1. 03/23/26 9:28 am
Megan Feagles (megan.feagles):
Approved for Curriculum Office
2. 03/23/26 10:36 am
Anne-Mary Nash-Haruna (annemary.nashharu)
Approved for DASC Dean

History

1. Oct 6, 2022 by clmig-kxayasene
2. Jan 5, 2023 by Megan Feagles (megan.feagles)
3. Apr 18, 2023 by Megan Feagles (megan.feagles)
4. Jun 5, 2023 by Megan Feagles (megan.feagles)
5. Jun 5, 2023 by Megan Feagles (megan.feagles)

6. Mar 11, 2024 by Megan Feagles (megan.feagles)
7. Mar 15, 2024 by Megan Feagles (megan.feagles)
8. Apr 5, 2024 by Megan Feagles (megan.feagles)
9. Jun 5, 2024 by Megan Feagles (megan.feagles)
10. Apr 4, 2025 by Megan Feagles (megan.feagles)
11. Oct 27, 2025 by Megan Feagles (megan.feagles)
12. Feb 6, 2026 by April Chastain (april.chastain)

Program Overview

Name of Proposed Program

AS, Horticulture, OSU

Program Code AS.OSUGENHORT

Award (CCWD)

Associate of Science (90-108 credits) (AS)

Type of Program Associate of Science (AS)
(CCC)

Educational Focus Natural Resources
Area

Effective Catalog 2026-2027
Edition

Career Area Agriculture, Food & Natural Resources
Systems

Department	Horticulture
Division	Arts and Sciences
Other locations (institutions) this Program will be offered	
CIP Code	01.0601 - Applied Horticulture/Horticulture Operations, General.

Program Award Information

Program Learning Outcomes (PLOs)

Upon successful completion of this program, students should be able to:

	Outcome(s)
1	communicate complex ideas by demonstrating an ability to gather and analyze data, construct evidence-based arguments and critically evaluate information;
2	demonstrate an understanding of how horticulture integrates with contemporary social and environmental issues;
3	apply critical thinking to assess a horticulture system: diagnose problems and recommend solutions;
4	identify common woody and herbaceous plants in the landscape.

Proposed Curriculum

Plan of Study Grid

First Year

Fall Term		Credits
CH-221	General Chemistry	5.00
<u>CH-221Z</u>	<u>General Chemistry I</u>	<u>5.00</u>
<u>& CH-227Z</u>	<u>and General Chemistry I Laboratory</u>	
<u>HOR-112</u>	Horticulture Career Exploration	2.00
<u>HOR-226</u>	Plant Identification/Fall ¹	4.00
<u>WR-121Z</u>	Composition I	4.00
<u>Horticulture Production & Management Electives</u>		2.00-3.00
	Credits	17-18

Winter Term

CH-222	General Chemistry	5.00
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<u>CH-222Z</u>	<u>General Chemistry II</u>	<u>5.00</u>
<u>& CH-228Z</u>	<u>and General Chemistry II Laboratory</u>	
<u>MTH-111Z</u>	Precalculus I: Functions	4.00
<u>WR-122Z</u>	Composition II	4.00
or <u>WR-227Z</u>	or Technical Writing	
<u>Horticulture Production & Management Electives</u>		2.00-3.00
Credits		15-16

Spring Term

<u>CH-223</u>	<u>General Chemistry</u>	<u>5.00</u>
<u>CH-223Z</u>	<u>General Chemistry III</u>	<u>5.00</u>
<u>& CH-229Z</u>	<u>and General Chemistry III Laboratory</u>	
<u>HOR-228</u>	Plant Identification/Spring ¹	4.00
<u>HPE-295</u>	Health & Fitness for Life	3.00
<u>Horticulture Production & Management Electives</u>		2.00-3.00
Credits		14-15

Second Year

Fall Term

<u>BI-221Z</u>	Principles of Biology: Cells	5.00
<u>Difference, Power, and Discrimination Electives</u>		4.00
<u>Literature and the Arts Electives</u>		3.00-4.00
Credits		12-13

Winter Term

<u>BI-222Z</u>	Principles of Biology: Organisms	5.00
<u>MTH-112Z</u>	Precalculus II: Trigonometry	4.00
<u>Cultural Diversity Electives</u>		4.00
<u>Social Processes and Institutions Electives</u>		4.00
Credits		17

Spring Term

<u>BI-223Z</u>	Principles of Biology: Ecology and Evolution	5.00
<u>COMM-111Z</u>	Public Speaking	4.00
or <u>COMM-218Z</u>	or Interpersonal Communication	
<u>HOR-215</u>	Herbaceous Perennials	3.00
<u>Western Culture Electives</u>		4.00
Credits		16
Total Credits		91-95

¹

[HOR-227](#) Plant Identification/Winter may be substituted for [HOR-226](#) Plant Identification/Fall or [HOR-228](#) Plant Identification/Spring. See Horticulture advisor for other possible substitutions

Cultural Diversity Electives²

<u>ENG-213</u>	U.S. Latinx Literature	4.00
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<u>GEO-110</u>	Cultural & Human Geography	4.00
<u>R-101</u>	Judaism and Foundations of Religion	4.00
<u>R-102</u>	Christianity and Islam	4.00
<u>R-103</u>	Asian Religions	4.00

Difference, Power, and Discrimination Electives²

HST-201	United States History I	4.00
HST-202	United States History II	4.00
HST-203	United States History III	4.00
<u>HST-201Z</u>	<u>Course HST-201Z Not Found</u>	<u>4.00</u>
<u>HST-202Z</u>	<u>Course HST-202Z Not Found</u>	<u>4.00</u>
<u>HST-203Z</u>	<u>Course HST-203Z Not Found</u>	<u>4.00</u>
<u>SOC-206Z</u>	Social Problems	4.00

Horticulture Production & Management Electives

<u>HOR-123</u>	Landscape Maintenance	3.00
<u>HOR-124</u>	Food Harvest	3.00
<u>HOR-224</u>	Landscape Installation	3.00
<u>HOR-225</u>	Arboriculture I	3.00
<u>HOR-231</u>	Irrigation Design	3.00
<u>HOR-236</u>	Insect Identification	2.00
<u>HOR-237</u>	Disease Identification	2.00
<u>HOR-240</u>	Irrigation Practices	3.00
<u>HOR-246</u>	Organic Gardening	2.00

Literature and the Arts Electives²

<u>ART-204</u>	History of Art/Ancient Through Medieval	4.00
<u>ART-205</u>	History of Art/Romanesque Through Baroque	4.00
<u>ART-206</u>	History of Art/Enlightenment Through Contemporary	4.00

<u>ENG-104Z</u>	Introduction to Fiction	4.00
<u>ENG-105Z</u>	Introduction to Drama	4.00
<u>ENG-106Z</u>	Introduction to Poetry	4.00
<u>MUS-105</u>	Music Appreciation	3.00

Social Processes and Institutions Electives²

<u>EC-201Z</u>	Principles of Microeconomics	4.00
<u>HST-103</u>	History of Western Civilization	4.00
<u>PHL-102</u>	Ethics	4.00
<u>PS-201</u>	American Government and Politics	4.00
<u>PS-205</u>	International Relations	4.00
<u>PSY-201Z</u>	Introduction to Psychology I	4.00
<u>SOC-205Z</u>	Social Change and Institutions	4.00

Western Culture Electives²

<u>ART-204</u>	History of Art/Ancient Through Medieval	4.00
<u>ART-205</u>	History of Art/Romanesque Through Baroque	4.00
<u>ART-206</u>	History of Art/Enlightenment Through Contemporary	4.00
<u>PHL-102</u>	Ethics	4.00

Notes

²
OSU requires students to complete one course in each category with no more than two courses in the same subject. Other options available post-transfer. Work with OSU advisor for course selection.

Reviewer
Comments

Program Change Request

Date Submitted: 03/18/26 12:24 pm

Viewing: **AS.OSUINDENG : AS, Industrial Engineering, OSU**

Last approved: 02/06/26 8:36 am

Last edit: 03/18/26 12:24 pm

Changes proposed by: Megan Feagles (megan.feagles)

Catalog Pages Using
this Program

[Industrial Engineering Emphasis, AS - with Oregon State University](#)

Change Type

Program Contact Information

Are you the Faculty Contact Person?

In Workflow

1. Curriculum Office
2. DASC Dean
3. Curriculum Committee Approval

Approval Path

1. 03/23/26 9:28 am
Megan Feagles (megan.feagles):
Approved for Curriculum Office
2. 03/23/26 10:37 am
Anne-Mary Nash-Haruna (annemary.nashharu)
Approved for DASC Dean

History

1. Oct 6, 2022 by clmig-kxayasene
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13. Apr 4, 2025 by Megan Feagles (megan.feagles)
14. May 3, 2025 by Megan Feagles (megan.feagles)
15. Jun 6, 2025 by Megan Feagles (megan.feagles)
16. Nov 21, 2025 by Eric Lee (elee)
17. Feb 6, 2026 by Megan Feagles (megan.feagles)

Program Overview

Name of Proposed Program

AS, Industrial Engineering, OSU

Program Code AS.OSUINDENG

Award (CCWD)

Associate of Science (90-108 credits) (AS)

Type of Program Associate of Science (AS)
(CCC)

Educational Focus Science, Technology, Engineering and Math
Area (STEM)

Effective Catalog 2026-2027
Edition

Career Area Industrial and Engineering Systems

Department Engineering Sciences

Division Arts and Sciences

Other locations (institutions) this Program will be offered

CIP Code 14.0101 - Engineering, General.

Program Award Information

Program Learning Outcomes (PLOs)

Upon successful completion of this program, students should be able to:

	Outcome(s)
1	apply the fundamental elements of engineering design;
2	employ mathematics, science, and computing techniques in a systematic and rigorous manner to support the study and solution of engineering problems;
3	conduct and document laboratory experiments in the sciences and engineering, effectively communicating determined quantitative relationships using both graphs and equations;
4	exhibit good teamwork skills and serve as effective members of laboratory and project teams;
5	articulate and justify graphical, numerical, and analytical solutions to an audience through oral and written communication.

Proposed Curriculum

Plan of Study Grid

First Year

Fall Term		Credits
<u>COMM-111Z</u>	Public Speaking	4.00
<u>ENGR-111</u>	Introduction to Engineering	3.00
<u>MTH-251Z</u>	Differential Calculus	4.00
<u>WR-121Z</u>	Composition I	4.00
	Credits	15
Winter Term		
<u>CH-221</u>	General Chemistry	5.00
<u>CH-221Z</u>	<u>General Chemistry I</u>	<u>5.00</u>
	<u>& CH-227Z and General Chemistry I Laboratory</u>	
<u>ENGR-112</u>	Engineering Programming	3.00
<u>MTH-252Z</u>	Integral Calculus	4.00
<u>Arts and Humanities (Global) Electives</u>		4.00
	Credits	16
Spring Term		
<u>CH-222</u>	General Chemistry	5.00
<u>CH-222Z</u>	<u>General Chemistry II</u>	<u>5.00</u>
	<u>& CH-228Z and General Chemistry II Laboratory</u>	
<u>ENGR-115</u>	Engineering Graphics	3.00
<u>MTH-254</u>	Vector Calculus	5.00
<u>WR-227Z</u>	Technical Writing	4.00
	Credits	17
Summer Term		
<u>MTH-256</u>	Differential Equations	4.00
	Credits	4
Second Year		
Fall Term		
<u>ENGR-211</u>	Statics	4.00
<u>PH-211</u>	General Physics With Calculus	5.00
<u>Arts and Humanities (General) Electives</u>		3.00-4.00
	Credits	12-13
Winter Term		
<u>CS-161</u>	Computer Science I	4.00
<u>ENGR-212</u>	Dynamics	4.00
<u>PH-212</u>	General Physics With Calculus	5.00
<u>Social Science Electives</u>		3.00-4.00
	Credits	16-17
Spring Term		
<u>ENGR-201</u>	Electrical Fundamentals	4.00
<u>ENGR-213</u>	Strength of Materials	4.00
<u>PH-213</u>	General Physics With Calculus	5.00
	Credits	13

Arts and Humanities (General) Electives

<u>ART-101</u>	Art Appreciation	3.00
<u>ART-204</u>	History of Art/Ancient Through Medieval	4.00
<u>ART-205</u>	History of Art/Romanesque Through Baroque	4.00
<u>ART-206</u>	History of Art/Enlightenment Through Contemporary	4.00
<u>ART-232</u>	Life Drawing (Figure Emphasis)	4.00
<u>ART-233</u>	Drawing for Comics	4.00
<u>ART-250</u>	Ceramics/Beginning	4.00
<u>ART-252</u>	Ceramics/Wheel-Throwing I	4.00
<u>ART-253</u>	Ceramics/Intermediate	4.00
<u>ART-255</u>	Ceramics/Wheel-Throwing II	4.00
<u>ART-257</u>	Metalsmithing/Jewelry	4.00
<u>ART-282</u>	Painting: The Figure/Beginning	4.00
<u>ART-283</u>	Painting: Landscapes/Beginning	4.00
<u>ART-284</u>	Painting: Still Life/Intermediate	4.00
<u>ART-285</u>	Painting: The Figure/Intermediate	4.00
<u>ART-286</u>	Painting: Landscapes/Intermediate	4.00
<u>ART-292</u>	Sculpture (Figure Emphasis)	4.00
<u>ART-293</u>	Sculpture (Metal Emphasis)	4.00
<u>COMM-126</u>	Intro to Communication, Gender, and Sexuality	4.00
<u>COMM-140</u>	Introduction to Intercultural Communication	4.00
<u>COMM-219</u>	Small Group Discussion	4.00
<u>COMM-227</u>	Nonverbal Communication	4.00
<u>ENG-104Z</u>	Introduction to Fiction	4.00
<u>ENG-108</u>	World Literature: Early Middle Ages through the 18th Century	4.00
<u>ENG-109</u>	World Literature: The 19th through 21st Centuries	4.00
<u>ENG-116</u>	Introduction to Literature: Comics	4.00

<u>ENG-121</u>	Mystery Fiction	4.00
<u>ENG-194</u>	Introduction to Film	4.00
<u>ENG-195</u>	American Film	4.00
<u>ENG-250</u>	Greek Mythology	4.00
<u>ENG-213</u>	U.S. Latinx Literature	4.00
<u>ENG-218</u>	Arthurian Literature	4.00
<u>ENG-226</u>	Popular Literature	4.00
<u>ENG-241</u>	Norse Mythology	4.00
<u>ENG-251</u>	Celtic Mythology	4.00
<u>ENG-261</u>	Literature of Science Fiction	4.00
<u>ENG-270</u>	Introduction to Literary Criticism	4.00
<u>ENG-272</u>	World Literature: Early Middle Ages through the 18th Century	4.00
<u>ENG-295</u>	Revolutionary Film	4.00
<u>ENG-296</u>	Adaptation: Literature Into Film	4.00
<u>HST-101</u>	History of Western Civilization	4.00
<u>HST-102</u>	History of Western Civilization	4.00
<u>HST-103</u>	History of Western Civilization	4.00
<u>HST-201</u>	United States History I	4.00
<u>HST-202</u>	United States History II	4.00
<u>HST-203</u>	United States History III	4.00
<u>HST-201Z</u>	<u>Course HST-201Z Not Found</u>	<u>4.00</u>
<u>HST-202Z</u>	<u>Course HST-202Z Not Found</u>	<u>4.00</u>
<u>HST-203Z</u>	<u>Course HST-203Z Not Found</u>	<u>4.00</u>
<u>J-211</u>	Mass Media & Society	4.00
<u>J-216</u>	Writing for Media	4.00
<u>MUS-111</u>	Music Theory I	3.00
<u>MUS-112</u>	Music Theory I	3.00
<u>MUS-113</u>	Music Theory I	3.00
<u>MUS-205</u>	Music Literature: History of Jazz	4.00

<u>MUS-206</u>	Music Literature: History of Rock	4.00
<u>MUS-211</u>	Music Theory II	3.00
<u>MUS-212</u>	Music Theory II	3.00
<u>MUS-213</u>	Music Theory II	3.00
<u>PHL-101</u>	Philosophical Problems	4.00
<u>PHL-102</u>	Ethics	4.00
<u>PHL-205</u>	Moral Issues	4.00
<u>PHL-210</u>	Philosophy of Religion	4.00
<u>R-101</u>	Judaism and Foundations of Religion	4.00
<u>R-204</u>	History of Christianity	4.00
<u>R-211</u>	History of the Old Testament	4.00
<u>R-212</u>	History of the New Testament	4.00
<u>TA-101</u>	Appreciation of Theatre	4.00
<u>TA-102</u>	Appreciation of Theatre	4.00
<u>TA-103</u>	Appreciation of Theatre	4.00
<u>TA-111</u>	Fundamentals of Technical Theatre	4.00
<u>TA-143</u>	Acting III	4.00
<u>TA-153</u>	Theatre Rehearsal & Performance	3.00
<u>WR-220</u>	Creative Writing: Comics	4.00
<u>WR-240</u>	Creative Nonfiction Writing I	4.00
<u>WR-241</u>	Fiction Writing I	4.00
<u>WR-242</u>	Poetry Writing I	4.00
<u>WR-243</u>	Playwriting I	4.00
<u>WR-244</u>	Fiction Writing II	4.00
<u>WR-247</u>	Playwriting II	4.00
<u>WR-262</u>	Introduction to Screenwriting	4.00
<u>WR-265</u>	Digital Storytelling	4.00
<u>WR-270</u>	Creative Nonfiction Writing II: Food Writing	4.00

Arts and Humanities (Global) Electives

<u>ANT-103</u>	Cultural Anthropology	4.00
<u>ENG-252</u>	Hindu Mythology	4.00
<u>ES-231</u>	Introduction to Southeast Asian and South Pacific Island Diaspora Studies	4.00
<u>GEO-110</u>	Cultural & Human Geography	4.00
<u>PHL-213</u>	Asian Philosophy	4.00
<u>R-103</u>	Asian Religions	4.00
<u>R-210</u>	World Religions	4.00

Social Science Electives

<u>CJA-101</u>	Criminology	4.00
<u>CJA-201</u>	Juvenile Delinquency	4.00
<u>EC-200</u>	Contemporary Economic Issues	4.00
<u>EC-201Z</u>	Principles of Microeconomics	4.00
<u>EC-202Z</u>	Principles of Macroeconomics	4.00
<u>ED-229</u>	Learning & Development	3.00
<u>GEO-100</u>	Introduction to Physical Geography	4.00
<u>GEO-110</u>	Cultural & Human Geography	4.00
<u>GEO-130</u>	Introduction to Environmental Geography	4.00
<u>GEO-208</u>	Geography of the United States & Canada	4.00
<u>HDF-140</u>	Contemporary American Families	3.00
<u>HST-131</u>	History of Crime & Punishment in Western Civilization	4.00
<u>HST-132</u>	History of Language and the Written Word in Western Civilization	4.00
<u>HST-136</u>	History of Popular Culture, Entertainment & Sports in Western Civilization	4.00
<u>HST-137</u>	History of Science, Medicine, & Technology in Western Civilization	4.00
<u>PS-200</u>	Introduction to Political Science	4.00
<u>PS-201</u>	American Government and Politics	4.00
<u>PS-205</u>	International Relations	4.00

<u>PS-225</u>	Introduction to Political Ideologies	4.00
<u>PS-297</u>	Introduction to Environmental Politics	4.00
<u>PSY-201Z</u>	Introduction to Psychology I	4.00
<u>PSY-202Z</u>	Introduction to Psychology II	4.00
<u>PSY-215</u>	Introduction to Developmental Psychology	4.00
<u>PSY-219</u>	Introduction to Psychological Disorders	4.00
<u>PSY-231</u>	Introduction to Human Sexuality	4.00
<u>SOC-204Z</u>	Introduction to Sociology	4.00
<u>SOC-210</u>	Marriage, Family, & Intimate Relations	4.00
<u>SSC-235</u>	Perspectives on Terrorism	4.00
<u>WS-101</u>	Introduction to Women's Studies	4.00

Optional

While not required for the AS degree, students may complete additional coursework at CCC that will meet requirements for the Bachelor of Science degree at Oregon State University. The Bachelor of Science degree requires the completion of one course from the category below.

Difference, Power, and Oppression Foundation Electives

<u>ED-258</u>	Culturally Responsive Education	3.00
<u>ES-211</u>	Introduction to Latino/a/x Studies	4.00
<u>ES-221</u>	Introduction to Black Studies	4.00

Reviewer
Comments

Program Change Request

Date Submitted: 03/18/26 12:20 pm

Viewing: **AS.OITMECHENGR : AS, Mechanical Engineering, OIT**

Last approved: 11/21/25 9:03 am

Last edit: 03/18/26 12:20 pm

Changes proposed by: Megan Feagles (megan.feagles)

Catalog Pages Using
this Program

[Mechanical Engineering Emphasis, AS - with Oregon Institute of Technology_\(Oregon Te](#)

Change Type

Program Contact Information

Are you the Faculty Contact Person?

In Workflow

1. Curriculum Office
2. DASC Dean
3. Curriculum Committee Approval

Approval Path

1. 03/23/26 9:26 am
Megan Feagles (megan.feagles):
Approved for Curriculum Office
2. 03/23/26 10:30 am
Anne-Mary Nash-Haruna (annemary.nashharu)
Approved for DASC Dean

History

1. Oct 6, 2022 by clmig-kxayasene
2. Apr 18, 2023 by Megan Feagles (megan.feagles)
3. Jun 5, 2023 by Megan Feagles (megan.feagles)
4. Feb 16, 2024 by Eric Lee (elee)
5. Mar 22, 2024 by Megan Feagles (megan.feagles)
6. Oct 18, 2024 by Eric Lee (elee)

7. Apr 4, 2025 by
Megan Feagles
(megan.feagles)
8. Nov 21, 2025 by Eric
Lee (elee)

Program Overview

Name of Proposed Program

AS, Mechanical Engineering, OIT

Program Code AS.OITMECHENGR

Award (CCWD)

Associate of Science (90-108 credits) (AS)

Type of Program Associate of Science (AS)
(CCC)

Educational Focus Science, Technology, Engineering and Math
Area (STEM)

Effective Catalog 2026-2027
Edition

Career Area Industrial and Engineering Systems

Department Engineering Sciences

Division Arts and Sciences

Other locations (institutions) this Program will be offered

CIP Code 14.0101 - Engineering, General.

Program Award Information

Program Learning Outcomes (PLOs)

Upon successful completion of this program, students should be able to:

	Outcome(s)
1	apply the fundamental elements of engineering design;

	Outcome(s)
2	employ mathematics, science, and computing techniques in a systematic and rigorous manner to support the study and solution of engineering problems;
3	conduct and document laboratory experiments in the sciences and engineering, effectively communicating determined quantitative relationships using both graphs and equations;
4	exhibit good teamwork skills and serve as effective members of laboratory and project teams;
5	articulate and justify graphical, numerical, and analytical solutions to an audience through oral and written communication.

Proposed Curriculum

Plan of Study Grid

First Year

Fall Term Credits

CH-221 **General Chemistry** 5.00

CH-221Z General Chemistry I 5.00

& CH-227Z and General Chemistry I Laboratory

ENGR-111 Introduction to Engineering 3.00

MTH-251Z Differential Calculus 4.00

WR-121Z Composition I 4.00

Credits 16

Winter Term

CH-222 **General Chemistry** 5.00

CH-222Z General Chemistry II 5.00

& CH-228Z and General Chemistry II Laboratory

ENGR-231 Properties of Materials 4.00

MTH-252Z Integral Calculus 4.00

Credits 13

Spring Term

COMM-111Z Public Speaking 4.00

ENGR-112 Engineering Programming 3.00

MTH-254 Vector Calculus 5.00

WR-227Z Technical Writing 4.00

Credits 16

Summer Term

MTH-256 Differential Equations 4.00

MTH-261 Linear Algebra 4.00

Credits 8

Second Year

Fall Term

ENGR-211	Statics	4.00
PH-211	General Physics With Calculus	5.00
Social Science Electives		3.00-4.00
	Credits	12-13

Winter Term

CDT-103	Computer-Aided Drafting I	3.00
ENGR-212	Dynamics	4.00
PH-212	General Physics With Calculus	5.00
Humanities Electives		3.00-4.00
	Credits	15-16

Spring Term

EC-201Z	Principles of Microeconomics	4.00
	or EC-202Z or Principles of Macroeconomics	
ENGR-201	Electrical Fundamentals	4.00
ENGR-213	Strength of Materials	4.00
PH-213	General Physics With Calculus	5.00
	Credits	17
	Total Credits	97-99

Humanities Electives

Any course from [ART](#), [ASL](#) (200-level), [ENG](#), [FR](#) (200-level), [GER](#) (200-level), [HUM](#), [MUS](#), [PHL](#), [R](#), [SPN](#) (200-level), [TA](#)

Social Science Electives

Any course from [ANT](#), [EC](#), [ES](#), [GEO](#), [HST](#), [PS](#), [PSY](#), [SOC](#), [SSC](#), [WS](#)

Optional

While not required for the AS degree, students may complete additional coursework at CCC that will meet requirements for the Bachelor of Science degree at Institute of Technology and is listed below.

COMM-219	Small Group Discussion	4.00
MFG-106	Advanced Applied Geometric Dimensioning and Tolerancing for Manufacturing	3.00
MTT-112	Manual Machining II	4.00
Additional Social Science Elective		3.00-4.00

Reviewer

Comments

Program Change Request

Date Submitted: 03/18/26 12:19 pm

Viewing: **AS.OSUSMECHENGR : AS, Mechanical Engineering, OSU**

Last approved: 02/06/26 8:36 am

Last edit: 03/18/26 12:19 pm

Changes proposed by: Megan Feagles (megan.feagles)

Catalog Pages Using
this Program

[Mechanical Engineering Emphasis, AS - with Oregon State University](#)

Change Type

Program Contact Information

Are you the Faculty Contact Person?

In Workflow

1. Curriculum Office
2. DASC Dean
3. Curriculum Committee Approval

Approval Path

1. 03/23/26 9:28 am
Megan Feagles (megan.feagles):
Approved for Curriculum Office
2. 03/23/26 10:37 am
Anne-Mary Nash-Haruna (annemary.nashharu)
Approved for DASC Dean

History

1. Oct 6, 2022 by clmig-kxayasene
2. Nov 28, 2022 by Megan Feagles (megan.feagles)
3. Apr 18, 2023 by Megan Feagles (megan.feagles)
4. Jun 5, 2023 by Megan Feagles (megan.feagles)
5. Oct 29, 2023 by Megan Feagles (megan.feagles)

6. Oct 30, 2023 by Megan Feagles (megan.feagles)
7. Feb 16, 2024 by Eric Lee (elee)
8. Mar 11, 2024 by Megan Feagles (megan.feagles)
9. Mar 15, 2024 by Megan Feagles (megan.feagles)
10. Apr 5, 2024 by Megan Feagles (megan.feagles)
11. Apr 4, 2025 by Megan Feagles (megan.feagles)
12. Jun 6, 2025 by Megan Feagles (megan.feagles)
13. Nov 21, 2025 by Eric Lee (elee)
14. Feb 6, 2026 by Megan Feagles (megan.feagles)

Program Overview

Name of Proposed Program

AS, Mechanical Engineering, OSU

Program Code AS.OSUSMECHENGR

Award (CCWD)

Associate of Science (90-108 credits) (AS)

Type of Program Associate of Science (AS)
(CCC)

Educational Focus Science, Technology, Engineering and Math
Area (STEM)

Effective Catalog Edition	2026-2027
Career Area	Industrial and Engineering Systems
Department	Engineering Sciences
Division	Arts and Sciences
Other locations (institutions) this Program will be offered	
CIP Code	14.0101 - Engineering, General.

Program Award Information

Program Learning Outcomes (PLOs)

Upon successful completion of this program, students should be able to:

	Outcome(s)
1	apply the fundamental elements of engineering design;
2	employ mathematics, science, and computing techniques in a systematic and rigorous manner to support the study and solution of engineering problems;
3	conduct and document laboratory experiments in the sciences and engineering, effectively communicating determined quantitative relationships using both graphs and equations;
4	exhibit good teamwork skills and serve as effective members of laboratory and project teams;
5	articulate and justify graphical, numerical, and analytical solutions to an audience through oral and written communication.

Proposed Curriculum

Plan of Study Grid

First Year

Fall Term		Credits
COMM-111Z	Public Speaking	4.00
ENGR-111	Introduction to Engineering	3.00
MTH-251Z	Differential Calculus	4.00
WR-121Z	Composition I	4.00
	Credits	15

Winter Term

<u>CH-221</u>	General Chemistry	5.00
<u>CH-221Z</u>	<u>General Chemistry I</u>	<u>5.00</u>
	<u>& CH-227Z</u>	<u>and General Chemistry I Laboratory</u>
<u>EC-201Z</u>	Principles of Microeconomics	4.00
	or <u>EC-202Z</u>	or Principles of Macroeconomics
<u>ENGR-112</u>	Engineering Programming	3.00
<u>MTH-252Z</u>	Integral Calculus	4.00
	Credits	16

Spring Term

<u>CH-222</u>	General Chemistry	5.00
<u>CH-223Z</u>	<u>General Chemistry III</u>	<u>5.00</u>
	<u>& CH-228Z</u>	<u>and General Chemistry II Laboratory</u>
<u>ENGR-115</u>	Engineering Graphics	3.00
<u>MTH-254</u>	Vector Calculus	5.00
<u>WR-227Z</u>	Technical Writing	4.00
	Credits	17

Summer Term

<u>MTH-256</u>	Differential Equations	4.00
	Credits	4

Second Year

Fall Term

<u>ENGR-211</u>	Statics	4.00
<u>ENGR-221</u>	Electrical Circuit Analysis I	4.00
<u>PH-211</u>	General Physics With Calculus	5.00
<u>Arts and Humanities (Global) Electives</u>		4.00
	Credits	17

Winter Term

<u>CS-161</u>	Computer Science I	4.00
<u>ENGR-212</u>	Dynamics	4.00
<u>ENGR-222</u>	Electrical Circuit Analysis II	4.00
<u>PH-212</u>	General Physics With Calculus	5.00
	Credits	17

Spring Term

<u>ENGR-213</u>	Strength of Materials	4.00
<u>PH-213</u>	General Physics With Calculus	5.00
<u>Arts and Humanities (General) Electives</u>		3.00-4.00
	Credits	12-13
	Total Credits	98-99

Arts and Humanities (General) Electives

<u>ART-101</u>	Art Appreciation	3.00
<u>ART-204</u>	History of Art/Ancient Through Medieval	4.00
<u>ART-205</u>	History of Art/Romanesque Through Baroque	4.00
<u>ART-206</u>	History of Art/Enlightenment Through Contemporary	4.00
<u>ART-232</u>	Life Drawing (Figure Emphasis)	4.00
<u>ART-233</u>	Drawing for Comics	4.00
<u>ART-250</u>	Ceramics/Beginning	4.00
<u>ART-252</u>	Ceramics/Wheel-Throwing I	4.00
<u>ART-253</u>	Ceramics/Intermediate	4.00
<u>ART-255</u>	Ceramics/Wheel-Throwing II	4.00
<u>ART-257</u>	Metalsmithing/Jewelry	4.00
<u>ART-282</u>	Painting: The Figure/Beginning	4.00
<u>ART-283</u>	Painting: Landscapes/Beginning	4.00
<u>ART-284</u>	Painting: Still Life/Intermediate	4.00
<u>ART-285</u>	Painting: The Figure/Intermediate	4.00
<u>ART-286</u>	Painting: Landscapes/Intermediate	4.00
<u>ART-292</u>	Sculpture (Figure Emphasis)	4.00
<u>ART-293</u>	Sculpture (Metal Emphasis)	4.00
<u>COMM-126</u>	Intro to Communication, Gender, and Sexuality	4.00
<u>COMM-140</u>	Introduction to Intercultural Communication	4.00
<u>COMM-219</u>	Small Group Discussion	4.00
<u>COMM-227</u>	Nonverbal Communication	4.00
<u>ENG-104Z</u>	Introduction to Fiction	4.00
<u>ENG-108</u>	World Literature: Early Middle Ages through the 18th Century	4.00
<u>ENG-109</u>	World Literature: The 19th through 21st Centuries	4.00
<u>ENG-116</u>	Introduction to Literature: Comics	4.00
<u>ENG-121</u>	Mystery Fiction	4.00
<u>ENG-194</u>	Introduction to Film	4.00
<u>ENG-195</u>	American Film	4.00

ENG-250	Greek Mythology	4.00
ENG-213	U.S. Latinx Literature	4.00
ENG-218	Arthurian Literature	4.00
ENG-226	Popular Literature	4.00
ENG-241	Norse Mythology	4.00
ENG-251	Celtic Mythology	4.00
ENG-261	Literature of Science Fiction	4.00
ENG-270	Introduction to Literary Criticism	4.00
ENG-272	World Literature: Early Middle Ages through the 18th Century	4.00
ENG-295	Revolutionary Film	4.00
ENG-296	Adaptation: Literature Into Film	4.00
HST-101	History of Western Civilization	4.00
HST-102	History of Western Civilization	4.00
HST-103	History of Western Civilization	4.00
HST-201	United States History I	4.00
HST-202	United States History II	4.00
HST-203	United States History III	4.00
HST-201Z	Course HST-201Z Not Found	4.00
HST-202Z	Course HST-202Z Not Found	4.00
HST-203Z	Course HST-203Z Not Found	4.00
J-211	Mass Media & Society	4.00
J-216	Writing for Media	4.00
MUS-111	Music Theory I	3.00
MUS-112	Music Theory I	3.00
MUS-113	Music Theory I	3.00
MUS-205	Music Literature: History of Jazz	4.00
MUS-206	Music Literature: History of Rock	4.00
MUS-211	Music Theory II	3.00
MUS-212	Music Theory II	3.00

<u>MUS-213</u>	Music Theory II	3.00
<u>PHL-101</u>	Philosophical Problems	4.00
<u>PHL-102</u>	Ethics	4.00
<u>PHL-205</u>	Moral Issues	4.00
<u>PHL-210</u>	Philosophy of Religion	4.00
<u>R-101</u>	Judaism and Foundations of Religion	4.00
<u>R-204</u>	History of Christianity	4.00
<u>R-211</u>	History of the Old Testament	4.00
<u>R-212</u>	History of the New Testament	4.00
<u>TA-101</u>	Appreciation of Theatre	4.00
<u>TA-102</u>	Appreciation of Theatre	4.00
<u>TA-103</u>	Appreciation of Theatre	4.00
<u>TA-111</u>	Fundamentals of Technical Theatre	4.00
<u>TA-143</u>	Acting III	4.00
<u>TA-153</u>	Theatre Rehearsal & Performance	3.00
<u>WR-220</u>	Creative Writing: Comics	4.00
<u>WR-240</u>	Creative Nonfiction Writing I	4.00
<u>WR-241</u>	Fiction Writing I	4.00
<u>WR-242</u>	Poetry Writing I	4.00
<u>WR-243</u>	Playwriting I	4.00
<u>WR-244</u>	Fiction Writing II	4.00
<u>WR-247</u>	Playwriting II	4.00
<u>WR-262</u>	Introduction to Screenwriting	4.00
<u>WR-265</u>	Digital Storytelling	4.00
<u>WR-270</u>	Creative Nonfiction Writing II: Food Writing	4.00

Arts and Humanities (Global) Electives

<u>ANT-103</u>	Cultural Anthropology	4.00
<u>ENG-252</u>	Hindu Mythology	4.00

<u>ES-231</u>	Introduction to Southeast Asian and South Pacific Island Diaspora Studies	4.00
<u>GEO-110</u>	Cultural & Human Geography	4.00
<u>PHL-213</u>	Asian Philosophy	4.00
<u>R-103</u>	Asian Religions	4.00
<u>R-210</u>	World Religions	4.00

Optional

While not required for the AS degree, students may complete additional coursework at CCC that will meet requirements for the Bachelor of Science degree at Oregon State University. The Bachelor of Science degree requires the completion of one course from the category below.

Difference, Power, and Oppression Foundation Electives

<u>ED-258</u>	Culturally Responsive Education	3.00
<u>ES-211</u>	Introduction to Latino/a/x Studies	4.00
<u>ES-221</u>	Introduction to Black Studies	4.00

Reviewer

Comments

Program Change Request

Date Submitted: 03/18/26 12:16 pm

Viewing: **AS.PSUMECHENGR : AS, Mechanical Engineering, PSU**

Last approved: 02/06/26 9:49 am

Last edit: 03/18/26 12:16 pm

Changes proposed by: Megan Feagles (megan.feagles)

Catalog Pages Using
this Program

[Mechanical Engineering Emphasis, AS - with Portland State University](#)

Change Type

Program Contact Information

Are you the Faculty Contact Person?

In Workflow

1. Curriculum Office
2. DASC Dean
3. Curriculum Committee Approval

Approval Path

1. 03/23/26 9:30 am
Megan Feagles (megan.feagles):
Approved for
Curriculum Office
2. 03/23/26 10:38 am
Anne-Mary Nash-Haruna
(annemary.nashharu)
Approved for DASC
Dean

History

1. Oct 6, 2022 by
clmig-kxayasene
2. Nov 28, 2022 by
Megan Feagles
(megan.feagles)
3. Dec 2, 2022 by
Megan Feagles
(megan.feagles)
4. Dec 2, 2022 by
Megan Feagles
(megan.feagles)
5. Dec 2, 2022 by
Megan Feagles
(megan.feagles)

6. Apr 18, 2023 by Megan Feagles (megan.feagles)
7. Jun 5, 2023 by Megan Feagles (megan.feagles)
8. Aug 21, 2023 by Dru Urbassik (dru.urbassik)
9. Nov 3, 2023 by Eric Lee (elee)
10. Feb 16, 2024 by Eric Lee (elee)
11. Mar 11, 2024 by Megan Feagles (megan.feagles)
12. Mar 22, 2024 by Megan Feagles (megan.feagles)
13. Jan 17, 2025 by Megan Feagles (megan.feagles)
14. Apr 4, 2025 by Megan Feagles (megan.feagles)
15. Nov 21, 2025 by Eric Lee (elee)
16. Feb 6, 2026 by Eric Lee (elee)

Program Overview

Name of Proposed Program

AS, Mechanical Engineering, PSU

Program Code AS.PSUMECHENGR

Award (CCWD)

Associate of Science (90-108 credits) (AS)

Type of Program Associate of Science (AS)
(CCC)

Educational Focus Area	Science, Technology, Engineering and Math (STEM)
Effective Catalog Edition	2026-2027
Career Area	Industrial and Engineering Systems
Department	Engineering Sciences
Division	Arts and Sciences
Other locations (institutions) this Program will be offered	
CIP Code	14.0101 - Engineering, General.

Program Award Information

Program Learning Outcomes (PLOs)

Upon successful completion of this program, students should be able to:

	Outcome(s)
1	apply the fundamental elements of engineering design;
2	employ mathematics, science, and computing techniques in a systematic and rigorous manner to support the study and solution of engineering problems;
3	conduct and document laboratory experiments in the sciences and engineering, effectively communicating determined quantitative relationships using both graphs and equations;
4	exhibit good teamwork skills and serve as effective members of laboratory and project teams;
5	articulate and justify graphical, numerical, and analytical solutions to an audience through oral and written communication.

Proposed Curriculum

Plan of Study Grid

First Year

Fall Term

~~CH-221~~

~~General Chemistry~~

Credits

~~5.00~~

<u>CH-221Z</u>	<u>General Chemistry I</u>	<u>5.00</u>
<u>& CH-227Z</u>	<u>and General Chemistry I Laboratory</u>	
<u>ENGR-111</u>	Introduction to Engineering	3.00
<u>MTH-251Z</u>	Differential Calculus	4.00
<u>WR-121Z</u>	Composition I	4.00
	Credits	16
Winter Term		
CH-222	General Chemistry	5.00
<u>CH-222Z</u>	<u>General Chemistry II</u>	<u>5.00</u>
<u>& CH-228Z</u>	<u>and General Chemistry II Laboratory</u>	
<u>ENGR-112</u>	Engineering Programming	3.00
<u>ENGR-231</u>	Properties of Materials	4.00
<u>MTH-252Z</u>	Integral Calculus	4.00
	Credits	16
Spring Term		
<u>COMM-111Z</u>	Public Speaking	4.00
<u>ENGR-115</u>	Engineering Graphics	3.00
<u>MTH-254</u>	Vector Calculus	5.00
<u>WR-227Z</u>	Technical Writing	4.00
	Credits	16
Second Year		
Fall Term		
<u>ENGR-211</u>	Statics	4.00
<u>MTH-261</u>	Linear Algebra	4.00
<u>PH-211</u>	General Physics With Calculus	5.00
<u>Arts & Letters Electives</u>		4.00
	Credits	17
Winter Term		
<u>ENGR-212</u>	Dynamics	4.00
<u>MTH-256</u>	Differential Equations	4.00
<u>PH-212</u>	General Physics With Calculus	5.00
<u>Race and Ethnic Studies Electives</u>		4.00
	Credits	17
Spring Term		
<u>ENGR-201</u>	Electrical Fundamentals	4.00
<u>ENGR-213</u>	Strength of Materials	4.00
<u>PH-213</u>	General Physics With Calculus	5.00
Select one of the following:		3.00-4.00
<u>Arts & Letters Electives</u>		
<u>Social Science Electives</u>		
	Credits	16-17
	Total Credits	98-99

Arts & Letters Electives

All courses in [ASL](#), [COMM](#), [ENG](#), [FR](#), [GER](#), [HUM](#), [PHL](#), [SPN](#), [WR](#). Note that native speakers should only take advanced (300 level or above) world language courses.

Non-performance based courses in art, journalism, music, and theater also meet this requirement:

ART-101	Art Appreciation	3.00
ART-204	History of Art/Ancient Through Medieval	4.00
ART-205	History of Art/Romanesque Through Baroque	4.00
ART-206	History of Art/Enlightenment Through Contemporary	4.00
J-211	Mass Media & Society	4.00
MUS-105	Music Appreciation	3.00
MUS-141	Introduction to the Music Business	3.00
MUS-205	Music Literature: History of Jazz	4.00
MUS-206	Music Literature: History of Rock	4.00
TA-101	Appreciation of Theatre	4.00
TA-102	Appreciation of Theatre	4.00

Race and Ethnic Studies Electives

ES-101	Introduction to Ethnic Studies	4.00
ES-211	Introduction to Latino/a/x Studies	4.00
ES-221	Introduction to Black Studies	4.00
ES-231	Introduction to Southeast Asian and South Pacific Island Diaspora Studies	4.00
ES-241	Introduction to Native American Studies	4.00

Social Science Electives

All courses in [ANT](#), [EC](#), [ES](#), [GEO](#), [HST](#), [PS](#), [PSY](#), [SOC](#), [SSC](#), and [WS](#)

Optional

While not required for the AS degree, mechanical engineering students may complete additional coursework at CCC that will meet requirements for the Bachelor of Science degree at Portland State University.

Additional courses include (1) One additional Arts & Letters or Social Science elective and (2) Approved Science Elective: Any minimum 4 credit course from [BI](#), [CH](#), [ESR](#), [GEO](#), or [PH](#).

Program Change Request

Date Submitted: 03/18/26 8:48 am

Viewing: **AS.PSUMUSIC : AS, Music, PSU**

Last approved: 02/06/26 8:35 am

Last edit: 03/18/26 8:48 am

Changes proposed by: Megan Feagles (megan.feagles)

Catalog Pages Using
this Program

[Music Emphasis, AS - with Portland State University](#)

Change Type

Program Contact Information

Are you the Faculty Contact Person?

In Workflow

1. Curriculum Office
2. DASC Dean
3. Curriculum Committee Approval

Approval Path

1. 03/23/26 9:30 am
Megan Feagles (megan.feagles):
Approved for Curriculum Office
2. 03/23/26 10:38 am
Anne-Mary Nash-Haruna
(annemary.nashharu)
Approved for DASC Dean

History

1. Oct 6, 2022 by clmig-kxayasene
2. Jan 5, 2023 by Megan Feagles (megan.feagles)
3. Jan 24, 2023 by Megan Feagles (megan.feagles)
4. Jan 25, 2023 by Megan Feagles (megan.feagles)
5. Apr 18, 2023 by Megan Feagles (megan.feagles)

6. Jun 5, 2023 by
Megan Feagles
(megan.feagles)
7. Oct 30, 2023 by
Megan Feagles
(megan.feagles)
8. Feb 16, 2024 by
Megan Feagles
(megan.feagles)
9. Mar 11, 2024 by
Megan Feagles
(megan.feagles)
10. Mar 11, 2024 by
Megan Feagles
(megan.feagles)
11. Mar 15, 2024 by
Megan Feagles
(megan.feagles)
12. Apr 5, 2024 by
Megan Feagles
(megan.feagles)
13. Jun 7, 2024 by Lars
Campbell
(lars.campbell)
14. Jun 10, 2024 by
Megan Feagles
(megan.feagles)
15. Jul 2, 2024 by
Megan Feagles
(megan.feagles)
16. Jan 17, 2025 by
Megan Feagles
(megan.feagles)
17. Apr 4, 2025 by
Megan Feagles
(megan.feagles)
18. May 3, 2025 by
Megan Feagles
(megan.feagles)
19. Jun 6, 2025 by
Megan Feagles
(megan.feagles)

Program Overview

Name of Proposed Program

AS, Music, PSU

Program Code AS.PSUMUSIC

Award (CCWD)

Associate of Science (90-108 credits) (AS)

Type of Program Associate of Science (AS)
(CCC)

Educational Focus Creative Arts, Communication and Humanities
Area

Effective Catalog 2026-2027
Edition

Career Area Arts, Information, and Communications

Department Music

Division Arts and Sciences

Other locations (institutions) this Program will be offered

CIP Code 50.0904 - Music Theory and Composition.

Program Award Information

Program Learning Outcomes (PLOs)

Upon successful completion of this program, students should be able to:

	Outcome(s)
1	communicate understanding of the inner workings of musical compositions, relating to theory, form, range, and emotional impact;

	Outcome(s)
2	demonstrate proficiency with performance of musical instrument, utilizing standard performance practice of multiple eras and styles;
3	use industry software to notate musical examples;
4	demonstrate an understanding of the basic principles that guide music, these include: recognition of musical building blocks (pitch, rhythm, intervals, scales, etc.), basic level of keyboard proficiency, four-part composition, analysis of musical examples.

Proposed Curriculum

Plan of Study Grid

First Year

Fall Term	Credits
Select one of the following:	1.00-2.00

- [MUP-102](#) Wind Ensemble
- [MUP-105](#) Jazz Ensemble
- [MUP-141](#) College Orchestra
- [MUP-125](#) Advanced Vocal Ensemble

Select one of the following: ¹	2.00
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- [MUP-171](#) - [MUP-191](#) Individual Lessons
- [MUP-171J](#) - [MUP-191J](#) Individual Lessons: Jazz

MUS-111 Music Theory I	3.00
MUS-111L Music Notation Software I	1.00
MUS-114 Aural Skills I	2.00
MUS-127 Keyboard Skills I	2.00
MUS-188 Performance Attendance	0.00
MUS-189 Performance & Repertoire ²	1.00
WR-121Z Composition I	4.00
Credits	16-17

Winter Term

Select one of the following:	1.00-2.00
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- [MUP-102](#) Wind Ensemble
- [MUP-105](#) Jazz Ensemble
- [MUP-125](#) Advanced Vocal Ensemble
- [MUP-141](#) College Orchestra

Select one of the following: ¹	2.00
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- [MUP-171](#) - [MUP-191](#) Individual Lessons
- [MUP-171J](#) - [MUP-191J](#) Individual Lessons: Jazz

MUS-112 Music Theory I	3.00
MUS-112L Music Notation Software I	1.00

MUS-115	Aural Skills I	2.00
MUS-128	Keyboard Skills I	2.00
MUS-188	Performance Attendance	0.00
MUS-189	Performance & Repertoire ²	1.00
Select one of the following:		4.00

MTH-105Z	Math in Society	
MTH-111Z	Precalculus I: Functions	
MTH-112Z	Precalculus II: Trigonometry	
MTH-251Z	Differential Calculus	
MTH-252Z	Integral Calculus	
	Credits	16-17

Spring Term

Select one of the following: 1.00-2.00

MUP-102	Wind Ensemble	
MUP-105	Jazz Ensemble	
MUP-125	Advanced Vocal Ensemble	
MUP-141	College Orchestra	

Select one of the following: ¹ 2.00

MUP-171 - MUP-191	Individual Lessons	
MUP-171J - MUP-191J	Individual Lessons: Jazz	

MUS-113	Music Theory I	3.00
MUS-113L	Music Notation Software I	1.00
MUS-116	Aural Skills I	2.00
MUS-129	Keyboard Skills I	2.00
MUS-188	Performance Attendance	0.00
MUS-189	Performance & Repertoire ²	1.00
WR-122Z	Composition II	4.00
	Credits	16-17

Second Year

Fall Term

Select one of the following: 1.00-2.00

MUP-202	Wind Ensemble	
MUP-205	Jazz Ensemble	
MUP-225	Advanced Vocal Ensemble	
MUP-241	College Orchestra	

Select one of the following: ¹ 2.00

MUP-271 - MUP-291		
MUP-271J - MUP-291J		

MUS-188	Performance Attendance	0.00
MUS-189	Performance & Repertoire ²	1.00
MUS-211	Music Theory II	3.00
MUS-214	Keyboard Skills II	2.00

MUS-224	Aural Skills II	2.00
Arts & Letters Electives		4.00
	Credits	15-16
Winter Term		
Select one of the following:		1.00-2.00
MUP-202	Wind Ensemble	
MUP-205	Jazz Ensemble	
MUP-225	Advanced Vocal Ensemble	
MUP-241	College Orchestra	
Select one of the following: ¹		2.00
MUP-271 - MUP-291		
MUP-271J - MUP-291J		
MUS-188	Performance Attendance	0.00
MUS-189	Performance & Repertoire ²	1.00
MUS-212	Music Theory II	3.00
MUS-215	Keyboard Skills II	2.00
MUS-225	Aural Skills II	2.00
Social Science Electives		4.00
Science/Math/Computer Science Electives		3.00
	Credits	18-19
Spring Term		
Select one of the following:		1.00-2.00
MUP-202	Wind Ensemble	
MUP-205	Jazz Ensemble	
MUP-225	Advanced Vocal Ensemble	
MUP-241	College Orchestra	
Select one of the following: ¹		2.00
MUP-271 - MUP-291		
MUP-271J - MUP-291J		
MUS-188	Performance Attendance	0.00
MUS-189	Performance & Repertoire ²	1.00
MUS-213	Music Theory II	3.00
MUS-216	Keyboard Skills II	2.00
MUS-226	Aural Skills II	2.00
Arts & Letters Electives		4.00
Science/Math/Computer Science Electives		4.00
	Credits	19-20
	Total Credits	100-106

¹
Lessons must be in same instrument discipline, but may be in different styles.

²
For students pursuing a jazz degree, [MUP-104](#) Jazz Combo and [MUP-204](#) Jazz Combo may be substituted for [MUS-189](#) Performance & Repertoire.

Arts & Letters Electives

<u>ART-101</u>	Art Appreciation	3.00
<u>ART-115</u>	Basic Design: 2-Dimensional Design	4.00
<u>ART-117</u>	Basic Design: 3-Dimensional Composition	4.00
<u>ART-131</u>	Introduction to Drawing	4.00
<u>ART-204</u>	History of Art/Ancient Through Medieval	4.00
<u>ART-205</u>	History of Art/Romanesque Through Baroque	4.00
<u>ART-206</u>	History of Art/Enlightenment Through Contemporary	4.00
<u>ART-250</u>	Ceramics/Beginning	4.00
<u>ART-252</u>	Ceramics/Wheel-Throwing I	4.00
<u>ART-253</u>	Ceramics/Intermediate	4.00
<u>ART-255</u>	Ceramics/Wheel-Throwing II	4.00
<u>ART-281</u>	Painting: Still Life/Beginning	4.00
<u>ART-282</u>	Painting: The Figure/Beginning	4.00
<u>ART-283</u>	Painting: Landscapes/Beginning	4.00
<u>ART-284</u>	Painting: Still Life/Intermediate	4.00
<u>ART-285</u>	Painting: The Figure/Intermediate	4.00
<u>ART-286</u>	Painting: Landscapes/Intermediate	4.00
<u>ART-291</u>	Sculpture	4.00
<u>ART-292</u>	Sculpture (Figure Emphasis)	4.00
<u>ART-293</u>	Sculpture (Metal Emphasis)	4.00
<u>ASL-201</u>	Second-Year American Sign Language I	4.00
<u>ASL-202</u>	Second-Year American Sign Language II	4.00
<u>ASL-203</u>	Second-Year American Sign Language III	4.00
<u>COMM-126</u>	Intro to Communication, Gender, and Sexuality	4.00
<u>COMM-140</u>	Introduction to Intercultural Communication	4.00
<u>COMM-212</u>	Mass Media & Society	4.00
<u>COMM-218Z</u>	Interpersonal Communication	4.00

<u>COMM-219</u>	Small Group Discussion	4.00
<u>COMM-227</u>	Nonverbal Communication	4.00
<u>DMC-225</u>	Computer Graphics I	4.00
<u>DMC-226</u>	Computer Graphics II	4.00
<u>DMC-227</u>	Computer Graphics III	4.00
<u>ENG-104Z</u>	Introduction to Fiction	4.00
<u>ENG-105Z</u>	Introduction to Drama	4.00
<u>ENG-106Z</u>	Introduction to Poetry	4.00
<u>ENG-107</u>	World Literature: Ancient Through Classical Times	4.00
<u>ENG-108</u>	World Literature: Early Middle Ages through the 18th Century	4.00
<u>ENG-109</u>	World Literature: The 19th through 21st Centuries	4.00
<u>ENG-116</u>	Introduction to Literature: Comics	4.00
<u>ENG-121</u>	Mystery Fiction	4.00
<u>ENG-195</u>	American Film	4.00
<u>ENG-201</u>	Shakespeare	4.00
<u>ENG-202</u>	Shakespeare	4.00
<u>ENG-204</u>	British Literature: Ancient to Enlightenment	4.00
<u>ENG-205</u>	British Literature: Romantic to Contemporary	4.00
<u>ENG-213</u>	U.S. Latinx Literature	4.00
<u>ENG-218</u>	Arthurian Literature	4.00
<u>ENG-226</u>	Popular Literature	4.00
<u>ENG-240</u>	Native American Mythology	4.00
<u>ENG-241</u>	Norse Mythology	4.00
<u>ENG-243</u>	African Mythology	4.00
<u>ENG-250</u>	Greek Mythology	4.00
<u>ENG-251</u>	Celtic Mythology	4.00
<u>ENG-252</u>	Hindu Mythology	4.00
<u>ENG-253</u>	American Literature: Pre-Columbian to Civil War	4.00
<u>ENG-254</u>	American Literature: 1865 to Present	4.00

<u>ENG-270</u>	Introduction to Literary Criticism	4.00
<u>FR-201</u>	Second-Year French I	4.00
<u>FR-202</u>	Second-Year French II	4.00
<u>FR-203</u>	Second-Year French III	4.00
<u>FR-211</u>	Intermediate French Conversation	3.00
<u>HUM-160</u>	Faith & Reason	4.00
<u>HUM-235</u>	Perspectives on Terrorism	4.00
<u>J-211</u>	Mass Media & Society	4.00
<u>MUS-105</u>	Music Appreciation	3.00
<u>MUS-111</u>	Music Theory I	3.00
<u>MUS-112</u>	Music Theory I	3.00
<u>MUS-113</u>	Music Theory I	3.00
<u>MUS-205</u>	Music Literature: History of Jazz	4.00
<u>MUS-206</u>	Music Literature: History of Rock	4.00
<u>MUS-211</u>	Music Theory II	3.00
<u>MUS-212</u>	Music Theory II	3.00
<u>MUS-213</u>	Music Theory II	3.00
<u>PHL-101</u>	Philosophical Problems	4.00
<u>PHL-102</u>	Ethics	4.00
<u>PHL-103</u>	Critical Reasoning	4.00
<u>PHL-205</u>	Moral Issues	4.00
<u>PHL-210</u>	Philosophy of Religion	4.00
<u>SPN-201</u>	Second-Year Spanish I	4.00
<u>SPN-202</u>	Second-Year Spanish II	4.00
<u>SPN-203</u>	Second-Year Spanish III	4.00
<u>TA-101</u>	Appreciation of Theatre	4.00
<u>TA-102</u>	Appreciation of Theatre	4.00
<u>TA-103</u>	Appreciation of Theatre	4.00
<u>TA-141</u>	Acting I	4.00

<u>TA-142</u>	Acting II	4.00
<u>TA-143</u>	Acting III	4.00
<u>WR-241</u>	Fiction Writing I	4.00
<u>WR-242</u>	Poetry Writing I	4.00
<u>WR-243</u>	Playwriting I	4.00
<u>WR-244</u>	Fiction Writing II	4.00
<u>WR-245</u>	Poetry Writing II	4.00
<u>WR-248</u>	Publishing Literature: Editing and Marketing for Publication	4.00
<u>WR-262</u>	Introduction to Screenwriting	4.00
<u>WR-265</u>	Digital Storytelling	4.00
<u>WR-270</u>	Creative Nonfiction Writing II: Food Writing	4.00

Science/Math/Computer Science Electives

<u>ASC-175</u>	Integrated Science Inquiry	4.00
<u>ASC-176</u>	Integrated Science Inquiry	4.00
<u>ASC-177</u>	Integrated Science Inquiry	4.00
<u>BI-101</u>	General Biology; Cellular Biology	4.00
<u>BI-102</u>	General Biology; Animal Systems	4.00
<u>BI-103</u>	General Biology; Plants & The Ecosystem	4.00
<u>BI-112</u>	General Biology for Health Sciences	4.00
<u>BI-160</u>	Bird Identification & Taxonomy	3.00
<u>BI-160L</u>	Bird Identification & Taxonomy with Lab	4.00
<u>BI-165C</u>	Natural History of the Oregon Coast	3.00
<u>BI-165CL</u>	Natural History of the Oregon Coast with Lab	4.00
<u>BI-165D</u>	Natural History of the Western Deserts	4.00
<u>BI-175</u>	Integrated Science Inquiry	4.00
<u>BI-176</u>	Integrated Science Inquiry	4.00
<u>BI-177</u>	Integrated Science Inquiry	4.00
<u>BI-204</u>	Elementary Microbiology	4.00

BI-215	General Zoology	4.00
BI-216	General Zoology	4.00
BI-217	General Zoology	4.00
BI-221Z	Principles of Biology: Cells	5.00
BI-222Z	Principles of Biology: Organisms	5.00
BI-223Z	Principles of Biology: Ecology and Evolution	5.00
BI-231	Human Anatomy and Physiology I	4.00
BI-232	Human Anatomy and Physiology II	4.00
BI-233	Human Anatomy and Physiology III	4.00
BI-231Z	Course BI-231Z Not Found	4.00
BI-232Z	Course BI-232Z Not Found	4.00
BI-233Z	Course BI-233Z Not Found	4.00
BI-234	Introductory Microbiology	4.00
CH-104	Introductory Chemistry	5.00
CH-104Z & CH-124Z	Course CH-104Z Not Found and Course CH-124Z Not Found	5.00
CH-105	Introductory Chemistry	5.00
CH-106	Introductory Chemistry III	5.00
CH-112	Chemistry for Health Professions	4.00
CH-112Z	Course CH-112Z Not Found	4.00
CH-114	Chemistry in Art	4.00
CH-221	General Chemistry	5.00
CH-222	General Chemistry	5.00
CH-223	General Chemistry	5.00
CH-221Z & CH-227Z	General Chemistry I and General Chemistry I Laboratory	5.00
CH-222Z & CH-228Z	General Chemistry II and General Chemistry II Laboratory	5.00
CH-223Z & CH-229Z	General Chemistry III and General Chemistry III Laboratory	5.00

<u>ESR-171</u>	Introduction to Environmental Science	4.00
<u>ESR-172</u>	Introduction to Climate Change	4.00
<u>ESR-173</u>	Introduction to Sustainability	4.00
<u>G-101</u>	General Geology	4.00
<u>G-102</u>	General Geology	4.00
<u>G-103</u>	General Geology	4.00
<u>G-148</u>	Volcanoes & Earthquakes	4.00
<u>G-201</u>	General Geology	4.00
<u>G-202</u>	General Geology	4.00
<u>G-203</u>	General Geology	4.00
<u>GS-104</u>	Earth System Science	4.00
<u>GS-105</u>	Earth System Science	4.00
<u>GS-106</u>	Earth System Science	4.00
<u>GS-107</u>	Astronomy	4.00
<u>MTH-211</u>	Fundamentals of Elementary Math I	4.00
<u>MTH-212</u>	Fundamentals of Elementary Math II	4.00
<u>MTH-213</u>	Fundamentals of Elementary Math III	4.00
<u>MTH-244</u>	Statistics II	4.00
<u>MTH-252Z</u>	Integral Calculus ¹	4.00
<u>MTH-253Z</u>	Calculus: Sequences and Series	4.00
<u>MTH-254</u>	Vector Calculus	5.00
<u>MTH-256</u>	Differential Equations	4.00
<u>MTH-261</u>	Linear Algebra	4.00
<u>PH-121</u>	Astronomy	4.00
<u>PH-122</u>	General Astronomy	4.00
<u>PH-123</u>	General Astronomy	4.00
<u>PH-201</u>	General Physics	5.00
<u>PH-202</u>	General Physics	5.00
<u>PH-203</u>	General Physics	5.00

<u>PH-211</u>	General Physics With Calculus	5.00
<u>PH-212</u>	General Physics With Calculus	5.00
<u>PH-213</u>	General Physics With Calculus	5.00
<u>STAT-243Z</u>	Elementary Statistics I	4.00
<u>Z-201</u>	General Zoology	4.00
<u>Z-202</u>	General Zoology	4.00
<u>Z-203</u>	General Zoology	4.00

¹

May be used as an elective requirement in this category if it has not already used for the mathematics requirement in this AS degree

Social Science Electives

<u>ANT-101</u>	Biological Anthropology	4.00
<u>ANT-102</u>	Archaeology & Prehistory	4.00
<u>ANT-103</u>	Cultural Anthropology	4.00
<u>ANT-232</u>	Native Americans of North America	4.00
<u>CJA-101</u>	Criminology	4.00
<u>EC-201Z</u>	Principles of Microeconomics	4.00
<u>EC-202Z</u>	Principles of Macroeconomics	4.00
<u>GEO-100</u>	Introduction to Physical Geography	4.00
<u>GEO-110</u>	Cultural & Human Geography	4.00
<u>GEO-130</u>	Introduction to Environmental Geography	4.00
<u>GEO-208</u>	Geography of the United States & Canada	4.00
<u>HST-101</u>	History of Western Civilization	4.00
<u>HST-102</u>	History of Western Civilization	4.00
<u>HST-103</u>	History of Western Civilization	4.00
<u>HST-131</u>	History of Crime & Punishment in Western Civilization	4.00
<u>HST-132</u>	History of Language and the Written Word in Western Civilization	4.00
<u>HST-136</u>	History of Popular Culture, Entertainment & Sports in Western Civilization	4.00
<u>HST-137</u>	History of Science, Medicine, & Technology in Western Civilization	4.00

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<u>HST-201Z</u>	<u>Course HST-201Z Not Found</u>	<u>4.00</u>
<u>HST-202Z</u>	<u>Course HST-202Z Not Found</u>	<u>4.00</u>
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Comments