



Advantage Program Course Sequence for Completing a Year at ORU

For Students interested in Engineering

Beginning in Junior Year of High School

Junior Year: Semester 1

COMP 101 (3 credit hours)

MAT 105 (3 credit hours)*

Junior Year: Semester 2

COMP 102 (3 credit hours)

MAT 106 (3 credit hours)*

Senior Year: Semester 3

PHY 101 (4 credit hours)*

COM 101 (3 credit hours)

PSY 201 (3 credit hours)

Senior Year: Semester 4

PHY 102 (4 credit hours)*

SPA 101 or FRE 101 (4 credit hours)

Please note that this course sequence is a recommendation. Students should consult with their high schools to ensure that the courses also meet high school requirements.

**These courses are recommended to prepare you for the upper-level Engineering courses required for an Engineering major. They might not count toward an Engineering degree.*

Prerequisite for Math Courses:

- Algebra 1
- Algebra 2
- Geometry

Students desiring to take higher level Math courses (MAT 106 & MAT 232) must take ORU's ALEKS' Placement Exam



Advantage Program Course Sequence for Completing a Year at ORU

For Students interested in Engineering

Beginning in Freshman Year of High School

Freshman Year: Semester 1

COMP 101 (3 credit hours)

LEAD 999 (1 credit hour)

Freshman Year: Semester 2

COMP 102 (3 credit hours)

BLIT 111 (2 credit hours)

Sophomore Year: Semester 3

MAT 105 (3 credit hours) *

COM 101 (3 credit hours)

Sophomore Year: Semester 4

MAT 106 (3 credit hours) *

BIO 101 (4 credit hours) *

Junior Year: Semester 5

PHY 101 (4 credit hours) *

HIS 110 or HIS 111 (3 credit hours)

Junior Year: Semester 6

PHY 102 (4 credit hours) *

HUM 202 or HUM 201/203/204 (3 credit hours)

Senior Year: Semester 7

SPA 101 or FRE 101 (3 credit hours)

PSY 201 (3 credit hours)

Senior Year: Semester 8

MAT 232 (3 credit hours) *

CHE 101 (4 credit hours) *

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Prerequisite for Math Courses:

- Algebra 1
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- Geometry

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Course Key:

COURSE	COURSE TITLE	COLLEGE CREDITS
BLIT 111	Christian Life I: Old Testament	2 credit hours
BLIT 122	Christian Life II: New Testament	2 credit hours
BIO 101	Principles of Biology Lecture & Lab	4 credit hours
CHE 101	Principles of Chemistry Lecture & Lab	4 credit hours
COM 101	Oral Communication	3 credit hours
COMP 101	Composition 101: College Reading & Writing	3 credit hours
COMP 102	Composition 102: Reading & Writing in the Liberal Arts	3 credit hours
FRE 101	Elementary French I	4 credit hours
HIS 110	American History Survey I	3 credit hours
HIS 111	American History Survey II	3 credit hours
HUM 201	Wisdom of the Ancient World	3 credit hours
HUM 202	Classical Roman Civilization	3 credit hours
HUM 203	Learning from the Late Middle Ages	3 credit hours
HUM 204	Modern Western Civilization	3 credit hours
LDR 999	College Success Strategies	1 credit hour
MAT 105	College Algebra	3 credit hours
MAT 106	Trigonometry	3 credit hours
MAT 232	Elementary Statistics	3 credit hours
PHY 101	General Physics 1 Lecture & Lab	4 credit hours
PHY 102	General Physics 2 Lecture & Lab	4 credit hours
PSY 201	Principles of Psychology	3 credit hours
SPA 101	Elementary Spanish I	4 credit hours