

# A.S. Engineering Studies

**2021-2022 Sample Course Schedule** — *This is a recommended schedule and may be altered as needed. Consult your adviser when making changes. See degree audit for Christian Service requirements.*

## SUMMER

RELB 125	Life & Teachings of Jesus (R-1)	3
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## FALL

## WINTER

### FIRST YEAR

CHEM 151	General Chemistry I	4	CHEM 152	General Chemistry II**	4
ENGR 121	Introduction to Engineering	1	CPTR 124	Fundamentals of Programming	4
ENGR 149	CADD	3	MATH 192	Calculus II	4
ENGL 101	Critical Think in Ac Rdg & Wrtg I	3	RELT 138, 225, 255 or RELB (R-2)		<u>3</u>
MATH 191	Calculus I	4			<b>15</b>
PEAC 125	Fitness for Collegiate Life	<u>1</u>			
		<b>16</b>			

### SECOND YEAR

CPTC 100	Computer Concepts	1	ENGR 212	Engineering Mechanics: Dynamics	3
ENGR 211	Engineering Mechanics: Statics	3	ENGR 228	Linear Circuit Analysis	3
MATH 218	Calculus III	4	PHYS 222	University Physics II	4
PHYS 221	University Physics I	4	PHYS 224	University Physics Lab	1
PHYS 223	University Physics Lab	1	MATH 315	Differential Equations *	3
	Historical Perspectives (IN-6)	<u>3</u>		Human Development (IN-8)	<u>3</u>
		<b>16</b>			<b>17</b>

**TOTAL HOURS** **67**

\*May select one from MATH 200 (2 hrs) or MATH 201 (3 hrs) or can wait and take these later. It is advantageous to take MATH 315 if transferring to Walla Walla after graduating

\*\*Please confirm with your adviser that you need the second semester of General Chemistry, as some programs require only the first semester.