



# Manila Adventist College

## SENIOR HIGH SCHOOL

### SCIENCE, TECHNOLOGY, ENGINEERING, AND MATHEMATICS (STEM) STRAND

GRADE 11					
FIRST SEMESTER			SECOND SEMESTER		
Subject Code		No. of Hours	Subject Code		No. of Hours
Eng1	Oral Communication in Context	80	Eng2	Reading and Writing Skills	80
Fil1	Komunikasyon at Pananaliksik sa Wika at Kulturang Pilipino	80	Fil2	Pagbasa at Pagsusuri sa Iba't Ibang Teksto Tungo sa Pananaliksik	80
Math 1	General Mathematics	80	Math2	Statistics and Probability	80
NatSc1b	Earth Science	80	DRRR	Disaster Readiness and Risk Reduction	80
SocSc1	Personal Development	80	SocSc2	Understanding Culture, Society and Politics	80
PEH1	Physical Education and Health 1	20	PEH2	Physical Education and Health 2	20
CTS1	English for Academic and Professional Purposes	80	CTS4	Research in Daily Life 1	80
CTS2	Empowerment Technologies	80	STEM2	General Biology 2	80
STEM1	General Biology 1	80	STEM5	General Chemistry 1	80
Rel1	Gospel of John	20	Rel2	Christian Beliefs	20
Total Hours		680	Total Hours		680

Grade 12					
FIRST SEMESTER			SECOND SEMESTER		
Subject Code		No. of Hours	Subject Code		No. of Hours
Eng3	21st Century Literature from the Philippines and the World	80	PEH4	Physical Education and Health 4	20
Comp	Media and Information Technology	80	Arts	Contemporary Philippine Arts from the Regions	80
Philo	Introduction to the Philosophy of the Human Person	80	CTS6	Entrepreneurship	80
PEH3	Physical Education and Health 3	20	CTS7	Research Project	80
CTS3	Pagsulat sa Filipino sa Piling Larangan (Akademik)	80	STEM8	General Physics 2	80
CTS5	Research in Daily Life 2	80	STEM4a	Anatomy and Physiology (for Allied Health)	80
STEM7	General Physics 1	80	STEM4b	Basic Calculus (for Engineering)	
STEM3a	Zoology (for Allied Health)	80	STEM6	General Chemistry 2	80
STEM3b	Pre-Calculus (for Engineering)		STEM9	Research/Capstone Project	80
Rel3	Daniel and Revelation	20	Rel4	Choices and Challenges	20
Total Hours		600	Total Hours		600

Curriculum Guides

#### Subject

Research in Daily Life 2  
General Biology 2  
Anatomy and Physiology  
General Chemistry 2  
General Physics 2

#### Pre-requisite/s

Statistics and Probability  
General Biology 1  
Zoology  
General Chemistry 1  
General Physics 1