

Republic of the Philippines  
**University of Southeastern Philippines**  
**College of Engineering**

**Bachelor of Science in Geodetic Engineering**  
 COURSE OFFERING FIRST SEMESTER SY 2020-2021

**Section: GE 1-1**

SubjectCode	Subject Title	Lect Units	Lab Units	Class Schedule/Room
1. BES 101	Engineering Drawing and Plans	-	1.0	MW 08:30 AM - 10:00 AM (DRW)
2. BES 103	Computer Fundamentals and Programming	1.0	2.0	TTh 04:00 PM - 07:30 PM (CAD)
3. GE 111	Purposive Communication	3.0	-	MW 10:00 AM - 11:30 AM
4. GE 112	Mathematics in the Modern World	3.0	-	TTh 08:30 AM - 10:00 AM
5. GEn 111	Geodetic Engineering Orientation	1.0	-	F 02:00 PM - 03:00 PM (GE-LAB)
6. GEn 112	General Surveying 1	2.0	1.0	F 07:00 AM - 09:00 AM (GE-LAB)
7. MATH 111	Engineering Calculus 1	3.0	-	MW 01:00 PM - 02:30 PM (305)
8. NSTP 111	National Service Training Program 1	3.0	-	
9. PE 111	Movement Enhancement	2.0	-	M 03:00 PM - 05:00 PM (FIELD)
		<b>18.0</b>	<b>4.0</b>	

**Section: GE 2-1**

SubjectCode	Subject Title	Lect Units	Lab Units	Class Schedule/Room
1. AGE 1	Advanced Information & Communications Tech.	3.0	-	MW 02:30 PM - 04:00 PM (CAD)
2. GEn 211	Engineering Surveys	2.0	2.0	F 06:00 PM - 08:00 PM (GE-LAB) F 12:00 PM - 06:00 PM (FIELD)
3. GEn 212	Theory of Errors & Adjustments	3.0	-	MW 05:30 PM - 07:00 PM (504)
4. GEn 213	Geometric Geodesy	3.0	-	TTh 11:30 AM - 01:00 PM (504)
5. GEn 214	Cartography & Map Projections	2.0	2.0	TTh 07:30 AM - 11:30 AM (GE-LAB)
6. GEn 215	Geodetic Astronomy	2.0	1.0	MW 07:30 PM - 10:00 PM (GE-LAB)
7. MATH 212	Engineering Data Analysis	3.0	-	TTh 02:30 PM - 04:00 PM (408)
8. PE 213	Physical Activities Towards Health & Fitness 1	2.0	-	W 08:00 AM - 10:00 AM (FIELD)
		<b>20.0</b>	<b>5.0</b>	

**Section: GE 2-S**

SubjectCode	Subject Title	Lect Units	Lab Units	Class Schedule/Room
1. BES 104	Engineering Mechanics	3.0	-	MW 08:30 AM - 10:00 AM (504)
2. GEn 121	General Surveying 2	2.0	2.0	S 11:00 AM - 01:00 PM (409)S 01:00 PM - 07:00 PM (FIELD)
3. GEn 300	Survey Camp - 120 Hours	-	1.0	S 08:00 AM - 11:00 AM (409)
4. MATH 121	Engineering Calculus 2	3.0	-	TTh 01:00 PM - 02:30 PM (307)
5. MATH 211	Differential Equations	3.0	-	MW 10:00 AM - 11:30 AM (504)
6. NAT SCI 2/L	Physics for Engineers (Lec. & Lab.)	3.0	1.0	TTh 05:30 PM - 07:00 PM (404)TTh 07:00 PM - 08:30 PM (507)
		<b>14.0</b>	<b>4.0</b>	

**Section: GE 3-1**

SubjectCode	Subject Title	Lect Units	Lab Units	Class Schedule/Room
1. AGEN 2	Electrical & Electronics Eng'g. for Geodetic Engrs.	3.0	-	MW 02:30 PM - 04:00 PM (404)
2. BES 106	Engineering Economics	3.0	-	MW 01:00 PM - 02:30 PM (306)
3. EGE 311	General Education Elective 1	3.0	-	TTh 10:00 AM - 11:30 AM
4. GEn 311	Satellite Geodesy	3.0	-	MW 11:30 AM - 01:00 PM (GE-LAB)
5. GEn 312	Geodetic Computations & Adjustments	2.0	2.0	TTh 01:00 PM - 05:00 PM (GE-LAB)
6. GEn 313	Land Registration Laws	3.0	-	TTh 05:30 PM - 07:00 PM (GE-LAB)
7. GEn 314	Geographic Information Systems	1.0	2.0	MW 08:00 AM - 11:30 AM (CAD)
8. GEn 315	Mine Surveying	1.0	1.0	MW 04:00 PM - 06:00 PM (404)
		<b>19.0</b>	<b>5.0</b>	

**Section: GE 3-OLD**

SubjectCode	Subject Title	Lect Units	Lab Units	Class Schedule/Room
1. ES 102B	Statics of Rigid Bodies	3.0	-	MW 07:00 PM - 08:30 PM
2. ES 103	Dynamics of Rigid Bodies	3.0	-	TTh 08:30 AM - 10:00 AM
3. GE 203F	Construction and Industrial Surveying (Field)	-	2.0	
4. HUM 1	Arts	3.0	-	TTh 11:30 AM - 01:00 PM
5. HUM 2	Philosophy	3.0	-	
6. MATH 127	Advanced Engineering Mathematics	3.0	-	TTh 02:30 PM - 04:00 PM
7. SOC SCI 3d	Politics & Governance w/Philippine Constitution	3.0	-	T 05:30 PM - 07:00 PM
8. SOC SCI 5b	General Psychology	3.0	-	
		<b>21.0</b>	<b>2.0</b>	

**Section: GE 4-1**

SubjectCode	Subject Title	Lect Units	Lab Units	Class Schedule/Room
1. ES 106	Engineering Economy	3.0	-	MW 01:00 PM - 02:30 PM
2. GE 101	Mine Surveying	1.0	1.0	MW 04:00 PM - 06:00 PM
		<b>4.0</b>	<b># 1.0</b>	

**Section: GE 5-1**

SubjectCode	Subject Title	Lect Units	Lab Units	Class Schedule/Room
1. ES 514	Engineering Management	3.0	-	TTh 05:30 PM - 07:00 PM (504)
2. GE 104	Mining Laws	1.0	-	F 01:00 PM - 02:00 PM (GE-LAB)
3. GE 106	Land Registration Law	2.0	-	TTh 10:00 AM - 11:30 AM
4. GE 112	Physical Geodesy	3.0	-	TTh 11:30 AM - 01:00 PM (GE-LAB)
5. GE 115	Photo Interpretation and Remote Sensing	2.0	1.0	MW 01:00 PM - 03:30 PM (FIELD)
6. GE 116	Geographic Information Systems	1.0	2.0	MW 08:00 AM - 11:30 AM
7. GE 120	Geodetic Computation and Adjustments 2	2.0	2.0	MW 03:30 PM - 07:30 PM (GE-LAB)
		<b>14.0</b>	<b>5.0</b>	

**Section: GE 5-G**

SubjectCode	Subject Title	Lect Units	Lab Units	Class Schedule/Room
1. DRAW 1	Engineering Drawing 1	-	2.0	TBA*
2. DRAW 2	Drawing 2/Computer-Aided Drafting	-	2.0	TBA
3. ES 108	Methods of Eng'g.Research/Undergrad.Thesis	3.0	-	F 08:30 AM - 11:30 AM
4. ES 109	Intro. to Environmental Eng'g.	2.0	-	TBA
5. FIL 2	Pagbasa at Pagsulat sa Iba't-Ibang Disiplina	3.0	-	TBA
6. GE 123	Development Planning	2.0	1.0	S 08:00 AM - 01:00 PM (GE-LAB)
7. GE 111	Geodetic Surveying	2.0	2.0	F 03:00 PM - 05:00 PM (GE-LAB)TTh 08:30 AM - 11:30 AM (FIELD)
8. GE 119A	Satellite Geodesy	3.0	-	TBA
9. GE 124	Land Administration and Management	3.0	-	S 01:00 PM - 04:00 PM (GE-LAB)
10. GE 128	Special Studies in Geodetic Engineering	1.0	2.0	MW 08:00 AM - 11:30 AM (GE-LAB)
11. GE EL2	GE ELECTIVE 2	3.0	-	S 04:00 PM - 07:00 PM (GE-LAB)
12. MATH 104	Solid Mensuration	2.0	-	TBA
		<b>24.0</b>	<b>9.0</b>	

TBA\* = To be arranged