

DE LA SALLE UNIVERSITY
GOKONGWEI COLLEGE OF ENGINEERING
Bachelor of Science in Chemical Engineering
CHECKLIST FOR FRESHMEN WHO STARTED AY 2021-2022

| FIRST TERM | | | | | | |
|------------|---------------------------------------------------------|-----|-----|-------|----------------|--|
| COURSE | COURSE TITLE | LEC | LAB | UNITS | PRE-REQUISITES | |
| NSTP101 | National Service Training Program - General Orientation | 0 | 0 | 0 | | |
| FNDMATH | Foundation Course in Mathematics | 5 | 0 | 5 | | |
| BASCHEM | Basic Chemistry | 3 | 0 | 3 | | |
| BASPHYS | Basic Physics | 3 | 0 | 3 | | |
| FNDSTAT | Foundation Course in Statistics | 3 | 0 | 3 | | |
| GEARTAP | Art Appreciation | 3 | 0 | 3 | | |
| TOTAL | | 17 | 0 | 17 | | |

| SECOND TERM | | | | | | |
|-------------|-----------------------------------------------|-----|-----|-------|----------------|---------|
| COURSE | COURSE TITLE | LEC | LAB | UNITS | PRE-REQUISITES | |
| NSTPCW1 | National Service Training Program 1 | 0 | 0 | (3) | | |
| GEMATMW | Mathematics in the Modern World | 3 | 0 | 3 | | |
| GELECS | GE Elective for Social Science and Philosophy | 3 | 0 | 3 | | |
| LBYME1A | Engineering Drawing | 0 | 3 | 1 | | |
| CALENG1 | Differential Calculus | 3 | 0 | 3 | H | FNDMATH |
| ENGCHEM | Chemistry for Engineers | 3 | 0 | 3 | H | BASCHEM |
| LBYCH1A | Chemistry for Engineers Laboratory | 0 | 3 | 1 | C | ENGCHEM |
| ANLYCHE | Analytical Chemistry for ChE | 3 | 0 | 3 | H | BASCHEM |
| LBYCH1B | Analytical Chemistry for ChE Laboratory | 0 | 6 | 2 | C | ANLYCHE |
| TOTAL | | 15 | 12 | 19 | (3) | |

| THIRD TERM | | | | | | |
|------------|-------------------------------------|-----|-----|-------|----------------|-------------------|
| COURSE | COURSE TITLE | LEC | LAB | UNITS | PRE-REQUISITES | |
| NSTPCW2 | National Service Training Program 2 | 0 | 0 | (3) | H | NSTPCW1 |
| LCLSONE | Lasallian Studies 1 | 2 | 0 | (1) | | |
| LASARE1 | Lasallian Recollection 1 | 0 | 0 | 0 | | |
| SAS1000 | Student Affairs Services | 0 | 0 | 0 | | |
| GEUSELF | Understanding the Self | 3 | 0 | 3 | | |
| LBYME1B | Computer-Aided Drafting | 0 | 3 | 1 | H | LBYME1A |
| CALENG2 | Integral Calculus | 3 | 0 | 3 | H | CALENG1 |
| ENGPHYS | Physics for Engineers | 3 | 0 | 3 | S / H | CALENG1 / BASPHYS |
| LBYPH1A | Physics for Engineers Laboratory | 0 | 3 | 1 | C | ENGPHYS |
| ORGCH13 | Organic Chemistry 1 | 2 | 0 | 2 | H | ANLYCHE |
| LBYCH1C | Organic Chemistry 1 Laboratory | 0 | 3 | 1 | C | ORGCH13 |
| CHECALC | Chemical Engineering Calculations | 3 | 3 | 4 | H | ANLYCHE |
| TOTAL | | 16 | 12 | 18 | (4) | |

LEGEND: H = HARD PRE-REQUISITE
S = SOFT PRE-REQUISITE
C = CO-REQUISITE

| | |
|-------------|---------|
| TOTAL UNITS | 207 (9) |
|-------------|---------|

| FOURTH TERM | | | | | | |
|-------------|-----------------------------------------|-----|-----|-------|----------------|-------------------|
| COURSE | COURSE TITLE | LEC | LAB | UNITS | PRE-REQUISITES | |
| SAS2000 | Student Affairs Services 2000 | 0 | 0 | 0 | | |
| GELECAH | GE Elective for Arts and Humanities | 3 | 0 | 3 | | |
| GETFWEL | Physical Fitness and Wellness | 2 | 0 | 2 | | |
| LBEC2A | Computer Fundamentals and Programming 1 | 0 | 3 | 1 | | |
| ENGMANA | Engineering Management | 2 | 0 | 2 | S | CALENG1 |
| ENGMEC1 | Statics of Rigid Bodies | 3 | 0 | 3 | H / S | ENGPHYS / CALENG2 |
| DATAENG | Engineering Data Analysis | 3 | 0 | 3 | H / S | FNDSTAT / CALENG2 |
| CALENG3 | Differential Equations | 3 | 0 | 3 | H | CALENG2 |
| ORGCH14 | Organic Chemistry 2 | 2 | 0 | 2 | H | ORGCH13 |
| TOTAL | | 18 | 3 | 19 | | |

| FIFTH TERM | | | | | | |
|------------|----------------------------------------|-----|-----|-------|----------------|-------------------|
| COURSE | COURSE TITLE | LEC | LAB | UNITS | PRE-REQUISITES | |
| GEPCOMM | Purposive Communication | 3 | 0 | 3 | | |
| GEDANCE | Physical Fitness and Wellness in Dance | 2 | 0 | 2 | | |
| ENGENVI | Environmental Science and Engineering | 3 | 0 | 3 | H | ENGCHEM |
| CHEMAT4 | Chemical Engineering Mathematics | 3 | 0 | 3 | H | CALENG3 |
| PROCHE | Chemical Process Industries | 3 | 0 | 3 | H | ORGCH14 |
| LBYCH2B | Chemical Process Industries Laboratory | 0 | 3 | 1 | C | PROCHE |
| PHYCHE1 | Physical Principles 1 | 3 | 0 | 3 | H / S | ORGCH13 / CALENG3 |
| LBYCH2A | Physical Principles 1 Laboratory | 0 | 3 | 1 | C | PHYCHE1 |
| TOTAL | | 17 | 6 | 19 | | |

| SIXTH TERM | | | | | | |
|------------|-----------------------------------------------------------------|-----|-----|-------|----------------|-------------------|
| COURSE | COURSE TITLE | LEC | LAB | UNITS | PRE-REQUISITES | |
| LCLSTWO | Lasallian Studies 2 | 2 | 0 | (1) | | |
| LASARE2 | Lasallian Recollection 2 | 0 | 0 | 0 | | |
| LCFAITH | Faith Worth Living | 3 | 0 | 3 | | |
| GESPORT | Physical Fitness and Wellness in Individual Sports | 2 | 0 | 2 | | |
| ELECCE | Basic Electrical and Electronics Engineering for ChE | 2 | 0 | 2 | H | ENGPHYS |
| LBYEC2E | Basic Electrical and Electronics Engineering Laboratory for ChE | 0 | 3 | 1 | C | ELECCE |
| ECOMCHE | Engineering Economy for ChE | 3 | 0 | 3 | S | CALENG1 |
| PHYCHE2 | Physical Principles 2 | 3 | 0 | 3 | H | PHYCHE1 |
| LBYCH2C | Physical Principles 2 Laboratory | 0 | 3 | 1 | C | PHYCHE2 |
| CHETHRM | Chemical Engineering Thermodynamics | 3 | 0 | 3 | H / H | PHYCHE1 / CHECALC |
| TOTAL | | 18 | 6 | 18 | (1) | |

NOTE TO THE STUDENTS

- Please take note that courses should not be enrolled without passing their respective pre-requisite and taking (not necessarily passed) their soft pre-requisite. Be reminded that not following so will cause the course to be INVALIDATED.
 - This checklist is **tentative** and **subject to change**.
- Please be guided accordingly. Thank you.

Prepared and noted:

Approved:

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