

## ANNEX A: PSHS LIST OF APPROVED SCIENCE AND TECHNOLOGY COURSES

### I. SPECIFIC DEGREES

1	BS Actuarial Science	42	BS Environmental Science
2	BS Aeronautical Engineering	43	BS Fisheries
3	BS Agricultural and Biosystems Engineering	44	BS Fisheries Technology
4	BS Agricultural Biotechnology	45	BS Food Technology
5	BS Agricultural Chemistry	46	BS Forest Product Engineering
6	BS Agricultural Education	47	BS Forestry
7	BS Agricultural Engineering	48	BS Foundry Engineering Technology
8	BS Agricultural Extension	49	BS Geodetic Engineering
9	BS Agriculture	50	BS Geology/Geophysics
10	BS Agronomy	51	BS Health Science
11	BS Animal Science/Husbandry Development	52	BS Horticulture
12	BS Applied Mathematics	53	BS Human Biology
13	BS Applied Mathematics major in Computational Science	54	BS in Agricultural Biotechnology
14	BS Applied Mathematics major in Mathematical Finance	55	BS Industrial Design
15	BS Applied Physics	56	BS Industrial Engineering
16	BS Architecture	57	BS Industrial Management Engineering Minor in Service Management
17	BS Biochemistry	58	BS Industrial Pharmacy
18	BS Biology	59	BS Information Technology
19	BS Botany	60	BS Life Science
20	BS Ceramic Engineering	61	INTARMED
21	BS Chemical Engineering	62	BS Management Engineering
22	BS Chemical Engineering & Chemistry	63	BS Management Information Systems
23	BS Chemical Technology	64	BS Management of Applied Chemistry
24	BS Chemistry	65	BS Manufacturing Engineering
25	BS Chemistry minor in Business Studies	66	BS Manufacturing Engineering & Management
26	BS Chemistry Teaching	67	BS Marine Engineering
27	BS Chemistry with Computer Engineering	68	BS Marine Science/Biology
28	BS Chemistry with Materials Science and Engineering	69	BS Materials Engineering
29	BS Civil Engineering	70	BS Materials Science & Engineering
30	BS Clothing Technology	71	BS Mathematics
31	BS Community Nutrition	72	BS Mathematics Teaching
32	BS Computer Science	73	BS Mechanical Engineering/Technology
33	BS Computer Technology/Engineering	74	BS Mechatronics Engineering
34	BS Economics	75	BS Metallurgical Engineering
35	BS Electrical Engineering/Technology	76	BS Meteorology
36	BS Electromechanical Technology	77	BS Mining Engineering
37	BS Electronics and Communications Engineering	78	BS Molecular Biology & Biotechnology
38	BS Electronics Design Engineering	79	BS Nutrition
39	BS Electronics Technology	80	BS Packaging Engineering
40	BS Environmental and Sanitary Engineering	81	BS Petroleum Engineering
41	BS Environmental Management	82	BS Pharmacy

83	BS Physics with Medical Instrumentation
84	BS Physics
85	BS Physics & Technology Teaching
86	BS Physics minor in Economics/Finance
87	BS Physics Teaching
88	BS Physics with Applied Computer Systems
89	BS Physics with Chemistry Teaching
90	BS Physics with Computer Engineering
91	BS Physics with Materials Science & Engineering
92	BS Physics with Math Teaching

93	BS Plant Pathology
94	BS PreMed Physics
95	BS Psychology
96	BS Public Health
97	BS Science Education (Science Teaching: Biology, Chemistry, Physics, etc.) <i>*Including Bachelor of Secondary Education (teaching in: science or mathematics)</i>
98	BS Software Engineering
99	BS Soil Science
100	BS Statistics
101	BS Veterinary Medicine
102	BS Zoology

## II. DOST – SEI APPROVED AND ACCREDITED S & T COURSES

- As approved by the BOT on August 1, 2014, all approved and accredited DOST-Science Education Institute (SEI) courses under its scholarship programs are automatically part of the approved list of courses of the PSHS System.
- Courses 1-68 should be taken in Recognized Study Placements which are as follows:
  - State Universities and Colleges (SUC) \*
  - CHED identified Centers of Excellence (COE) or Centers of Development (COD) for the S&T priority program \*
  - Institutions with FAAP Level III Accreditation \*
- \* Complete list may be found in the official website of Science Education Institute (SEI)*
- Course 70 should be taken at UP System only.
- Courses 71-72 should be taken at DLSU only.
- Course 73 refers to the BS Program.

1	Aeronautical Engineering
2	Aerospace Engineering
3	Agribusiness Management
4	Agricultural and Biosystems Engineering
5	Agricultural Chemistry
6	Agricultural Economics
7	Agricultural Engineering
8	Agricultural Technology
9	Agriculture
10	Animal Science
11	Applied Mathematics
12	Applied Physics
13	Applied Physics with Applied Computer System
14	Applied Physics with Materials Science and Engineering
15	Applied Statistics
16	Biochemistry
17	Biology
18	Ceramics Engineering
19	Chemical Engineering
20	Chemistry

21	Chemistry with Applied Computer Systems
22	Chemistry with Materials Science and Engineering
23	Civil Engineering
24	Computer Engineering
25	Computer Science
26	Doctor of Veterinary Medicine
27	Electrical Engineering
28	Electronics and Communications Engineering/Electronics Engineering
29	Environmental Science
30	Fisheries
31	Food Technology
32	Forestry
33	Geodetic Engineering
34	Geology
35	Geothermal Engineering
36	Industrial Design
37	Industrial Engineering
38	Industrial Management Engineering-Information Technology
39	Industrial Pharmacy
40	Information System

41	Information Technology
42	Information Technology Systems
43	Instrumentation and Control Engineering
44	Manufacturing Engineering
45	Marine Biology
46	Marine Science
47	Materials Engineering
48	Mathematics
49	Mathematics and Science Teaching
50	Mathematics Teaching
51	Mechanical Engineering
52	Mechatronics Engineering
53	Medical Technology
54	Metallurgical Engineering
55	Meteorology
56	Microbiology
57	Mining Engineering

58	Molecular Biology and Biotechnology
59	Nutrition
60	Nutrition and Dietetics
61	Packaging Engineering
62	Petroleum Engineering
63	Pharmacy (4-year program)
64	Pharmacy major in Clinical Pharmacy (5-year Program)
65	Physics
66	Public Health
67	Science Teaching (Biology, Chemistry, Physics and Physical Science)
68	Statistics
69	Speech Pathology
70	Agricultural Biotechnology
71	Manufacturing Engineering-Management-Biomedical Engineering
72	Manufacturing Engineering-Management-Mechatronics and Robotics
73	Psychology

### III. Emerging Science, Technology, Engineering and Mathematics (STEM) courses

#### IV. Degrees in the following disciplines:

1	Animal Nutrition	17	Nuclear Physics
2	Animation	18	Nuclear Science
3	Astronomy Technology	19	Nursing
4	Community Nutrition	20	Optometry
5	Data Science	21	Occupational Therapy
6	Dentistry	22	Physical Therapy
7	Disaster Control Management	23	Space Engineering
8	Entrepreneurship	24	Space Physics
9	Food Engineering	25	Space Science
10	Game Development	26	Speech Therapy
11	Human Ecology	27	Sports Science
12	Human Nutrition	28	Statistics
13	Information Science	29	Textile Engineering
14	Library Information Science	30	Transportation Engineering
15	Multimedia Technology	31	Urban Planning
16	Nuclear Engineering		