



Office of the Board Secretary

LEYTE STATE UNIVERSITY
Visca, Baybay, Leyte 6521 A
Philippines

**EXCERPTS OF APPROVED MINUTES OF THE
10th LSU Board of Regents Meeting
01 May 2003 * FARM Bldg.
LSU, Visca, Baybay, Leyte**

**Proposal for the Revision of the
Laboratory High School Curriculum**

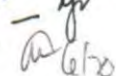
Board Resolution No. 33, s. 2003

**Approving the Proposal for the Revision of the
Laboratory High School Curriculum effective First
Semester SY 2003-2004, as presented.**

Certified True and Correct


DANIEL M. TUDTUD JR.
Board Secretary

Board Action: **APPROVED**
Date: 01 May 2003
Attachment: N

Cc: OVPAA - 
Univ. Registrar - 
College of Education - 
Lab. High School - 



LEYTE STATE UNIVERSITY

Visca, Baybay, Leyte 6521
Philippines

Office of the President

1 May 2003

**The Honorable Chairman and
Members of the LSU Board of Regents**

Ladies/Gentlemen:

I am hereby endorsing the "Proposed Revisions of the Laboratory High School Curriculum" which has been deliberated and approved by the University Academic Council during its meeting on April 24, 2003.

I am therefore, recommending the same **FOR APPROVAL** by the Board of Regents.

Very truly yours,

*Becky
Pascua* M
S

PACIENCIA P. MILAN
President

BOARD ACTION: _____
DATE : 1 May 2003

Proposal for the Revision of the Laboratory High School Curriculum

I. RATIONALE

Since its implementation in 1976, the Laboratory High School (LHS) curriculum has not undergone any revision because it has successfully produced graduates who are able to compete with graduates of other established secondary schools, including science high schools. However, with the Order No. 43, s. 2002 of the Department of Education (DepEd) to implement the Basic Education Curriculum (BEC) starting 2003 in all high schools of the country, it is imperative that the curriculum be revised. In revising the curriculum, schools are encouraged by the DepEd to localize the curriculum in accordance to their specific teaching-learning needs. Thus, every school is given flexibility to modify or enrich its curriculum to suit specific needs, mission and thrusts provided that enrichment may be effected only after the basic requirements have been satisfied.

The proposed curriculum includes the DepEd mandated subjects and offering of new courses to cater to the changing needs of the time and current educational reforms. It is further enriched in sciences, mathematics, research, statistics and computer subjects. Likewise, it can enhance the plan of the College of Education (CE) to offer additional major fields of specialization in the Bachelor of Secondary Education (BSED) curriculum because it can now effectively serve as its laboratory school.

II. GRADUATE PROFILE

After graduation, the students are expected to:

A. Cognitive

1. explain the principles and steps of the scientific method.
2. use the knowledge acquired in mathematics, biological and physical sciences, communication arts, social sciences, agricultural science and technology, and home economics.
3. use the knowledge in desirable agriculture and homemaking technologies necessary for tertiary studies or for livelihood endeavors.
4. demonstrate competence in passing scholarship and entrance examinations for the collegiate level.

B. Psychomotor

1. apply scientific and mathematical principles in problem solving activities.
2. design and conduct research; and write research reports.
3. perform the basic skills necessary in conducting agriculture and homemaking projects.

1
2 4. write articles for publication.

3
4 5. participate actively in literary, musical, sports, science and mathematics activities.

5
6 C. Affective

7
8 1. show strong desire for excellence in secondary education subjects specifically on:
9 mathematics, sciences, communication arts, social sciences, sports, agriculture and home
10 science.

11
12 2. exhibit interest in agricultural and home economics activities.

13
14 3. appreciate the importance of scientific and journalistic activities.

15
16 4. display appropriate manners and conduct in dealing with others.

17
18 5. demonstrate love of country and its culture.

19
20
21 III. OPPORTUNITY AFTER GRADUATION

22
23 A. Pursue any tertiary degree program preferably in science, technology and agriculture.

24
25
26 IV. TARGET CLIENTELE

27
28 A. Elementary graduates

29
30
31 V. PROPOSED CHANGES

32
33 A. Institution of New Subjects

34
35 1. Computer I (Basic Computer Education)

36 Description: Components of the computer system; operating systems; commands; word
37 processing; and the internet.

38 Year Level: First Year

39 Credit: 1.0 unit (1 hr lec, 2 hrs lab per week)

40 Pre-requisite: None

41
42 Rationale: *The subject teaches the learners with basic computer skills that are*
43 *essential in word- and data-processing which are important in preparing*
44 *school requirements such as term papers, book reviews, laboratory*
45 *exercises, research reports, and others..*

46
47 2. Computer II (Introduction to Statistical Computing)

48 Description: Use of spreadsheet and basic statistical analysis.

49 Year Level: Third Year

50 Credit: 1.0 unit (1 hr lec, 2 hrs lab per week)

51 Pre-requisite: Computer I (Basic Computer Education) and Statistics I (Introduction to
52 Statistics)

53
54 Rationale: *The subject teaches the students to analyze and interpret research data*
55 *which can be facilitated using existing computer softwares for more*
56 *efficient and accurate analysis.*

3. Research I (Research Methods and Design)

Description: Types of research, principles in the conduct of research, and preparation of research proposal.

Year Level: Third Year

Credit: 0.8 unit (2 hrs lec per week)

Pre-requisite: English II (English Grammar and Composition and Afro-Asian Literature)
Statistics I (Introduction to Statistics)

Rationale: *The subject enables the learners to understand the basic concepts and principles of research and prepare them in making research proposal.*

4. Research II (Research Implementation, Analysis and Documentation)

Description: Conduct of research, analysis and reporting.

Year Level: Fourth Year

Credit: 1.0 unit (3 hrs lec per week)

Pre-requisite: Research I (Research Methods and Design)

Rationale: *The subject equips the students with the different techniques of data gathering and analysis, interpretation, and reporting to enable them to conduct research and write research reports.*

5. Math IV (Analytic Geometry with Basic Calculus)

Description: Rectangular and polar coordinates, straight lines, functions and graphs; circles, limits, continuity, tangent line; and theories of differentiation and their applications.

Year Level: Fourth Year

Credit: 1.5 units (5 hrs lec per week)

Pre-requisite: Math III (Trigonometry)

Rationale: *This subject provides the students the needed knowledge and skills which are essential for understanding higher college mathematics.*

6. Values Education I (Human Beings as Creatures)

Description: Origin of human being as a working factor in the environment; human beings as physical and biological creatures.

Year Level: First Year

Credit: 0.4 unit (1 hr lec per week)

Pre-requisite: None

Rationale: *This subject offers opportunities for the learners to look into themselves as persons, aware of their strengths and limitations, to enable them to examine their roots and suggest a set of goals and strategies to achieve the desired change in individuals and society.*

7. Values Education II (Persons as Social Beings)

Description: Family as God's gift to humans; growing and sharing with a group; human's relationship with other people; getting involved and reaching out.

Year Level: Second Year

Credit: 0.4 unit (1 hr lec per week)

Pre-requisite: None

Rationale: *The subject develops the student's ability to empathize with others, in helpfulness and generosity in times of need and in the practice of mutual assistance, to establish satisfactory and stronger relationship with other people.*

8. Values Education III (People, Work and Country)

Description: Philippine customs and tradition, involvement of a new Filipino.

Year Level: Third Year

Credit: 0.4 unit (1 hr lec per week)

Pre-requisite: None

Rationale: *The subject inculcates into the minds of the youth the idea of patriotism, their responsibility to the family, community and nation, which are important values in nation building.*

9. Values Education IV (Human Beings as Moral Persons)

Description: The Bible: A Source of Light; Faith in God; Human's Absolute Guide; Power of Prayer; Religion: A Spring of Spiritual Values; Time to Change.

Year Level: Fourth Year

Credit: 0.4 unit (1 hr lec per week)

Pre-requisite: None

Rationale: *This subject enables the students to feel the presence of God and grow in their faith and develop confidence in facing the many challenges of life.*

B. Fusion of Subjects

1. From: Comm. Arts Ia (Eng. Gram. and Comp.)

Description: Study skills in the use of the dictionary and parts of a book; grammar lessons on the part of speech, sentence construction, paragraph and letter writing skills, and speech improvement.

Year Level: First Year

Credit: 1.0 unit (3 hrs lec per week)

Pre-requisite: None

Comm. Arts Ib (Phil. Literature)

Description: Study of some literary works of Filipino writers in English in selected literary genres.

Year Level: First Year

Credit: 1.0 unit (3 hrs lec per week)

Pre-requisite: None

To: English I (Eng. Gram. and Comp. and Phil. Literature)

Description: Study skills in the use of the dictionary and parts of a book; grammar lessons on the part of speech, sentence construction, paragraph and letter writing skills, and speech improvement; study of some literary works of Filipino writers in English in selected literary genres.

Year Level: First Year

Credit: 1.5 units (5 hrs lec per week)

Pre-requisite: None

2. From: Comm. Arts IIa (Eng. Gram. and Comp.)

Description: Use of the library, review on speech improvement, word formation, noun and verb modifications structures, sentence structures, paragraph composition and writing business letters.

Year Level: Second Year

Credit: 1.0 unit (3 hrs lec per week)

Pre-requisite: Comm. Arts Ia (Eng. Gram. and Comp.)

Comm. Arts IIb (Asian and African Literature)

Description: Study of some of the literary works of Asian and African writers in selected literary genres, their forms and elements.

Year Level: Second Year

Credit: 1.0 unit (3 hrs lec per week)

Pre-requisite: Comm. Arts Ib (Phil. Literature)

To: English II (Eng. Gram. and Comp. and Afro-Asian Literature)

Description: Use of the library, review on speech improvement, word formation, noun and verb modifications structures, sentence structures, paragraph composition and writing business letters; study of some of the literary works of Asian and African writers in selected literary genres, their forms and elements.

Year Level: Second Year

Credit: 1.5 units (5 hrs lec per week)

Pre-requisite: English I (Eng. Gram. and Comp. and Phil. Literature)

3. From: Comm. Arts IIIa (Eng. Gram. and Comp.)

Description: Review on the part of speech, phrases, clauses, sentences and mechanics in writing; developing vocabulary, forms of discourse and writing articles for a school paper; speech improvement and public speaking.

Year Level: Third Year

Credit: 1.0 unit (3 hrs lec per week)

Pre-requisite: Comm. Arts IIa (Eng. Gram. and Comp.)

Comm. Arts IIIb (English and American Literature)

Description: Study of selected literary forms and works of English and American literature from the ancient to the contemporary period.

Year Level: Third Year

Credit: 1.0 unit (3 hrs lec per week)

Pre-requisite: Comm. Arts IIb (Asian and African Literature)

To: English III (Eng. Gram. and Comp. and English & American Lit.)

Description: Review on the part of speech, phrases, clauses, sentences and mechanics in writing; developing vocabulary, forms of discourse and writing articles for a school paper; speech improvement and public speaking; and study of selected literary forms and works of English and American literature from the ancient to the contemporary period.

Year Level: Third Year

Credit: 1.5 units (5 hrs lec per week)

Pre-requisite: English II (Eng. Gram. and Comp. and Afro-Asian Lit.)

Rationale (Items 1 to 3): *The use of integrated approach to the study of English makes language learning holistic and functional.*

4. From: Agriculture I (Principles of Crop Science)

Description: Principles of crop production which include the latest development in the use of fertilizers and control of weeds, pests and diseases.

Year Level: First Year

Credit: 1.5 units (3 hrs lec, 3 hrs lab per week)

Pre-requisite: None

Home Science I (Food and Nutrition and Family Living)

Description: Food needs and nutritional requirements, their functions and sources; and teenager's responsibilities in promoting a wholesome family and community living.

Year Level: First Year

Credit: 1.5 units (3 hrs lec, 3 hrs lab per week)

Pre-requisite: None

To: THE I (Technology and Home Economics)

Description: Basic management practices in poultry production; basic principles in food preparation, sewing, handicrafts and other common household chores.

Year Level: First Year

Credit: 1.2 units (2 hrs lec, 2 hrs lab per week)

Pre-requisite: None

5. From: Agriculture II (Principles of Animal Science)

Description: Principles in animal production, which include selection of site; familiarization on the different breeds, principles of housing and feeding, and care and management of swine, poultry and goat.

Year Level: Second Year

Credit: 1.5 units (3 hrs lec, 3 hrs lab per week)

Pre-requisite: None

Home Science II (Personality Development and Home Management)

Description: Transitional period between puberty and adulthood in human development; basic principles of interior and exterior home designing; and family management.

Year Level: Second Year

Credit: 1.5 units (3 hrs lec, 3 hrs lab per week)

Pre-requisite: None

To: THE II (Technology and Home Economics)

Description: Basic management practices in livestock production; management practices of human and material resources of a family.

Year Level: Second Year

Credit: 1.2 units (2 hrs lec, 2 hrs lab per week)

Pre-requisite: None

6. From: Agriculture III (Rice Production)

Description: Familiarization on the cultural management practices of rice crop.

Year Level: Third Year

Credit: 1.5 units (3 hrs lec, 3 hrs lab per week)

Pre-requisite: None

Home Science III (Garment Construction and General Cookery)

Description: Principles and methods in the selection, procurement, preparation and serving of food for special occasions; and procedures in handling food to ensure maximum retention of nutrients, flavor, and appearance.

Year Level: Third Year

Credit: 1.5 units (3 hrs lec, 3 hrs lab per week)

Pre-requisite: None

To: THE III (Technology and Home Economics)
 Description: Basic management practices involved in rice and corn production and some selected vegetables; basic principles and methods of food preservation.
 Year Level: Third Year
 Credit: 1.2 units (2 hrs lec, 2 hrs lab per week)
 Pre-requisite: None

7. From: Agriculture IV (Plantation Crops)
 Description: Principles and practices in the production of oil-bearing crops particularly coconut and fiber crops, including citrus, pineapple and mango.
 Year Level: Fourth Year
 Credit: 1.0 unit (3 hrs lec per week)
 Pre-requisite: None

Home Science IV (Baking and Food Preservation; Courtship, Marriage and Child Care)
 Description: Principles governing food product development and preservation of selected food materials; duties and responsibilities in choosing a life partner and in marriage.
 Year Level: Fourth Year
 Credit: 1.0 unit (3 hrs lec per week)
 Pre-requisite: None

To: THE IV (Technology and Home Economics)
 Description: Basic management practices in the production of abaca, coconut, mango, sugarcane and other plantation crops; courtship, marriage, family planning, maternal and neo-natal care.
 Year Level: Fourth Year
 Credit: 1.2 units (2 hrs lec, 2 hrs lab per week)
 Pre-requisite: None

Rationale (Items 4 to 7): *The fusion and credit unit given satisfy the minimum requirements of the Dep.Ed. in implementing the Basic Education Curriculum.*

C. Change of Subject Nomenclature, Title, Credit Unit, and Contact Hours

1. From: Comm. Arts IB (Filipino Gram., Comp. and Literature)
 Description: Araling pangkomunikatibo, araling pambalarila, wastong gamit, pagpapayaman ng talasalitaan at pagpapahalaga ng iba't ibang anyo ng panitikan; Ibong Adarna at Don Juan Tiñoso.
 Credit: 1.0 unit (3 hrs lec per week)
 Year Level: First Year
 Pre-requisite: None

To: Filipino I (Filipino Gram., Comp. and Literature)
 Description: The same
 Credit: 1.5 units (5 hrs lec per week)
 Year Level: First Year
 Pre-requisite: None

2. From: Comm. Arts IIB (Filipino Gram., Comp. and Literature)
 Description: Saklaw ang mga aralin sa wika at panitikan; Florante at Laura.
 Credit: 1.0 unit (3 hrs lec per week)
 Year Level: Second Year
 Pre-requisite: Comm. Arts IB (Filipino Gram., Comp. & Lit.)

- 1
2 To: Filipino II (Filipino Gram., Comp. and Literature)
3 Description: The same
4 Credit: 1.5 units (5 hrs lec per week)
5 Year Level: Second Year
6 Pre-requisite: Filipino I (Filipino Gram., Comp. and Literature)
7
- 8 3. From: Comm. Arts IIIB (Filipino Gram., Comp. and Literature)
9 Description: Mga aralin sa wika na naglalayong malinang ang kakayahang
10 panggramatika kasanayan na magamit nang angkop sa iba't ibang
11 pagkakataon; Noli Me Tangere.
12 Credit: 1.0 unit (3 hrs lec per week)
13 Year Level: Third Year
14 Pre-requisite: Com. Arts IIB (Filipino Gram., Comp. and Lit.)
15
- 16 To: Filipino III (Filipino Gram., Comp. and Literature)
17 Description: The same
18 Credit: 1.5 units (5 hrs lec per week)
19 Year Level: Third Year
20 Pre-requisite: Filipino II (Filipino Gram., Comp. and Literature)
21
- 22 4. From: Comm. Arts IVB (Filipino Gram., Comp. and Literature)
23 Description: Paglinang sa kakayahan at kasanayang pangkomunikatibo bilang
24 paghahanda sa susunod na antas; pagsusuri ng mga piling akdang
25 pampanitikan; El Filibusterismo.
26 Credit: 1.0 unit (3 hrs lec per week)
27 Year Level: Fourth Year
28 Pre-requisite: Comm. Arts IIIB (Filipino Gram., Comp. and Lit.)
29
- 30 To: Filipino IV (Filipino Gram., Comp. and Literature)
31 Description: The same
32 Credit: 1.5 units (5 hrs lec per week)
33 Year Level: Fourth Year
34 Pre-requisite: Filipino III (Filipino Gram., Comp. and Lit.)
35
- 36 5. From: Social Science I (Phil. Hist. and Government and Current Events)
37 Description: Our society from its earliest beginning; struggle of our ancestors to
38 achieve freedom from their colonizers; development of Filipino
39 identity and the 1987 Constitution including current events.
40 Credit: 1.0 unit (3 hrs lec per week)
41 Year Level: First Year
42 Pre-requisite: None
43
- 44 To: Social Studies I (Phil. Hist. and Government and Current Events)
45 Description: The same
46 Credit: 1.2 units (4 hrs lec per week)
47 Year Level: First Year
48 Pre-requisite: None
49
- 50 6. From: Social Science II (History of Asian Nations and Current Events)
51 Description: Historical development of the Asian people; their struggle against
52 the European colonizers; Asia in current world affairs.
53 Credit: 1.0 unit (3 hrs lec per week)
54 Year Level: Second Year
55 Pre-requisite: None
56
57

To: Social Studies II (History of Asian Nations and Current Events)

Description: The same

Credit: 1.2 units (4 hrs lec per week)

Year Level: Second Year

Pre-requisite: None

7. From: Social Science III (World History and Current Events)

Description: Significant developments in world's civilization; ancient and medieval people and modern civilization; United Nations; contemporary current events.

Credit: 1.0 unit (3 hrs lec per week)

Year Level: Third Year

Pre-requisite: None

To: Social Studies III (World History and Current Events)

Description: The same

Credit: 1.2 units (4 hrs lec per week)

Year Level: Third Year

Pre-requisite: None

8. From: Social Science IV (Principles of Economics and Current Events)

Description: Philippine Social and Economic Systems, producer-consumer relationship; impact of policies on resource allocation; taxation in rural Philippines.

Credit: 1.0 unit (3 hrs lec per week)

Year Level: Fourth Year

Pre-requisite: None

To: Social Studies IV (Economics and Current Events)

Description: The same

Credit: 1.2 units (4 hrs lec per week)

Year Level: Fourth Year

Pre-requisite: None

9. From: CAT I (Citizen's Army Training)

Description: Discipline, courtesy, nationalism, citizenship training, leadership and commitment to duties and responsibilities; basic preparation for a higher Citizen's Military Training.

Credit: 1.0 unit (1 hr. lec, 2 hrs lab per week)

Year Level: Fourth Year

Pre-requisite: None

To: CAT I (Citizen's Army Training))

Description: The same

Credit: 1.2 units (1 hr. lec, 3 hrs lab per week)

Year Level: Fourth Year

Pre-requisite: None

Rationale (Items 1 to 9): *The changes in the credit unit and the number of hours are made to comply with minimum requirements of the Department of Education in implementing the Basic Education Curriculum (BEC).*

10. From: Science IIIa (General Chemistry)

Description: General principles of chemistry; technologies on chemical compounds, alloys, and mixtures; concepts of chemical compounds in fertilizers and pesticides; effects on environment.

Credit: 1.5 units (3 hrs lec, 3 hrs lab per week)

Year Level: Third Year
Pre-requisites: Math IIa (Elem. Algebra) and
Science I (Integrated and Environmental Sci.)

To: Science IIIA (General Chemistry)

Description: The same
Credit: 1.5 units (3 hrs lec, 2 hrs lab per week)
Year Level: Third Year
Pre-requisites: Math IB (Elem. Algebra) and
Science I (Integrated Science)

11. From: Chemistry IV (Organic and Biochemistry)

Description: Chemistry of organic substances and biochemistry; agrichemistry, drugs and alternative sources of fertilizers and pesticides.
Credit: 1.5 units (3 hrs lec, 3 hrs lab per week)
Year Level: Fourth Year
Pre-requisite: Science IIIa (General Chemistry)

To: Science IVB (Organic and Biochemistry)

Description: The same
Credit: 1.0 unit (3 hrs lec per week)
Year Level: Fourth Year
Pre-requisite: Science IIIA (General Chemistry)

Rationale (Items 10 and 11): The topic coverage can be condensed and interrelated with one another without jeopardizing the contents of the subject.

12. From: Biology IV (Introductory College Biology)

Description: Specific and applied principles of botany and zoology; recent findings on biology related to medicine and agriculture.
Credit: 0.75 unit (3 hrs lec per week)
Year Level: Fourth Year
Pre-requisite: Science II (Integrated Science - Biology)

To: Science IIIB (Biology 2)

Description: The same
Credit: 1.0 unit (3 hrs lec per week)
Year Level: Third Year
Pre-requisite: Science II (Biology 1)

13. From: Statistics I (Elementary Statistics)

Description: Descriptive statistics, inferential statistics and introduction to probability.
Credit: 0.75 unit (3 hrs lec per week)
Year Level: Fourth Year
Pre-requisite: Math IIa (Elem. Algebra)

To: Statistics I (Introduction to Statistics)

Description: The same
Credit: 1.0 unit (3 hrs lec per week)
Year Level: Second Year
Pre-requisite: Math IB (Elem. Algebra)

Rationale (Items 12 and 13): Changes are made to be consistent with the other subject offerings of giving 1.0 credit unit for every 3-hour lecture per week. Transferring the subjects from the fourth year to lower

year can accommodate the offering of Computer II in the third year and Research II in the fourth year.

14. From: Math IIa (Elementary Algebra)

Description: Algebraic expressions, first degree equation and inequalities in one variable, linear equations in two variables, special products and factoring.

Credit: 1.0 unit (3 hrs lec per week)

Year Level: Second Year

Pre-requisite: Math I (General Math)

To: Math IB (Elementary Algebra)

Description: The same

Credit: 1.0 unit (3 hrs lec per week)

Year Level: First Year

Pre-requisite: None

15. From: Math IIb (Applied Math)

Description: Real number systems, systems of measurements, operations of sets, ratio and proportion, percent, interest, and areas and volumes of plane and solid geometric figures.

Credit: 1.0 unit (3 hrs lec per week)

Year Level: Second Year

Pre-requisite: Math I (General Math)

To: Math IA (Applied Math)

Description: The same

Credit: 1.0 unit (3 hrs lec per week)

Year Level: First Year

Pre-requisite: None

16. From: Math IIIb (Advanced Algebra)

Description: Systems of linear equations and inequalities, quadratic equations, rational algebraic expressions, variation, integral exponents, radical expressions, and arithmetic and geometric progressions.

Credit: 1.0 unit (3 hrs lec per week)

Year Level: Third Year

Pre-requisite: Math IIa (Elementary Algebra)

To: Math IIb (Advanced Algebra)

Description: The same

Credit: 1.0 unit (3 hrs lec per week)

Year Level: Second Year

Pre-requisite: Math IB (Elementary Algebra)

Rationale (Items 14 to 16): Change of nomenclature and year level offering are due to the abolition of General Math in the first year.

D. Change of Subject Title, Description and Contact Hours

1. From: Science I (Integrated and Environmental Science)

Description: Concepts and principles of various science disciplines through a unified approach as the child view the world around him in its totality.

Year Level: First Year

Credit: 1.5 units (3 hrs lec, 3 hrs lab per week)

Pre-requisite: None

To: Science I (Earth Science)

Description: Earth's origin and the nature of its major spheres; lithosphere, pedosphere, atmosphere, hydrosphere and biosphere.

Year Level: First Year

Credit: 1.5 units (3 hrs lec, 2 hrs lab per week)

Pre-requisite: None

Rationale: *The change in the subject title specifies the fields of science actually covered by the subject focusing on the basic concepts in biology, chemistry and physics as applied to the understanding of environmental phenomena and problems.*

2. From: Comm. Arts IVa & b (Eng. Gram., Comp. and Lit. – World Classics)

Description: Structures of English; modifications and expansions of basic sentence patterns; pronouns and their antecedents; tenses of verbs; techniques in expository writing and the study of selected world classics across literary genres.

Year Level: Fourth Year

Credit: 1.5 units (5 hrs lec per week)

Pre-requisites: Comm. Arts IIIa (Eng. Gram., and Comp.) and
Comm. Arts IIIb (Eng. and American Lit.)

To: Comm. Arts IVA (Eng. Gram., Comp. and World Lit.)

Description: Structures of English; principles in English grammar; modifications and expansions of basic sentence patterns; techniques in expository writing and the study of some selected world literature across literary genres.

Year Level: Fourth Year

Credit: 1.5 units (5 hrs lec per week)

Pre-requisite: English III (Eng. Gram. & Comp. and Eng. & American Lit.)

Rationale: *"Literature-World Classics" is changed to "World Literature" to include contemporary literature.*

3. From: Science II (Integrated Science – Biology)

Description: General principles of biology, including biotechnology to provide principles relevant to food production and agriculture.

Year Level: Second Year

Credit: 1.5 units (3 hrs lec, 3 hrs lab per week)

Pre-requisite: Science I

To: Science II (Biology 1)

Description: General principles of biology with emphasis in ecology and biotechnology.

Year Level: Second Year

Credit: 1.5 units (3 hrs lec, 2 hrs lab per week)

Pre-requisite: None

4. From: Science IV (Physics – Electricity, Light and Sound)

Description: Concepts of electricity, magnetism, light and sound, including the technologies related to the concepts.

Year Level: Fourth Year

Credit: 1.5 units (3 hrs lec, 3 hrs lab per week)

Pre-requisite: Science I (Integrated and Environmental Science)

To: Science IVA (Physics)

Description: General principles and technologies of mechanics, heat and thermodynamics, acoustics, optics and electricity.

Year Level: Fourth Year

Credit: 1.5 units (3 hrs lec, 2 hrs lab per week)

Pre-requisite: Science I (Physical, Biological and Environmental Science)

Rationale (Items 3 and 4): *The topic coverage can be condensed and interrelated with one another without jeopardizing the content of the subject.*

5. From: Math IIIa (Plane Geometry)

Description: Conceptualization of geometric ideas, principles of form, arrangement and design in plane objects and structures.

Year Level: Third Year

Credit: 1.0 unit (3 hrs lec per week)

Pre-requisite: Math IIa (Elem. Algebra)

To: Math IIA (Plane and Solid Geometry)

Description: Conceptualization of geometric ideas, principles of form, arrangement and design in plane and solid objects and structures.

Year Level: Second Year

Credit: 1.0 unit (3 hrs lec per week)

Pre-requisite: Math IA (Applied Math) and Math IB (Elem. Algebra)

Rationale: *Solid Geometry is added to provide the students with stronger foundations needed in Trigonometry and Basic Calculus with Analytic Geometry.*

6. From: YDT I (P.E. Scouting, Health and Music)

Description: Scouting, physical fitness, fundamental gymnastic positions, fundamentals in dancing and history of dual/team sports; personal health, population education, drug education; and musical sound, rhythm and melody.

Year Level: First Year

Credit: 1.0 unit (3 hrs lab per week)

Pre-requisite: None

To: PEHM I (P.E., Health and Music)

Description: Physical fitness, fundamental gymnastic positions, fundamentals in dancing and history of dual/team sports; personal health, population education, drug education; and musical sound, rhythm and melody.

Year Level: First Year

Credit: 1.2 unit (2 hrs lec, 2 hrs lab per week)

Pre-requisite: None

7. From: YDT II (P.E. Scouting, Health and Music)

Description: Scouting, physical fitness and gymnastics; folk and social dancing; classification of drugs, and music timbre, rhythm and melody, form and style.

Year Level: Second Year

Credit Unit: 1.0 unit (3 hrs lab per week)

Pre-requisite: YDT I

To: PEHM II (P.E., Health and Music)

Description: Physical fitness and gymnastics; folk and social dancing; classification of drugs, and music timbre, rhythm and melody, form and style.

Year Level: Second Year

Credit: 1.2 unit (2 hrs lec, 2 hrs lab per week)

Pre-requisite: PEHM I

8. From: YDT III (P.E. Scouting, Health and Music)

Description: Scouting and Asian dances and ballroom dancing; mental health and effect of alcoholic beverages and Philippine music.

Year Level: Third Year

Credit Unit: 1.0 unit (3 hrs lab per week)

Pre-requisite: YDT II

To: PEHMA III (P.E., Health, Music and Arts)

Description: Asian dances and ballroom dancing; mental health and effect of alcoholic beverages; Philippine music with visual art materials for deepening the understanding of artistic ideas and values.

Year Level: Third Year

Credit: 1.2 unit (2 hrs lec, 2 hrs lab per week)

Pre-requisite: PEHM II

Rationale (Items 6 to 8): *To follow the Dep. Ed Curriculum of having only P.E., health and music in the first year and second year and P.E., health, music and arts in the third year.*

E. Abolition of Subjects (Implementation of the curriculum is gradual to take effect in SY2003-2004 in the first year only. Abolition of these subjects is only effective upon implementation of the new curriculum)

1. Math I (General Mathematics)

Year Level: First Year

Credit: 1.5 units (5 hrs lec per week)

Rationale: *Topics in General Mathematics are already covered in Elementary Grades IV, V, and VI.*

2. Science IIIb (Physics – Mechanics and Heat)

Year Level: Third Year

Credit: 1.5 units (3 hrs lec, 3 hrs lab per week).

Rationale: *The contents of the subject can already be covered in Science IV (Physics) during the fourth year.*

3. Summer Practicum

Year Level: Third Year

Credit: 3.0 units (120 hrs lab during summer)

Rationale: *The skills to be acquired from the summer practicum can be taught in Technology and Home Economics (THE) subjects.*

LSU Laboratory High School Comparative Subject Schedule: Existing and Proposed Curriculum

FIRST YEAR

Existing Curriculum	No. of Hrs/Wk	Unit	Proposed Curriculum	No. of Hrs/Wk	Unit
Comm. Arts Ia (Eng. Gram. & Composition)	3	1.0	English I (Eng. Gram. & Comp. & Phil. Lit.)	5 Lecture	1.5
Comm. Arts Ib (Philippine Literature)	3	1.0			
Comm. Arts IB (Filipino, Gram., Comp. & Lit.)	3	1.0	Filipino I (Fil. Gram., Comp. & Lit.)	5 Lecture	1.5
Math I (General Mathematics)	5	1.5	Math IA (Applied Math)	3 Lecture	1.0
			Math IB (Elementary Algebra)	3 Lecture	1.0
Science I (Integrated & Environmental Science)	6	1.5	Science I (Earth Science)	5 (3 lec, 2 lab)	1.5
			Computer I (Basic Computer Education)	3 (1 lec, 2 lab)	1.0
			MAKABAYAN:		
Agriculture I (Principles of Crop Science)	6	1.5	THE I (Technology & Home Economics)	4 (2 lec, 2 lab)	1.2
Home Science I (Food & Nutrition & Family Living)	6	1.5			
Social Science I (Phil. History & Govt., Const. & Current Events)	3	1.0	Social Studies I (Phil. History & Govt., Const. & Current Events)	4 Lecture	1.2
YDT I (P.E., Scouting, Health & Music)	3	1.0	PEHM I (P.E., Health & Music)	4 (2 lec, 2 lab)	1.2
Values Education I	3	1.0	Values Education I (Human Beings as Creatures)	1 Lecture	0.4
TOTAL.....	41	12.0	TOTAL.....	37	11.5

SECOND YEAR

Comm. Arts IIa (Eng. Gram. & Composition)	3	1.0	English II (Eng. Gram. & Comp. & Afro-Asian Lit.)	5 Lecture	1.5
Comm. Arts IIb (Asian Literature)	3	1.0			
Comm. Arts IIB (Filipino Grammar & Comp. & Literature)	3	1.0	Filipino II (Fil. Gram., Comp. & Lit.)	5 Lecture	1.5
Math IIa (Elem. Algebra)	3	1.0	Math IIA (Plane & Solid Geometry)	3 Lecture	1.0
Math IIb (Applied Mathematics)	3	1.0	Math IIB (Advanced Algebra)	3 Lecture	1.0
Science II (Integrated Science - Biology)	6	1.5	Science II (Biology 1)	5 (3 lec, 2 lab)	1.5
			Statistics I (Introduction to Statistics)	3 Lecture	1.0
			MAKABAYAN:		
Agriculture II (Principles of Animal Science)	6	1.5	THE II (Technology & Home Economics)	4 (2 lec, 2 lab)	1.2
Home Science II (Personality Dev't. & Home Management)	6	1.5			
Social Science II (History of Asian Nations & Current Events)	3	1.0	Social Studies II (History of Asian Nations & Current Events)	4 Lecture	1.2
YDT II (Scouting, P.E., Health & Music)	3	1.0	PEHM II (P.E., Health & Music)	4 (2 lec, 2 lab)	1.2
Values Education II	3	1.0	Values Education II (Persons as Social Beings)	1 Lecture	0.4
TOTAL.....	42	12.5	TOTAL.....	37	11.5

THIRD YEAR

Existing Curriculum	No. of Hrs/Wk	Unit	Proposed Curriculum	No. of Hrs/Wk	Unit
Comm. Arts IIIa (Eng. Gram. & Composition)	3	1.0	English III (Eng. Gram. & Comp. & English & American Lit.)	5 Lecture	1.5
Comm. Arts IIIb (Eng. & American Literature)	3	1.0			
Comm. Arts IIIB (Filipino, Gram. & Comp. & Literature)	3	1.0	Filipino III (Fil. Gram., Comp. & Literature)	5 Lecture	1.5
Math IIIa (Plane Geometry)	3	1.0	Math III (Trigonometry)	3 Lecture	1.0
Math IIIb (Advanced Algebra)	3	1.0			
Science IIIa (General Chemistry)	6	1.5	Science IIIA (General Chemistry)	5 (3lec, 2 lab)	1.5
Science IIIb (Physics, Mech. and Heat)	6	1.5	Science IIIB (Biology 2)	3 Lecture	1.0
			Computer II (Introduction to Statistical Computing)	3 (1lec, 2 lab)	1.0
			Research I (Research Methods & Design)	2 Lecture	0.8
			MAKABAYAN:		
Agriculture III (Rice Production)	6	1.5	THE III (Technology & Home Economics)	4 (2lec, 2 lab)	1.2
Home Science III (General Cookery)					
Social Science III (World History & Current Events)	3	1.0	Social Studies III (World History & Current Events)	4 Lecture	1.2
YDT III (P.E., Scouting, Health and Music)	3	1.0	PEHMA III (P.E., Health, Music & Arts)	4 (2lec, 2 lab)	1.2
			Values Education III (People, Work and Country)	1 Lecture	0.4
TOTAL.....	39	11.5	TOTAL.....	39	12.3
SUMMER PRACTICUM	120	3.0			

FOURTH YEAR

Comm. Arts IVa (Eng. Gram. & Composition)	5	1.50	English IV (English Grammar & Composition & World Literature)	5 Lecture	1.5
Comm. Arts IVb (Lit. - World Classics)					
Comm. Arts IVB (Fil. Gram. & Comp. & Literature)	3	1.00	Filipino IV (Fil. Gram., Comp. & Literature)	5 Lecture	1.5
Math IV (Plane Trigonometry)	3	1.00	Math IV (Analytic Geometry with Basic Calculus)	5 Lecture	1.5
Science IV (Physics - Elec., Light & Sound)	6	1.50	Science IVA (Physics)	5 (3lec, 2 lab)	1.5
Chemistry IV (Organic and Biochemistry)	6	1.50	Science IVB (Organic Chemistry and Biochemistry)	3 Lecture	1.0
Biology IV (Introductory College Biology)	3	0.75			
Statistics I (Elementary Statistics)	3	0.75	Research II (Research Implementation, Analysis and Documentation)	3 Lecture	1.0
			MAKABAYAN:		
Agriculture IV (Plantation Crops)	3	1.00	THE IV (Technology & Home Economics)	4 (2lec, 2 lab)	1.2
Home Science IV (Courtship, Marriage & Child Care)					
Social Science IV (Prin. of Econ. & Current Events)	3	1.00	Social Studies IV (Economics & Current Events)	4 Lecture	1.2
CAT - I (Citizen's Army Training)	3	1.00	CAT - 1 (Citizen's Army Training)	4 (1lec, 3 lab)	1.2
			Values Education IV (Human Beings as Moral Persons)	1 Lecture	0.4
TOTAL.....	38	11.00	TOTAL.....	39	12.0

Comparison Between Existing, Proposed and the DepEd Basic Education Curriculum (BEC)

Existing Curriculum	No. of Hrs/Wk	Unit	Proposed Curriculum	No. of Hrs/Wk	Unit	DepEd Basic Education Curriculum	No. of Hrs/Wk	Unit
A. Filipino			A. Filipino			A. Filipino		
1. Comm. Arts IB (Fil. Gram. Comp. & Lit.)	3	1.00	1. Filipino I (Fil. Gram. Comp. & Lit.)	5	1.50	1. Filipino I (Fil. Gram. Comp. & Lit.)	5	1.50
2. Comm. Arts IIB (Fil. Gram. Comp. & Lit.)	3	1.00	2. Filipino II (Fil. Gram. Comp. & Lit.)	5	1.50	2. Filipino II (Fil. Gram. Comp. & Lit.)	5	1.50
3. Comm. Arts IIIB (Fil. Gram. Comp. & Lit.)	3	1.00	3. Filipino III (Fil. Gram. Comp. & Lit.)	5	1.50	3. Filipino III (Fil. Gram. Comp. & Lit.)	5	1.50
4. Comm. Arts IVB (Fil. Gram. Comp. & Lit.)	3	1.00	4. Filipino IV (Fil. Gram. Comp. & Lit.)	5	1.50	4. Filipino IV (Fil. Gram. Comp. & Lit.)	5	1.50
Total.....	12	4.00	Total.....	20	6.00	Total.....	20	6.00
B. English			B. English			B. English		
1. Comm. Arts Ia (Eng. Gram. & Comp.)	3	1.00	1. English I (Eng. Gram. Comp. & Phil. Lit.)	5	1.50	1. English I (Eng. Gram. Comp. & Phil. Lit.)	5	1.50
2. Comm. Arts Ib (Phil. Literature)	3	1.00	2. English II (Eng. Gram. Comp. & Asian Lit.)	5	1.50	2. English II (Eng. Gram. Comp. & Asian Lit.)	5	1.50
3. Comm. Arts IIa (Eng. Gram. & Comp.)	3	1.00	3. English III (Eng. Gram. Comp. & Eng. & Amer. Lit.)	5	1.50	3. English III (Eng. Gram. Comp. & Eng. & Amer. Lit.)	5	1.50
4. Comm. Arts IIb (Asian Literature)	3	1.00	4. English IV (Eng. Gram. Comp. & World Lit.)	5	1.50	4. English IV (Eng. Gram. Comp. & World Lit.)	5	1.50
5. Comm. Arts IIIa (Eng. Gram. & Comp.)	3	1.00						
6. Comm. Arts IIIb (Eng. & American Literature)	3	1.00						
7. Comm. Arts IVa (Eng. Gram. & Comp.)	3	1.00						
8. Comm. Arts IVb (Lit. - World Classics)	3	1.00						
Total.....	24	8.00	Total.....	20	6.00	Total.....	20	6.00
C. Mathematics			C. Mathematics			C. Mathematics		
1. Math I (General Mathematics)	5	1.50	1. Math IA (Applied Math)	3	1.00	1. Math I (Elementary Algebra)	5	1.50
2. Math IIa (Elementary Algebra)	3	1.00	2. Math IB (Elementary Algebra)	3	1.00	2. Math II (Geometry)	5	1.50
3. Math IIb (Applied Mathematics)	3	1.00	3. Math IIA (Plane and Solid Geometry)	3	1.00	3. Math III (Advanced Algebra)	5	1.50
4. Math IIIa (Plane Geometry)	3	1.00	4. Math IIB (Advanced Algebra)	3	1.00	4. Math IV (Trigonometry or Business Math or Statistics)	5	1.50
5. Math IIIb (Advanced Algebra)	3	1.00	5. Math III (Trigonometry)	3	1.00			
6. Math IV (Plane Trigonometry)	3	1.00	6. Math IV (Analytic Geometry with Basic Calculus)	5	1.50			
7. Statistics I (Elementary Statistics)	3	0.75	7. Statistics I (Introduction to Statistics)	3	1.00			
Total.....	23	7.25	Total.....	23	7.50	Total.....	20	6.00

Existing Curriculum	No. of Hrs/Wk	Unit	Proposed Curriculum	No. of Hrs/Wk	Unit	DepEd Basic Education Curriculum	No. of Hrs/Wk	Unit
D. Science			D. Science			D. Science		
1. Science I (Integrated & Environmental Sci.)	6	1.50	1. Science I (Earth Science)	5	1.50	1. Science I (Integrated Science)	5	1.50
2. Science II (Integrated Science - Biology)	6	1.50	2. Science II (Biology 1)	5	1.50	2. Science II (Biology)	5	1.50
3. Science IIIa (General Chemistry)	6	1.50	3. Science IIIA (Inorganic Chemistry)	5	1.50	3. Science III (Chemistry)	5	1.50
4. Science IIIb (Physics - Mechanics & Heat)	6	1.50	4. Science IIIB (Biology 2)	3	1.00	4. Science IV (Physics)	5	1.50
5. Science IV (Physics - Elec., Light & Sound)	6	1.50	5. Science IVA (Physics)	5	1.50			
6. Biology IV (Introductory College Biology)	3	0.75	6. Science IVB (Organic and Biochemistry)	3	1.00			
7. Chemistry IV (Organic & Biochemistry)	6	1.50						
Total.....	39	9.75	Total.....	26	8.00	Total.....	20	6.00
E. Agriculture			E. MAKABAYAN			E. MAKABAYAN		
1. Agriculture I (Principles of Crop Science)	6	1.50	1. Technology & Home Economics (THE)			1. Technology & Home Economics (THE)		
2. Agriculture II (Principles of Animal Science)	6	1.50	a. THE I (Technology & Home Economics)	4	1.20	a. THE I (Technology & Home Economics)	4	1.20
3. Agriculture III (Rice Production)	6	1.50	b. THE II (Technology & Home Economics)	4	1.20	b. THE II (Technology & Home Economics)	4	1.20
4. Agriculture IV (Plantation Crops)	3	1.00	c. THE III (Technology & Home Economics)	4	1.20	c. THE III (Technology & Home Economics)	4	1.20
			d. THE IV (Technology & Home Economics)	4	1.20	d. THE IV (Technology & Home Economics)	4	1.20
Total.....	21	5.50	Total.....	16	4.80	Total.....	16	4.80
F. Social Sciences			2. Social Studies			2. Social Studies		
1. Soc. Sci. I (Phil. Hist. & Gov't. & C.E.)	3	1.00	a. Soc. Studies I (Phil. History & Gov't. & C.E.)	4	1.20	a. Soc. Studies I (Phil. Hist. & Gov't.)	4	1.20
2. Soc. Sci. II (History of Asian Nations & C.E.)	3	1.00	b. Soc. Studies II (Hist. of Asian Nations & C.E.)	4	1.20	b. Soc. Studies II (Hist. of Asian Nations)	4	1.20
3. Soc. Sci. III (World History & C.E.)	3	1.00	c. Soc. Studies III (World History)	4	1.20	c. Soc. Studies III (World History)	4	1.20
4. Soc. Sci. IV (Principles of Econ. & C.E.)	3	1.00	d. Soc. Studies IV (Prin. of Econ. & C.E.)	4	1.20	d. Soc. Studies IV (Economics)	4	1.20
Total.....	12	4.00	Total.....	16	4.80	Total.....	16	4.80
G. Youth Development Training			3. Physical Education, Health and Music (PEHM)			3. Physical Education, Health and Music (PEHM)		
1. YDT I (Scouting, P.E., Health & Music)	3	1.00	a. PEHM I (P.E., Health & Music)	4	1.20	a. PEHM I (P.E., Health & Music)	4	1.20
2. YDT II (Scouting, P.E., Health & Music)	3	1.00	b. PEHM II (P.E., Health & Music)	4	1.20	b. PEHM II (P.E., Health & Music)	4	1.20
3. YDT III (Scouting, P.E., Health & Music)	3	1.00	c. PEHM III (P.E., Health, Music & Arts)	4	1.20	c. PEHM III (P.E., Health, Music & Arts)	4	1.20
4. CAT I (Citizen's Army Training)	3	1.00	d. CAT I (Citizen's Army Training)	4	1.20	d. CAT I (Citizen's Army Training)	4	1.20
Total.....	12	4.00	Total.....	16	4.80	Total.....	16	4.80
H. Values Education			4. Values Education			4. Values Education		
1. Values Education I	3	1.00	a. Values Ed. I (Human Beings as Creatures)	1	0.40	a. Values Ed. I	1	0.40
2. Values Education II	3	1.00	b. Values Ed. II (Persons as Social Beings)	1	0.40	b. Values Ed. II	1	0.40
Total.....	6	2.00	c. Values Ed. III (People, Work and Country)	1	0.40	c. Values Ed. III	1	0.40
			d. Values Ed. IV (Human Beings as Moral Persons)	1	0.40	d. Values Ed. IV	1	0.40
I. Summer Practicum (for third year students only)	120	3.00	Total.....	4	1.60	Total.....	4	1.60
J. Home Science			F. Other Subjects:					
1. Home Sci. I (Food & Nutrition & Family Living)	6	1.50	1. Computer I (Basic Computer Education)	3	1.00			
2. Home Sci. II (Personality Dev't. & Home Mgt.)	6	1.50	2. Computer II (Intro. to Statistical Computing)	3	1.00			
3. Home Sci. III (General Cookery)	6	1.50	3. Research I (Res. Methods & Design)	2	0.80			
4. Home Sci. IV (Courtship, Marriage & Child Care)	3	1.00	4. Research II (Res. Implementation, Analysis & Doc.)	3	1.00			
Total.....	21	5.50	Total.....	11	3.80			
GRAND TOTAL.....	290	53.00	GRAND TOTAL.....	152	47.30	GRAND TOTAL.....	132	40.00

Proposed Revision of the LSU Laboratory High School Curriculum

FIRST YEAR	No. of Hrs/Wk	Unit
English I (Eng. Gram. & Comp. & Phil. Lit.)	5 Lecture	1.5
Filipino I (Fil. Gram., Comp. & Lit.)	5 Lecture	1.5
Math IA (Applied Math)	3 Lecture	1.0
Math IB (Elementary Algebra)	3 Lecture	1.0
Science I (Earth Science)	5 (3 lec, 2 lab)	1.5
Computer I (Basic Computer Education)	3 (1 lec, 2 lab)	1.0
MAKABAYAN:		
THE I (Technology & Home Economics)	4 (2 lec, 2 lab)	1.2
Social Studies I (Phil. Hist. & Govt., Const. & Current Events)	4 Lecture	1.2
PEHM I (P.E., Health & Music)	4 (2 lec, 2 lab)	1.2
Values Education I (Human Beings as Creatures)	1 Lecture	0.4
TOTAL.....	37	11.5
SECOND YEAR	No. of Hrs/Wk	Unit
English II (Eng. Gram. & Comp. & Afro-Asian Lit.)	5 Lecture	1.5
Filipino II (Fil. Gram., Comp. & Lit.)	5 Lecture	1.5
Math IIA (Plane & Solid Geometry)	3 Lecture	1.0
Math IIB (Advanced Algebra)	3 Lecture	1.0
Science II (Biology 1)	5 (3 lec, 2 lab)	1.5
Statistics I (Introduction to Statistics)	3 Lecture	1.0
MAKABAYAN:		
THE II (Technology & Home Economics)	4 (2 lec, 2 lab)	1.2
Social Studies II (History of Asian Nations & Current Events)	4 Lecture	1.2
PEHM II (P.E., Health & Music)	4 (2 lec, 2 lab)	1.2
Values Education II (Persons as Social Beings)	1 Lecture	0.4
TOTAL.....	37	11.5
THIRD YEAR	No. of Hrs/Wk	Unit
English III (Eng. Gram. & Comp. & English & American Lit.)	5 Lecture	1.5
Filipino III (Fil. Gram., Comp. & Literature)	5 Lecture	1.5
Math III (Trigonometry)	3 Lecture	1.0
Science IIIA (General Chemistry)	5 (3 lec, 2 lab)	1.5
Science IIIB (Biology 2)	3 Lecture	1.0
Computer II (Introduction to Statistical Computing)	3 (1 lec, 2 lab)	1.0
Research I (Research Methods & Design)	2 Lecture	0.8
MAKABAYAN:		
THE III (Technology & Home Economics)	4 (2 lec, 2 lab)	1.2
Social Studies III (World History & Current Events)	4 Lecture	1.2
PEHMA III (P.E., Health, Music & Arts)	4 (2 lec, 2 lab)	1.2
Values Education III (People, Work and Country)	1 Lecture	0.4
TOTAL.....	39	12.3
FOURTH YEAR	No. of Hrs/Wk	Unit
English IV (English Grammar & Composition & World Literature)	5 Lecture	1.5
Filipino IV (Filipino Grammar, Composition & Literature)	5 Lecture	1.5
Math IV (Analytic Geometry with Basic Calculus)	5 Lecture	1.5
Science IVA (Physics)	5 (3 lec, 2 lab)	1.5
Science IVB (Organic Chemistry and Biochemistry)	3 Lecture	1.0
Research II (Research Implementation, Analysis and Documentation)	3 Lecture	1.0
MAKABAYAN:		
THE IV (Technology & Home Economics)	4 (2 lec, 2 lab)	1.2
Social Studies IV (Economics & Current Events)	4 Lecture	1.2
CAT - 1 (Citizen's Army Training)	4 (1 lec, 3 lab)	1.2
Values Education IV (Human Beings as Moral Persons)	1 Lecture	0.4
TOTAL.....	39	12.0

**Faculty Loading for the First Year Implementation of the Revised LSU-Laboratory
High School Curriculum (SY 2003-2004)**

A . MATHEMATICS AND SCIENCE SECTION

1 . ALBARICO, Virgenita G. (Associate Prof. IV)

<u>Degree</u>	<u>Major</u>	<u>Minor</u>	<u>Subjects To Teach</u>	<u>No. of Hrs. per Week</u>
BSE	Mathematics	English	Math IIIa-Diamond	3
MAEd	Mathematics	-	Math IIIa-Emerald	5
Ph.D.	Edu'l. Mgt.	-	Math IIIa-Jade	5
			Math IIIb-Diamond	3
			Math IIIb-Emerald	5
				<u>21</u>

2 . BANDALA, Pedro Jr. I. (Asst. Professor III)

BSE	Mathematics	-	Math IV-Venus	3
MA Educ.	Mathematics	-	Math IV-Jupiter	5
			Math IV-Mars	5
			Statistics I - Venus	3
			College Secretary	5
				<u>21</u>

3 . CALUNANGAN, Victor P. (Instructor III)

BS Electronics & Comm. Eng'g.		-	Math IA-Rosal	3
		-	Math IA-Sampaguita	3
			Math IA-Orchid	3
			Math IIb-Mango	3
			Math IIb-Chico	3
			Math IIb-Atis	3
			Math IB-Sampaguita	3
				<u>21</u>

4 . LICAYAN, Rogelio C. (Asst. Professor IV)

BS Commerce	Accounting	-	Math IIa-Atis	3
BSE	Mathematics	-	Math IIa-Chico	3
M.Ag.Dev.	Economics	-	Math IIa-Mango	3
			Math IB-Rosal	3
			Soc.Sci.IV-Venus	3
			Soc.Sci.IV-Jupiter	3
			Soc.Sci.IV-Mars	3
				<u>21</u>

5 . Mr. X - TO BE HIRED (B.S. Statistics)

Computer I-Rosal	3
Computer I-Sampaguita	3
Computer I-Orchid	3
Statistics I-Jupiter	3
Statistics I-Mars	3
Math IIIb-Jade	5
Math IB-Orchid	3
	<u>23</u>

6 . ISRAEL, Elizabeth N. (Asso. Professor II)

BSE	Gen. Science	-	Science I-Rosal	5
M.A.Ed.	Science Educ.	-	Science I-Sampaguita	5
			Science I-Orchid	5
			Biology IV-Jupiter	3
			Biology IV-Mars	3
				<u>21</u>

7 . MONTES, Humberto R. Jr. (Asso. Professor II)

BSE	Biology	-	Science II-Atis	6
MSS	Marine Biology	-	Science II-Chico	6
			Science II-Mango	6
			Biology IV-Venus	3
				<u>21</u>

8 . NORRIS, Lucia S. (Instructor III)			Science IIIa-Diamond	6
			Science IIIa-Emerald	6
Chemical Eng'g.			Science IIIa-Jade	6
			Chemistry IV-Venus	6
				<u>24</u>
9 . ARPILLED, Rolando H. (Asso. Prof. V)			Science IV-Venus	6
			Science IV-Jupiter	6
BSE-AB	Physics	Math	Science IV-Mars	6
	Literature	-	Science IIIB-Diamond	6
M.A.	Teaching Physics & Chemistry			<u>24</u>
Ph.D.	Educ'l. Mgt.	-		

B . COMM. ARTS/SOC.SCI/PEHM & CAT SECTION

1 . CATRE, Salvador P. Jr. (Instructor I)			Comm. Arts IIa-Atis	3
			Comm. Arts IIa-Chico	5
BSEd	English	-	Comm. Arts IIa-Mango	5
BCAB	Business Mgt.	-	Comm. Arts IIb-Mango	3
			Comm. Arts IIb-Atis	3
			Comm. Arts IIb-Chico	3
				<u>22</u>
2 . GRAVOSO, Annie P. (Instructor I)			Comm. Arts IIIa-Diamond	3
			Comm. Arts IIIa-Emerald	5
A.B.	Linguistics	-	Comm. Arts IIIa-Jade	5
M.S.	English	-	Comm. Arts IIIB-Diamond	3
			Comm. Arts IIIB-Emerald	3
			Comm. Arts IIIB-Jade	3
				<u>22</u>
3 . ENAGE, Susan M. (Instructor I)			Filipino I-Rosal	5
			Filipino I-Sampaguita	5
BSEd	Filipino	-	Filipino I-Orchid	5
			Comm. Arts IIIB-Diamond	3
			Comm. Arts IIIB-Emerald	3
				<u>21</u>
4 . SUBERE, Josefina Q. (Asst. Professor IV)			Guidance Facilitator	3
			Comm. Arts IIb-Atis	3
BSE	Filipino		Comm. Arts IIb-Chico	3
M.A.Ed	Filipino		Comm. Arts IVB-Venus	3
			Comm. Arts IVB-Jupiter	3
			Comm. Arts IVB-Mars	3
				<u>18</u>
5 . Mr. X - TO BE HIRED (English major, minor Filipino)			Comm. Arts IVa&b-Venus	5
			Comm. Arts IVa&b-Jupiter	5
			Comm. Arts IVa&b-Mars	5
			Comm. Arts IIb-Mango	3
			Comm. Arts IIIB-Jade	3
				<u>21</u>
6 . CERNA, Gaudencio V. Jr. (Asso. Professor I)			Soc. Science II-Atis	3
			Soc. Science II-Chico	3
BSE	History		Soc. Science II-Mango	3
M.A.Ed	Social Science		Soc. Science III-Diamond	3
			Soc. Science III-Emerald	3
			Soc. Science III-Jade	3
			Social Studies I-Rosal	4
				<u>22</u>

7. VILLALINO, Martha Y. (Asst. Professor I)

BSE Physical Ed.

PEHM I-Rosal	4
PEHM I-Sampaguita	4
PEHM I-Orchid	4
YDT III-Diamond	3
YDT III-Emerald	3
YDT III-Jade	3
	21

8. Mr. X - TO BE HIRED

(English major, minor Soc. Sci.)

English I-Sampaguita	5
English I-Orchid	5
English I-Rosal	5
Social Studies I-Sampaguita	4
Social Studies I-Orchid	4
	23

C. VOCATIONAL AGRIC./HOME SCIENCE SECTION

1. PIAD, Erlinda F. (Asst. Professor I)

BSAg.Ed. Agronomy

THE I-Rosal	2
THE I-Sampaguita	2
THE I-Orchid	2
Agriculture IV-Venus	3
Agriculture IV-Jupiter	6
Agriculture IV-Mars	6
	21

2. ABENOJA, Evelio A. (Instructor III)

BSA Agronomy

Agriculture II-Atis	6
Agriculture II-Chico	6
Agriculture II-Mango	6
YDT II-Chico	3
YDT II-Mango	3
	24

3. LINA, Dario P. (Instructor I)

BSA Agronomy

Agriculture III-Diamond	6
Agriculture III-Emerald	6
Agriculture III-Jade	6
YDT II-Atis	3
CAT-I	3
	24

4. LAMBERT, Nelen P. (Asso. Professor IV)

BSAH Foods
MS Arts and Crafts
Ph.D. Dev.Ed.Mgt.

Guest House Manager	5
THE I-Rosal	2
THE I-Sampaguita	2
THE I-Orchid	2
Home Science II-Atis(Lec)	3
Home Science II-Chico(Lec)	3
Home Science II-Mango(Lec)	3
Values Ed. I-Rosal	1
Values Ed. I-Sampaguita	1
Values Ed. I-Orchid	1
	23

5. MASENDO, Alicia B. (Asso. Professor III)

BSAH Foods
MAT Foods

Home Science III-Diamond	6
Home Science III-Emerald	6
Home Science III-Jade	6
Home Science II-Mango(Lab)	3
	21

6. DABUET, Jovita V. (Asso. Professor III)

BSAH Clothing & Text.
MAT Arts & Crafts
Ph.D. Dev.Ed.Mgt.

Home Science IV-Venus	3
Home Science IV-Jupiter	6
Home Science IV-Mars	6
Home Science II-Atis(Lab)	3
Home Science II-Chico(Lab)	3
	21

LSH Laboratory High School
DEPARTMENT OF SCIENCE EDUCATION
LEYTE STATE UNIVERSITY
Visca, Baybay, Leyte

FACILITIES NEEDED

1. Fifty (50) units Computers
2. Ten (10) Compound microscopes
3. Three (3) units Overhead projectors
4. One (1) unit Slide projector
5. One (1) unit LCD projector
6. One (1) unit Projector screen
7. Five (5) units Stereomicroscopes
8. Five (5) units Weighing scales
9. Five (5) units Alcohol lamps
10. One (1) set Zoology chart
11. One (1) set Botany chart
12. Four (4) units Display cabinets
13. Five (5) units Laboratory tables
14. Fifty (50) units Stools
15. One Hundred Fifty (150) units Monobloc armchairs
16. One (1) unit Refrigerator
17. One (1) unit Karaoke
18. Two (2) sets Baseball equipment
19. Three (3) sets Badminton equipment
20. Six Hundred square meters (660 m²) Herbal garden and aviary
21. One (1) unit Knapsack sprayer (60 liters)
22. One (1) unit 4-Wheel tractor, 20H.P., surplus, complete with farm implements and accessories (for instructional use in farm mechanics and maintenance of high school project of 1.0 hectare upland field including mowing of high school lawn.