

VISAYAS STATE CULLEGE OF AGRICULTURS MINUTES OF THE OF TRUSTEES HELD ON JULY 22, 1961. AT THE PASUC CONFERENCE ROOM, MEC, METRO MANELA MPRIMED MINUTES OF THE 41st (SPECIAL) MEETING OF THE VISCA BOARD OF TRUSTEES HELD ON JULY 22, 1981 AT THE PASIC COMPERENCE ROOM, OF SICE Hon. Abraham I. Felipe MEC, METRO MANILA Deputy Minister of Remoation a (Represent DECISIONS/AGRITMENTS MADE BY THE BOARD OF TRUSTERS Hon, F. A. Berna President, Visay ate College of Agriculture PAGE Baybay, Leyte 1. RESOLUTION NO. 46, s. 1981 Member Asst. Directory in principle the involvement of Visca 12 13 In the Bastern Visayas Farming Systems Project, with ... RESOLUTION NO. 45, S. 1981 MEC Representative Mr. John PASUC Co. Confirming the appointment of : (Appendix A) 16 Dr. Bernabe B. Cocjin, Associate Professor, at ... 2. Dr. Eugeno B. Lanada, Instructor, at great Assistant to the College President 1 RESOLUTION NO. 46, S. 1981 Approving the major offering in plant breeling and ag botany under the BSA degree program, (Appendix B) ... 4. RESOLUTION NO. 47, s. 1981 24 Approving the graduation of the twelve candidates for graduation as of Summer 1981 (Appendix C), subject ... 5. RESOLUTION NO. 48, s. 1981 Approving the assendment on the VISCA Code, particularly on the grade point averages (GPAs) for Latin honors for college graduates, ... The Board approved the agenda as submitted, including three other items under "Other Matters:", which were presented in the course of the meeting. B. Report of the College President:

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MINUTES OF THE 41st (SPECIAL) MEETING OF THE VISCA BOARD OF TRUSTEES HELD ON JULY 22, 1981, AT THE PASUC CONFERENCE ROOM, MEC, METRO MANILA] 2 3	
Prese	nt:	ka marana *	4
	Hon. Abraham I. Felipe Deputy Minister of Education and Cult (Represented Minister O. D. Corpuz, C		5 6 7
	Hon. F. A. Bernardo President, Visayas State College of A Baybay, Leyte	Vice Chairman griculture	8 9 10
	Hon. Jose M. Lawas Asst. Director General N E D A	Membe r	11 12 13
Others	Present:		14
	Mr. John S. Imlan PASUC Coordination Office MEC, Metro Manila	MEC Representative	15 16 17
	Dr. Leonardo L. Manalo Assistant to the College President ViSCA Manila	Invited	18 19 20
	Prof. Andres F. Duatin College Secretary ViSCA, Baybay, Leyte	Secretary	21 22 23
Call t	o Order:		24
	MEC deputy Minister Felipe, th	ne presiding officer	25
	called the meeting to order at 1:00 p.	a.	26
I.	Preliminaries:		27
	A. Approval of the Proposed Agenda:	and was to respect	28
	The Board approved the agenda	as submitted, including	29
	three other items under "Other Matters	s:", which were presented	30
	in the course of the meeting.		31
	B. Report of the College President:		32

1. Student scholarship. A study on standardization of	
student scholarships and grants-in-aid in SCUs has been completed.	-
The data show considerable variations not only in stipends and	.;
other privileges, but also in qualification requirements.	4
2. 57th ViSCA anniversary celebration. The celebration of	ŭ
the 57th anniversary of the college shall be held on August 21 and 22,	E
with Dr. Dioscoro Umali, FAO Assistant Director General, as anniver-	. 7
sary speaker.	8
3. Key administrative staff of the PSPC visited ViSCA.	9
The key administrative staff of the Panay State College of Poly-	10
technic, Capiz, recently visited ViSCA requesting the Administration	11
to help them formulate development plans for the new state college in	12
Central Visayas. ViSCA has committed itself to assist PSPC in	1.3
making its 5-year development plan.	14
4. Six Japanese visitors. Six Japanese scientists on post-	15
harvest were recent visitors of ViSCA under the NSDB-JSPS exchange	16
program. Under this agreement, ViSCA will send selected staff to	17
noted agricultural universities in Japan for short term studies.	18
Mr. Jesus Lim and Ms. Lutgarda Palomar shall be sent to Japan under	19
this agreement.	20
Dr. Emma Data and Dr. Lydia Gloria acted as counterparts	21.
of these Japanese scientists who did research work in ViSCA for	22
one month.	23
5. PCARR-Visca research evaluation completed. The	24
evaluation of the PCARR-funded researches being conducted at ViSCA	25
has been completed by the second week of July this year, with the	26
presentation of some 91 research studies/projects by the respective	27

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leaders of these researches.	1
6. Possible visit of the First Lady. Pres. Bernardo	2
informed the Board that ViSCA was in receipt of an official	.3
communication informing the College about the possible visit of	4
Madame Imelda R. Marcos to ViSCA anytime.	5
. Ratification of the Minutes of the Previous Meeting:	6
The minutes of the previous meeting were ratified as	7
presented.	8
Matters Arising from the Minutes:	9
None.	10
For Approval/Confirmation/Ratification:	11
A. Administrative Matters:	12
1. Eastern Visayas Farming Systems Project	13
Pres. Bernardo explained to the members of the Board that	14
the paper on the Eastern Visayas Farming Systems Project "is a	15
product of meetings with USAID and the Ministry of Agriculture."	16
A joint venture of Visca and MA in Region VIII, with	17
USAID support, "this project is not a research undertaking but	18
a development action program. Different farming systems are	19
to be tested and adapted to the agroclimatic conditions of Leyte	20
and Samar."	21
"The MA shall try different promising systems of farming	22
in the different areas of the region, with ViSCA providing the	23
training arm for the personnel and the verification of agricultural	24
technology within the service area."	25
In the discussions that ensued, Minister Felipe inquired:	26

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"In what way can you be useful to the 'bayanihan'?" "It should	1
be useful to the 'bayanihan', because in this project we would	2
be able to advise the different municipalities involved in the	. 3
various aspects of farming, including marketing," Pres. Bernardo	4
answered.	5
Dr. Lawas, on the other hand, assured the Minister that	6
the project is "alright" because "it is oriented toward poverty-	7
stricken areas" as identified by the government. The NEDA	8
Assistant Director General was optimistic about the said farming	9
systems project but wondered "how the possible reorganization of	10
the government shall affect it."	11
Pres. Bernardo revealed that "there has been a question	12
that the GOP's contribution is big, but we will try to reduce	13
it." "We will report to the Board the details of the approved	14
budget," the College President added.	1.5
On motion duly seconded, the Board passed:	16
RESOLUTION NO. 44, s. 1981	17
Approving in principle the involvement of Visca in the Eastern Visayas Farming Systems Project, with the suggestion that the Board be apprised of the progress of said project.	18 19 20 21
<u>Approved</u>	22
2. ViSCA Annual Report 1980	23
The College President gladly announced that "1980 was	24
an eventful year for ViSCA in that about 90-92 per cent of	25
its goal were accomplished." He also enumerated those things	26

which the College could not accomplish, to wit.:

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1. Problem on land acquisition. ViSCA has this unsolved	1
problem on land acquisition "because of a big haciendero" who has	2
been using the names of the small landowners in his delaying legal	3
tactics.	4
2. Delay in the return of scholars. Some scholars could	5
not report/return on time mainly "due to thesis problems." Pres.	6
Bernardo, of course, did not fail to mention the fact that there	7
are those scholars who finished their studies earlier than the	8
schedule.	9
3. Organization of the Department of Horticulture.	10
"The organization of the department of horticulture has been	11
deferred until I get the right fellow to be the head," the College	12
President disclosed.	13
4. BSES program delayed. The plan to offer the Bachelor	14
of Science in Experimental Statistics could not be implemented	15
in 1980 because of the delay in staff development in the area of	16
statistics.	17
5. Uncompleted buildings. The two instructional buildings	18
that remain uncompleted are the Animal Science and Home Science	19
buildings. The College has no complete control on the construction	20
of these buildings which are under contract with EDPITAF.	21
6. Semi-commercial projects. The semi-commercial projects	22
could not be started for lack of initial capital or "seed money".	23
The College is waiting for the approval of its revolving fund by	24
the Ministry of the Budget.	25
Reactions to the annual report:	26

1. On the commercial project. Minister Felipe reminded

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the College President about the revolving fund as provided for in	1
101 1026, for the capital that ViSCA needs. Pres. Bernardo	2
reiterated that there is a delay in the approval of its request	3
for revolving funds charged to ViSCA's savings in 1980.	4
2. On the annual report 1980. The Board preferred a	5
much shorter annual report than the 1980 annual report of Visca,	6
a bound copy of 269 pages including pictorials. Pres. Bernardo	7
promissed to have the next annual report in summary and in printed	8
form, with separate volumes on research and extension which are	9
essential documents to keep for posterity.	10
3. Appointment of college personnel. The appointments	11
presented for confirmation were distributed as follows: two (2)	12
under the Animal Science and Vet Med; one (1) under the Experi-	13
mental Rural High School; one (1) in the PRCRTC; and two (2)	14
under the Plant Protection department (Appendix A).	15
On motion duly seconded, the Board passed:	16
RESOLUTION NO. 45, s. 1981	17
Confirming the appointment of: (Appendix A)	18
1. Dr. Bernabe B. Cocjin, Associate Professor,	19
at \$29,148.00 p.a., effective June 19, 1981; 2. Dr. Eugene B. Lanada, Instructor, at \$14,532.00	20 21
p.a., effective June 19, 1981; 3. Mr. Nico D. Calingacion, Instructor, at \$12,516.00	22 23
p.a., effective July 2, 1981; 4. Ms. Dionesia M. Trigo, Instructor, at \$14,532.00	24 25
p.a., effective July 1, 1981; 5. Mr. Vermando M. Aquino, Instructor, at \$17,724.00	26 27
p.a., effective June 26, 1981; and, 6. Ms. Mae Anne Y. Duatin, Asst. Instructor, at	28 29
\$11,904.00 p.a., effective June 17, 1981.	30
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B. Academic Matters:	1.
1. Proposed Revision of the Major Offering in Plant	2
Breeding and Ag. Botany Under the BSA Degree Program	. 3
Pres. Bernardo explained to the Board that ViSCA had	4
envisioned the splitting of the major offering of plant breeding	5
and ag botany into two majors under the BSA degree program,	6
namely: 1. plant breeding and 2. ag botany. Now, that the	7
department has the facilities and necessary faculty, the split	8
is recommended, (Appendix B).	9
After a couple of questions as to the gain in splitting	10
the major offering into two and the possible additional budget	11
due to the split, which were answered by Pres. Bernardo to the	12
satisfaction of the Board, the following resolution was passed:	13
RESOLUTION NO. 46, s. 1981	14
Approving the revision of the major offering in plant breeding and ag botany under the BSA degree program, (Appendix B) by splitting the same into two: (1) BSA major in Plant Breeding and (2) BSA major in Ag Botany, to take effect starting the second semester, SY 1981-1982.	15 16 17 18 19 20
Approved	21
2. Candidates for Graduation, Summer 1981	22
Twelve (12) candidates for graduation, as of Summer 1981,	23
presented for Board approval, are distributed as follows,	24
(Appendix C):	25
BSA	26 27 28 29 30

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	On motion duly seconded, the Board passed:	1
	RESOLUTION NO. 47, s. 1981	2
	Approving the graduation of the twelve candidates for graduation as of Summer 1981 (Appendix C), subject to the completion of all requirements for graduation, including final clearance.	3 4 5 6 7
	Approved	8
V.	Other Matters:	9
	A. Reorganization of ViSCA's Extension Program	10
	The proposal to reorganize ViSCA's extension program was	11
	deferred for the next Board meeting with Min. Felipe's recommenda-	12
	tion to (a) have a brief, clear-cut proposal, (b) to include	13
	reasons for phasing out the existing program, (c) what to do with	14
1	the present personnel, and (d) the cost involved as a result of	15
	the reorganization.	16
	B. Proposed Amendment on the ViSCA Code: Graduation With Honors	17
	The proposed amendment on the ViSCA Code was a change in	18
4	the grade point averages (GPAs) for the three Latin honors for	19
	college graduates (Appendix D), to conform with other premiere	20
	institutions of learning in the islands, in this regard.	21
	On motion duly seconded, the Board passed:	22
	RESOLUTION NO. 48, s. 1981	23
	Approving the amendment on the ViSCA Code, particularly on the grade point averages (GPAs) for Latin honors for college graduates, as follows, (Appendix D):	24 25 26 27
1.	Cum Laude 1.75 to 1.46 Magna cum Laude 1.45 to 1.21 Summa cum laude 1.20 to 1.00	28 29 30
	This takes effect in the school year 1981-1982.	31
	Approved	32

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C. Technical Assistance on Curriculum Development	1
President Bernardo informed the Board that there are good	. 2
prospects for ViSCA to have technical assistance from renowned	3
universities in New Zealand, particularly on the area of curriculum	4
development, as evidenced by the copies of letters from the New	5
Zealand Government. The President favors a VisCA-Massey University	6
tie-up because of Massey University's strong academic programs and	7
field practice for students.	-8
Board Action: Noted	9
There being no other matter to discuss, the	10
presiding officer adjourned the meeting at 1:50 p.m.	11

Certified True and Correct:

ANDRES F. DUATIN
Secretary

Attested:

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DR. ABRAHAM I. FELIPE Presiding Officer

Approved as corrected: September 5, 1981

Appointment of College Personnel for Confirmation

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Animal Science & Veterinary Medicine

1. Mr. Bernabe B. Cocjin
Ph. D. in Animal Science
UPLB 1975
Age: 40 yrs. old

2. Mr. Eugene B. Lanada
BS in Veterinary Medicine
UP Diliman 1980
Age: 24 yrs. old

Experimental Rural High School

1. Mr. Nico D. Calingacion
BS in Biology (Cum Laude)
Silliman 1981
Age: 20 yrs. old

Associate Professor Salary: 729,148.00 p.a. Effectivity: June 19, 1962 Status: Temporary

Instructor
Salary: \$14,532.00 p.a.
Effectivity: June 19, 1981
Status: Temporary

Instructor
Salary: 14,532.00 p.a.
Effectivity: July 2, 1981
Status: Teapoury

Philippine Root Crop Research & Training Center

Ms. Dionesia M. Trigo
MS in Plant Pathology
UPLB 1981
Age: 23 yrs. cld

Instructor
Salary: Pi2,516.00 p.a.
Effectivity: July 1, 1961
Status: Temporary

Plant Protection

1. Mr. Vermando M. Aquino
MS in Pathology (Plant Virology)
UPLB 1981
Age: 23 yrs. old

2. Ms. Mae Anne Y. Duatin
BS in Agriculture (Crop Protection)
ViSCA 1979
Age: 23 yrs. old

Instructor
Salary: P17,724.00 p.a.
Effectivity: June 20, 1981
Status: Temporary

Assistant Instructor
Salary: Pil,904.00 p.a.
Effectivity: June 17, 1900
Status: Temporary

Approved

Revision of the Major Offering in Plant Breeding and

Ag. Botany Under the BSA Degree Program

The present major program in Plant Breeding and Ag. Botany was formulated six years ago when there were only three staff members in the department. During that time, the staff members of the college were also very limited. Since then, the College has been undetaking a massive up-grading of the technical expertise of the existing academic staff and recruiting more highly qualified scientists.

Although recruitment and staff development are still going on, the college at present has already a much stronger academic staff than it had six years ago. This then prompted the department to assess its present major program. The following revisions are being proposed to improve the existing program and provide indepth training for graduates specializing in either Plant Breeding or Ag. Botany.

I. Revision by splitting the present BSA major in Plant Breeding and Ag. Botany into two: (1) BSA major in Plant Breeding and (2) BSA major in Ag. Botany

Rationale:

Ag. Botany and Plant Breeding are two different fields of study. Plant Breeding has been recognized as a distinct field of Ag. Botany because it has grown tremendously, as evidenced by the establishment of the "Institute of Plant Breeding" in UP Los Banos. At present, students in ViSCA have no option to choose between Plant Breeding and Ag. Botany as major fields of specialization because these two fields are not offered as separate majors but as a combination of the two. As a result, graduates of this major program are generalists as far as courses are concerned because they lack depth in technical knowledge in both fields but, based on the thesis requirement they are specialists by necessity because it is very impractical to assign undergraduate students thesis problems that cover both Ag. Botany and Plant Breeding.

List of Courses for Majors in Plant Breeding and Majors in Ag. Botany
Undergraduate Courses

A. BSA Major in Plant Breeding

Core Courses

	Course No.	Course Title Credit Units
Ag. Ag. Pl.	Botany 113 Botany 115 Botany 116 Breeding 111	Principles of Plant Physiology 3 Plant Growth and Development 3 Cytology and Cytogenetics 3 Principles of Plant Breeding 3
Pl. Pl. Pl.	Breeding 113 Breeding 114 Breeding 117	Breeding of Horticultural Crops 3 Breeding of Field Crops 3 Experimental Design and Field Plot Techniques 3
P1.	Breeding 198	Research Planning and Manuscript Preparation 3
Pl. Pl.	Breeding 199 Breeding 200	Undergraduate Seminar 1 Undergraduate Thesis 6 Total 31

Brecrives: (Bereer 12 mirts)			
Course No.	Course Title	Credit Units	
Agronomy 121	Root Crops	3	
Agronomy 141	Tropical Olericulture	3	
Agronomy 142	Legumes	3	
Agronomy 144	Cereal Production	3	
Statistics 134	Statistical Methods	3	
Ag. Botany 122	Plant Morphology and Anatomy	3	
Ag. Botany 124	Plant Microtechnique	3	
Ag. Botany 141	Plant Systematics	3	
Ag. Botany 142	Introductory Plant Ecology	3	
Ag. Ext. 134	Ag. Extension Teaching	3	

B. Major in Ag. Botany

Core Courses:

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Course No.	Course Title	Credit Units
Ag. Botany 112	Plant Biochemistry	3
Ag. Botany 113	Principles of Plant Physiology	3
Ag. Botany 114	Inorganic Nutrition of Plant	3
Ag. Botany 115	Plant Growth & Development	3
Ag. Botany 116	Cytology and Cytogenetics	3
Ag. Botany 122	Plant Morphology and Anatomy	3
Ag. Botany 141	Plant Systematics	-3
Ag. Botany 198	Research Planning & Manuscript Preparation	3
Ag. Botany 199	Undergraduate Seminar	
Ag. Botany 200	Undergraduate Thesis	6
	Tot	al 31

Electives: (Select 12 units)

Course No.	Course Title	Credit Units
Ag. Botany 117	Experimental Design and Field Plot Techniques	3
Ag. Botany 124	Plant Microtechnique	3
Ag. Botany 142	Introductory Plant Ecology	3
Ag. Botany 143	Introductory Phycology	3
Ag. Boteny 145	Cryptogams	3
Ag. Botany 146	Economic Botany	3
Agronomy 121	Root Crops	3
Agronomy 141	Tropical Olericulture	3
Agronomy 144	Cereal Production	3
Ag. Ext. 134	Ag. Extension Teaching	3
Pl. Breeding 111	Principles of Plant Breeding	3

II. Revision of Course Title, Description and Prerequisite

A. From: Ag. Botany 141 - Plant Taxonomy
Principles, techniques and problems of
plant classification.
Prerequisite: Botany 11 - General Botany
5 hours a week (2 lec; 3 lab.)
Credit: 3 units

To read: Ag. Botany 141 - Plant Systematics

Taxonomic principles and techniques; identification,

classification and nomenclature of the higher plants.

Same prerequisite, no. of hours and credit.

Rationale:
Systematics is a more encompassing field because it includes taxonomy

B. Change in course title, description and prerequisite.

1. From: Ag. Botany 142 - Plant Moology

Climatic and biotic factors influencing plant
adaptation, evolution, distribution.

Prerequisite: Ag. Botany 112 - Plant Biochemistry
5 hours a week (2 lec; 3 lab.)

Credit: 3 units

To read: Ag. Botany 142 - Intoductory Plant Ecology

Biotic and abiotic factors influencing plant
adaptation, evolution and distribution.

Prerequisite: Ag. Botany 113 - Plant Physiology
Ag. Botany 141 - Plant Systematics
Same no. of hours and credit.

Rationale:

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AC# AC# AC# AC# AC# AC# The new title "Introductory Plant Ecology" is more appropriate since this is the first course offered in Plant Ecology. Another course will be taken later when the department shall offer its graduate program.

The change in course description is necessary to allow inclusion of soil factors which greatly affect the growth of plants as well. Hence, the use of the term "abiotic" which refers to both climatic and soil factors.

The change in prerequisite is necessary to make sure that students have more appropriate background before taking the course.

Ag. Botany 112 (Plant Biochemistry) includes the mechanism involved in photosynthesis, nitrogen metabolism and secondary product metabolism which are fairly advance. Ag. Botany 113 (Plant Physiology) and 141 (Plant Systematics) are sufficient prerequisites, since they provide enough background in assessing plant function, description and distribution as well as phylogeny which touches on principles of evolution and adaptation.

- C. Change in course description and prerequisite:
 - 1. From: Ag. Botany 114 Inorganic Nutrition of Plants
 Uptake, transport, metabolism, deficiency and
 toxicity of mineral elements as plant foods;
 growing of plants in soilless media
 Prerequisite: Chemistry 21 (General Biochemistry)
 5 hours a week (2 lec; 3 lab.)
 Credit: 3 units

To read: Ag. Botany 114 - Uptake transport, metabolism, deficiency and toxicity of mineral elements as plant foods.

Prerequisite: Botany 113 (Plant Physiology)
5 hours a week (21ec; 3 lab.)

Credit: 3 units

Rationale:

Biochemistry, a prerequisite of Plant Physiology, is not the only background needed for this course. Physiology is also needed to understand better the principles of mineral nutrition of plants.

2. From: Ag. Botany 113 - Principles of Plant Physiology
Plant functions and processes; uptake, translocation,
metabolism, growth reproduction and senescence.
Prerequisite: Botany 21 (Principles of Genetics)
5 hours a week (21ec; 3 lab.)
Credit: 3 units

To read: Lg. Botany 113 - Same title and description, no. of
hours and credit.

Prerequisite: Botany 11 (General Botany)
Ghemistry 21 (General Biochemistry)

Rationale:

A good background in general botany and biochemistry is needed to understand the discussion fully, since this course deals mainly with the different metabolic processes occurring in plants.

D. Change in Prorequisite:

1. Ag. Botany 122 - Plant Horphology and Anatomy
Structure and development of plant tissues and
organs; embryogeny, ontogeny and differentiation.
Prerequisite: Botany 21 - Principles of Genetics
5 hours a week (2 loc; 3 lab.)
Credit: 3 units

To read: Ag. Botany 122 - Same title, description, no. of hours and credit.

Prerequisite: Botany 11 - General Botany

Rationale:

The course in Plant Morphology and Anatomy can be understood by students with minimum or no background in Genetics (Ag. Botany 21) thus knowledge of General Botany (Ag. Botany 11) will be a sufficient background.

2. Ag. Botany 115 - Plant Growth and Development

Hature, processes and control of growth and
development in plants.

Prerequisite: Ag. Botany 112 (Plant Biochemistry)
5 hours a week (2 lee; 3 lab.)

Gredit: 3 units

To road: Ag. Botany 115 - Same title, description, no. of hours and credit.

Prerequisite: Ag. Botany 113 (Plant Physiology)

Rationale:

Plant biochemistry, a prerequisite course of plant growth and development, will not provide the students enough background. Understanding the nature and processes involved in plant growth and development also requires a good background of plant physiology.

III. Institution of New Courses

1. Ag. Botany 143 - Introductory Phycology
Classification, ecology, morphology; physiology
and economic importance of fresh water and marine algae
Prerequisite: Botany 11 - General Botany
5 hours a week (2 lee; 3 lab.)
Credit: 3 units

Rationale:

Algae culture is becoming an important industry of the country. This course would enable the students to appreciate the economic potentials of the various species of algae.

2. Ag. Botany 146 - Economic Botany
Crigin, classification and economic uses of plants with emphasis on underexploited species.
Prerequisite: Botany 11 - General Botany
5 hours a teck (2 lee; 3 lab.)
Credit: 3 units

Rationale:

Emphasis of most agricultural subjects is on the uses of plents primarily for food, and secondarily for clothing and shelter. Institution of a course on Meonomic Botany which shall deal with the other economic uses of plants aside from food, i.e. fibers, corks, dyes, rubbers, gums, resins, oils, waxes, sugars, starches, drugs, essential oils, funitories, and food adjuncts in relation to the plants origin and structure will broaden the Botany students' outlook.

Also, many plants are oftentimes neglected. This course will generate awareness on the economic potentials of these underemploited species and at the same time, find ways and means to utilize them for economic purposes.

3. Ag. Botany 145 - Cryptogens
Structure, development and systematics of bryophytes, psilopsids, lycopods, sphenopsids and selected groups of forms.

Prerequisite: Botany 11 - General Botany 5 hours a week (2 lee; 3 lab.)

Credit: 3 units

Rationale:

This course will enable the students to understand the phylogenetic relationships among lower vascular plants and gain a better insight into the evolutionary processes involved.

- 4. Plant Broeding 112 Breeding of Horticultural Crops
 Origin, genetics, techniques and systems of breeding specific horticultural crops.
 Prerequisite: Plant Breeding 111 Principles of Pl. Breeding
 5 hours a week (2 hours lec; 3 lab.)
 Credit: 3 units
- 5. Plant Breeding 113 Breeding of Field Crops
 Origin, genetics, techniques and systems of breeding specific field crops.

 Prerequisite: Pl. Breeding 111 Principles of Pl. Breeding
 5 hours a week (2 lec; 3 lab.)

Rationale:

The subject of plant breeding covers a wide topic. Plant Breeding 111 (Principles of Plant Breeding) provides the students with a fundamental knowledge of the subject. The techniques and breeding systems for some particular crop species including their previous genetic development will be dealt with in Plant Breeding 113 (Breeding of Horticultural Crops) and in Plant Breeding 114 (Breeding of Field Crops).

DEPARTMENT OF PLANT BRIEDING & AC. BOTANY VISAYAS STATE COLLEGE OF AGRICULTURE Baybay, Leyte

The staff members of the Department of Plant Breeding and Ag. Botany as of June 15, 1981 are the following:

- A. Regular Academic Staff
 - 1. JEJOHA G. ARMACHUELO
 Instructor
 B.S.A., Plant Breeding and Ag. Botany, ViSCA
 - 2. CELSA F. ARMECIN
 Instructor
 B.S.A., Cytogenetics, U.P. Los Baños
 - 3. FERNANDO A. BIRNARDO
 Professor
 B.S.A., Agronomy, U.P. Los Baños
 Ph.D, Genetics, North Carolina State University, U.S.A.
 (President, ViSCA)
 - 4. HATHANIEL B. BARILEA
 Instructor
 B.S., Betany-Zoology, Central Philippine University, Iloilo
 N.S., Morphology-Anatomy, U.P. Los Baños
 - 5. OTHELLO B. CAPUNO
 Instructor
 B.S.A., Agronomy, Visca
 M.S., Plant Breeding, U.P. Los Baños
 - 6. MARITA I. GALINATO
 Instructor
 B.S.A., Need Science, U.P. Los Baños
 M.S., Plant Ecology, U.P. Los Baños
 - 7. LELITA R. GONZAL

 Assistant Professor

 B.S.A., Ag. Botany, U.P. Los Baños

 H.S., Plant Physiology, U.P. Los Baños

 Ph.D., Plant Physiology- UPLB Univ. Michigan
 - 8. FLORENDA O. LABUS
 Instructor
 B.S., Botany, University of San Carlos, Cebu City
 M.S., Plant Genetics, University of Birmingham, Great Britain
 - 9. MARILYN Z. ORACION
 Instructor
 B.S., 2 Biology, Silliman University, Dumaguete City
 M.S., 2 Cytogenetics, U.P. Los Baños
 - 10. FLORENCIO A. SALADAGA
 Assistant Professor
 B.S.A, Ag. Botany, U.P. Los Baños
 M.S., Plant Physiology, U.P. Los Baños
 Ph.D., Horticulture (Plant Breeding), Louisiana State Univ., U.S.A.
 - 11. RODRIGO F. SEBIDOS
 Instructor
 B.S.A.y Agronomy, CPU
 M.S., Plant Breeding, U.P. Los Baños

12. VALERIO C. TANGUILIG
Instructor
B.S., Potany, U.P. Los Baños
H.S., Plant Physiology, U.P. Los Baños

B. Afiliate Staff:

- 1. FEDERICO G. VILLAMAYOR

 B.S.A., Ag. Botany, U.P. Los Baños

 H.S., Asyonomy (Crop Physiology), U.P. Los Baños

 Ph.D., Crop Science/Horticulture (Crop Physiology), University of

 Guelph, Canada

 (Assistant Director and OIC, PRCRTC)
 - 2. OSEA CATALINO DICMGZON JR.
 B.S.A., Crop Protection, ViSCA
 M.S., Cytogenetics, U.P. Los Baños
 (Plant Breeder, PRCRTC)

VISAYAS STATE COLLEGE OF AGRICULTURE Baybay, Leyte Office of the College Secretary

TENTATIVE LIST OF CANDIDATES FOR GRADUATION Summer, 1981

MACHELOR OF SCIENCE IN ACKICULTURE (BSA):

Name and	Address	Major	REQ Academic	UIREMENTS F YCAP	OR GRADUATI PD 1153	ON Clearance
l. GRAZA	, Cristina D. Balangiga, E. Sar "Thesis"		Completed	Completed	None	None
			CATION OF COP OC CITY AND	mediate communication and	ASSOCIATION OF THE PROPERTY.	
MORANTTE	, Albert P. Tanauan, Leyte	PltProt	Completed	Completed	Complied	Submitted
	FUNGAL II		D ITS EFFECT N DRIED COPR		SUN-DRIED	
). Nuñez	, Alfredo U. Baybay, Leyte	AgEcon	Completed	Completed	Complied	Submitted
			TIONS OF THE RATIVE, INC.		ONSUMERS	
MACHELOR OF SO	CIENCE IN AGRICULTUR	RAL DEVELOF	MENT EDUCATI	ON (BSADE):		
1. ARGOMIDO	, Myrna M. Merida, Leyte	AgEduc	Completed	Completed	Complied	Submitted
%. CINCO	, Perpetua A. Javier, Leyte	AgEduc	Completed	Completed	Complied	Submitted
MACHELOR OF SO	CIENCE IN AGRI-BUSIN	ess (bsab)	e e			
1. CERNAL	, Marilou L. Mayorga, Leyte	BusMgnt	Completed	Completed	Complied	Submitted
BACHELOR OF ANIMAL SCIENCE (BAS):						
1. ABOGADIE	, Wilfredo C. ViSCA, Baybay, Le		Completed	Completed	Complied	Submitted
		TIC VALUE	OF VITAMIN-C	AGAINST IN	FECTIOUS CO	RYZA
2. ANTISODA	Daisy M. Dapitan City	AnHlth	Completed	Completed	Complied	None
3. CABALLERO	, Elena S. Leyte, Leyte	AnHlth	Completed	Completed	Complied	None
4. MILLEZA	, Nestor J. Baybay, Leyte	AnHlth	Completed	Completed	Complied	Meheitted
VILLACORTE	Inopacan, Leyte	AnHusb	Ansei 200	Completed	Complied	None

	Name and A	ddress	REQ Academic	TREMENTS FOR	R GRADUATION PD 1153	Y Clearance
	DACHELOR OF SCI	ENCE IN FORESTRY (BSI		ent accept to decide	Druke resemble and all of the	the commence of the control of the c
	l. LOPPTO	Mario A. Baybay, Leyte	Completed	Completed	Complied	Submitted
Nanc.,	FOREST RANGER C	OURSE (FRC):		_		
I. GRAZA	1. LORTTO	Mario A. Baybay, Leyte	Completed	Completed	Complied	Submitted
			Summary:			
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andon			BSF FRC	T A L	• 1 • 1	
			Andres	TAMAN F. OUATIN		
ARCOLLS			Collego	Secretary		
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APPROVED PROPOSAL TO AMEND THE VISCA CODE ON GRADUATION WITH HONORS

Present provision:

Section 361. Student who complete their courses with the following averages, computed on the basis of credits, shall be graduated with honors to be inscribed on their diploma:

> Cum Laude 1.75 to 1.50 Magna Cum Laude . . . 1.49 to 1.25 Summa Cum Laude . . . 1.24 to 1.00

To read:

Section 361. Students who complete their courses with the following averages, computed on the basis of credits, shall be graduated with honors to be inscribed on their diploma:

> Cum Laude · · · · · 1.75 to 1.46* Magna Cum Laude . . . 1.45 to 1.21* Summa Cum Laude . . . 1.20 to 1.00*

2. University of Eastern Philippines (PASUC)

^{*1.} University of the Philippines (PASUC)

^{3.} Technological University of the Philippines (PASUC) 4. University of the East (Private)