

NOVA SCOTIA  
Agricultural College

TRURO, Nova Scotia



CALENDAR  
1942-1943

FIVE MONTHS' FARM COURSE  
TWO YEAR DEGREE COURSE

NOVA SCOTIA  
DEPARTMENT OF AGRICULTURE AND MARKETING  
HON. JOHN A. McDONALD, MINISTER



INTRODUCTION

CALENDAR 1942 - 43  
Nova Scotia Agricultural College  
*Truro, Nova Scotia*

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UNDER THE  
DEPARTMENT OF AGRICULTURE  
OF THE  
GOVERNMENT OF NOVA SCOTIA

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Honourable John A. McDonald  
Minister of Agriculture  
and Marketing.

C. Eric Boulden, Principal  
Kenneth Cox, Vice-Principal  
H. J. Fraser, Registrar.

# INTRODUCTION

The Nova Scotia Agricultural College offers two regular courses, one a five-months' farm course, designed to give students a condensed vocational course, combining demonstration, practice and study, in preparation for life on the farm, and for citizenship. The other course covers the first two years of the four-year degree course, fitting a student for the farm or for a position in technical agriculture. The instructors trained in their own subjects are constantly in touch with farm problems and agricultural organization, due to the provincial positions which they hold with the Department of Agriculture.

The College buildings are situated at Bible Hill about a mile from the Town of Truro. The buildings include the Main Administrative Building; the Science Building; the Horticultural Building, with greenhouses; the Dairy Building; Shops for Woodworking and Blacksmithing; the Poultry Plant and the Live Stock Pavilion.

The College farm consists of 294 acres complete with buildings and equipment.

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## GENERAL INFORMATION

**Post Office Address:** Mail is brought to the College twice daily from the Town of Truro and distributed to students. All mail should be addressed: Nova Scotia Agricultural College, Truro, N. S.

**Railways:** Truro is on the main line of the C.N.R. from Moncton to Halifax and from Sydney to Halifax, and is also the terminus of the C.P.R. from Yarmouth and the Annapolis Valley.

**Highways:** Provincial Highways Nos. 2 and 4 lead to Truro from North, South, East and West. No. 1 Highway joins No. 2 at Bedford near Halifax.

**Banks:** Branches of the Canadian Bank of Commerce, Bank of Nova Scotia and Royal Bank of Canada are located in Truro.

### Churches:

Baptist (First) Immanuel and Zion).

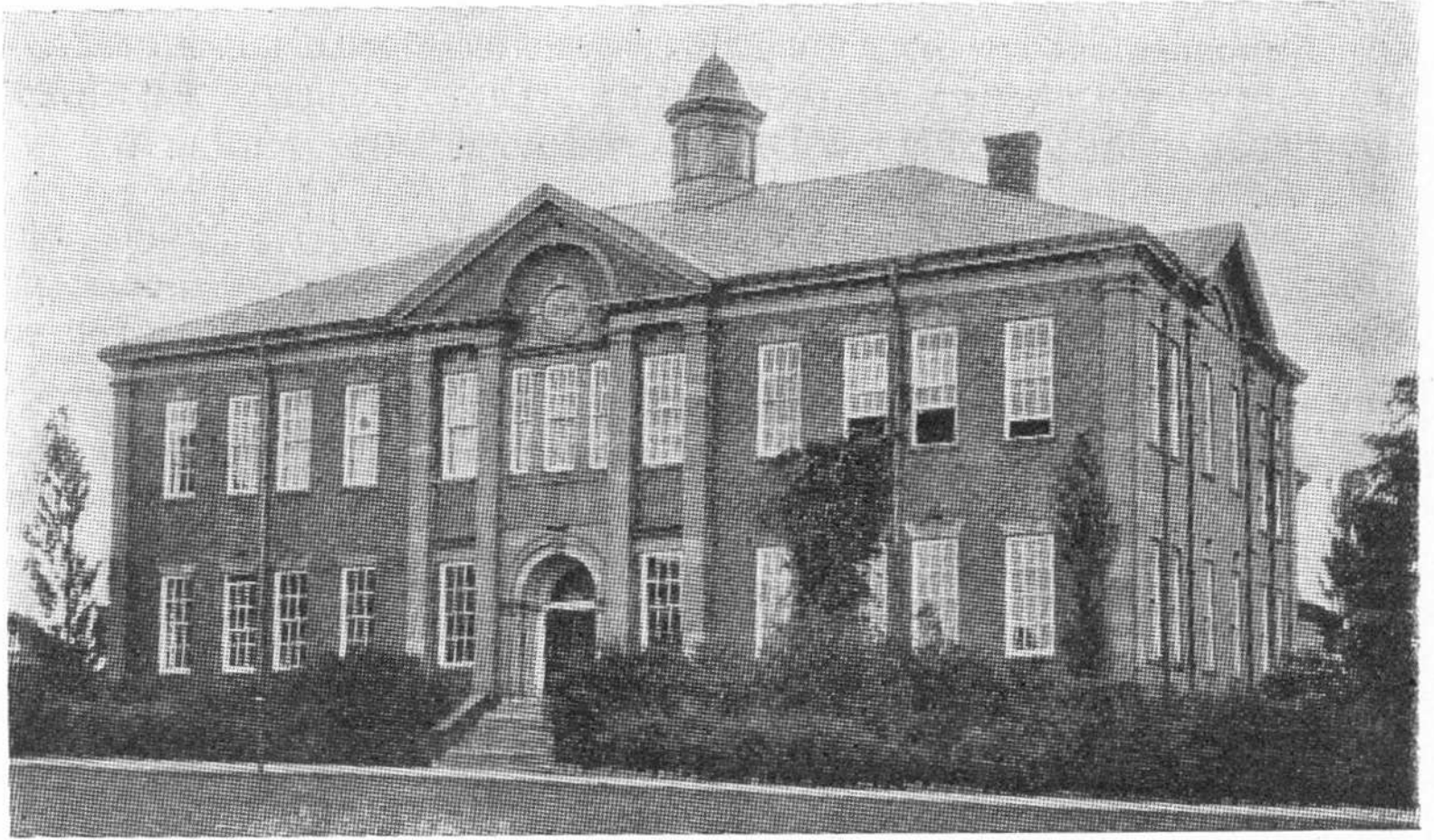
Church of England (St. Johns).

Presbyterian (St. James).

Roman Catholic (Church of Immaculate Conception)

United Church of Canada (First, St. Andrews, and Brunswick Street).

College Colors: Royal Blue and Regular Gold.



ADMINISTRATION BUILDING

TEACHING STAFF  
AND DIVISION HEADS AT THE  
NOVA SCOTIA AGRICULTURAL COLLEGE

- AGRICULTURAL ENGINEERING—E. Angus Banting, B.S.A.  
AGRONOMY—Kenneth Cox, M.S.A.  
ANIMAL HUSBANDRY—C. Eric Boulden, B.S.A.  
APICULTURE—H. G. Payne.  
BOTANY, BACTERIOLOGY—A. E. Roland, M.A.  
BUSINESS MANAGER—R. A. Langille.  
CHEMISTRY—George R. Smith, Ph.D.  
CHEMISTRY—Graham F. Cameron, M.Sc.  
DAIRYING—W. J. Bird, B.S.A.  
ECONOMICS—W. V. Longley, Ph.D.  
ENGLISH—H. J. Fraser, B.A.  
ENTOMOLOGY—M. E. Neary, B.Sc. in Agr.  
FARM MANAGEMENT, ACCOUNTING—A. B. Banks.  
HOME ECONOMICS—Helen J. Macdougall.  
HORTICULTURE—C. M. Collins, M.S.A.  
MATHEMATICS, PHYSICS—J. W. Byers, B.Sc.  
POULTRY—J. P. Landry.  
VETERINARY SCIENCE—E. E. I. Hancock, V.S., B.V. Sc.

## GENERAL RULES AND REGULATIONS

**Personal Conduct:** ANY STUDENT WHOSE CONDUCT, ATTENDANCE OR PROGRESS IS UNSATISFACTORY TO THE FACULTY MAY BE REQUIRED TO WITHDRAW FROM THE COLLEGE.

Every student is expected to show respect for order, morality and the rights of others. Students found guilty of immoral, dishonest or other improper conduct, or violation of rules, shall be liable to college discipline.

Students may be admonished by a professor or instructor for improper conduct and may be reported to the Principal. If considered advisable, such conduct shall be reported to parents or guardians.

Students shall not resort to any place where intoxicating liquors are sold; and any student who indulges in the use of such liquors may be required to withdraw from the College.

Students are not permitted to bring firearms into the buildings, nor is the use of firearms allowed on the College grounds.

**Attendance:** Students who absent themselves from class without previous arrangements with the Principal may not be permitted to sit for the examinations in any subject missed during such absence. Students are expected to attend all classes. In cases of illness the Principal should be notified at once.

Students are requested not to make application for additional leave either before or after holiday periods, as such leaves can only be granted in case of illness or other exceptional circumstances.

**Property Damage:** Should any student or students destroy or deface College property, the cost of repairing any such damage will be paid out of the caution deposits and if the individual deposit is insufficient, the balance shall be borne equally by all students.

**Medical Examination:** As soon as possible after enrolment, all students must submit to a medical examination under the direction of the Nova Scotia Department of Health.

**Student Executives:** Only students taking regular courses shall be allowed to act as executive members of the Students Council or as members of any student committees.

A committee of faculty members, appointed by the faculty, shall co-operate with student committees on financial, literary, social and athletic affairs, in order that every possible benefit may be derived from such activities.

## **SOCIAL AND LITERARY**

The churches of the town entertain the student body on many occasions during the college year and pleasant associations are formed under the best of auspices.

The Students Council each year appoints a social committee which co-operates with the faculty of the College in carrying on certain social activities. Occasionally informal dances from 8 p.m. to 11 p.m. are held, with the Normal and Business College students attending. These are under the supervision of the student committee and one or more members of the staff.

## **COLLEGE MAGAZINE**

The students publish a monthly paper in which all have an opportunity to express their ideas and get experience in writing articles and editorials. The student body is divided into groups, each of which is responsible for an issue of the paper, now known as AGRICOLA. This work is done under the supervision of the English Department.

## **DEBATING AND PUBLIC SPEAKING**

A Students' Debating Society meets one evening each week and all students are required to take part. Kindly criticism is provided by members of the faculty and extremely valuable training in public speaking is thus obtained. When possible debates are also arranged with neighboring institutions.

## **LIBRARY AND READING ROOM**

Students are invited to make full use of the books and bulletins in the College library and the reading room material. A number of farm and trade journals, literary, scientific and general periodicals are placed in the reading room, besides the daily papers and an assortment of weeklies.

## **PHYSICAL TRAINING AND ATHLETICS**

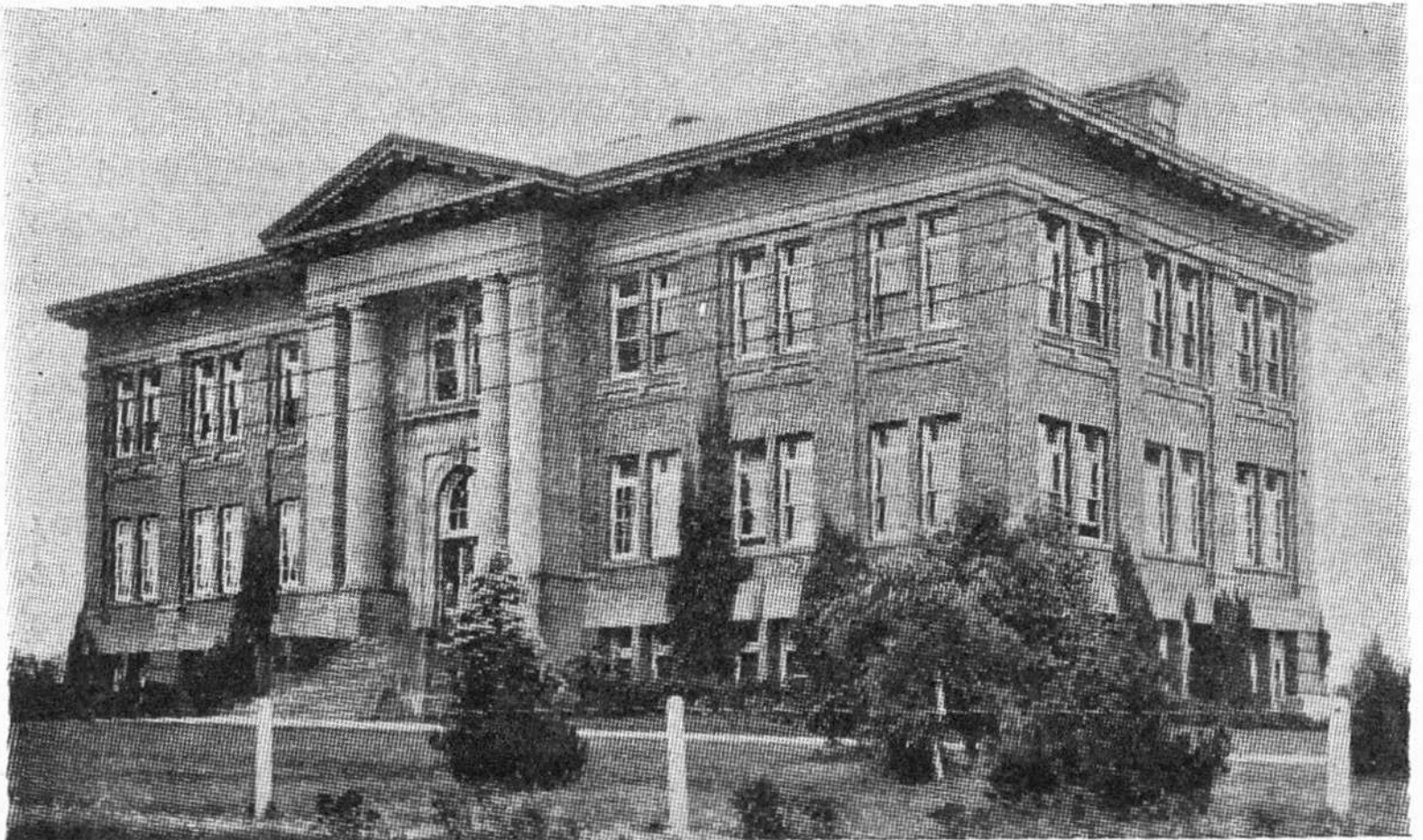
Supervised athletics are carried on in various sports including basketball, hockey, volley ball, etc., and opportunity given for boxing, wrestling, etc.

It is hoped that every student will participate in some form of athletic activity, under the following regulations:

**Class Standing:** No student with an average for the past term of less than 50 per cent, or less than 40 per cent in one or more subjects, will be permitted to play on more than one team representing the College.

**Outside Sports:** Students wishing to take part in sports, other than college activities, as players, officials, referees, etc., must apply in writing and obtain permission from the Principal. Any expenses incurred through injury while playing in outside games should not be paid from the students' medical fund.

**Faculty Representative:** All teams or groups that may go to any other community or institution to participate in athletic or other activities, shall be accompanied by a member of the faculty.



SCIENCE BUILDING



# CALENDAR FOR THE FARM COURSE 1942-43 Session

Registration of students, Tuesday, November 3, 1942.

Classes begin 8:45 a.m., Wednesday, November 4, 1942.

Christmas vacation begins 4:30 p.m., December 22, 1942.

Classes resume 8:45 a.m., Tuesday, January 5, 1943.

Closing Exercises, Thursday, March 25, 1943.

## FARM COURSE

A one-year General Course is given in practical agriculture for students who are interested in actual farming. This course will be definitely a preparation for life on the farm and for intelligent citizenship in the farm community. Enough science will be taught to give students a reasonable understanding of the natural processes which they see about them and to provide a sound basis for practical work. In all branches of this course emphasis will be laid on demonstration and practice.

Special projects will be arranged in the stables and elsewhere about the College farm, in addition to the regular class hours. All students should provide themselves with suitable clothing, overalls, footwear, etc.

## GENERAL REQUIREMENTS FOR ADMISSION TO FARM COURSE

Boys with suitable farm experience, sixteen years of age or over, of good health and good moral character, satisfactory school standing (preferably grade ten) are invited to apply.

## EXPENSES

Tuition is free. The initial fees are:

Library .....	\$ 1.00
Students' Council .....	3.00
Caution deposit .....	1.00
Medical services .....	3.00
Total .....	\$ 8.00

Board is obtainable in Truro at from \$6.00 to \$8.00 per week. Laundry and various other small expenses must be included in making up a budget.

## RULES AND REGULATIONS

Students will be subject to the general rules and regulations of the College as set forth in the calendar.

## CERTIFICATE

On the satisfactory completion of the course, including certain tests, certificates will be granted.

### DESCRIPTION OF COURSE

**Farm Management:** A study will be made of farm types, farm planning, including the problem of combining land, labor and equipment in the farm enterprise, farm records, farm business.

**Live Stock:** Under this heading all branches of live stock, including horses, cattle, sheep, swine, poultry, etc., will be studied with demonstrations and practice in the care, feeding, breeding and marketing, as well as a study of the common diseases, their prevention and treatment. Some time will be devoted to fur bearing animals, bees, etc. Students will compete in fitting and showing live stock in the College Winter Fair.

**Field Crops:** Under this heading crops of all kinds will be studied from the standpoint of kinds, varieties and usefulness, the methods of field management, together with a study of soils, seeds and fertilizers, the treatment for disease and insect pests.

**Fruits and Vegetables:** A study will be made of the common kinds and varieties of fruits and vegetables suitable for commercial and farm garden purposes. There will be study and practice in the methods of propagation, production, grading and marketing, including a study of the structure of the plant and protection from disease and insect pests; also the care and management of the farm woodlot.

**Farm Mechanics:** Under this heading will be included such subjects as the planning and repairing of farm buildings, a study of farm machinery and equipment, its operation and upkeep, farm power, drainage, etc.

In addition to the above subjects will be included practice in public speaking, methods of conducting meetings, composition and correspondence, a study in the use of farm periodicals, bulletins, etc.

# CALENDAR FOR DEGREE COURSE 1942-43 Session

(Supplemental Examinations, Wednesday, October 14, 1942)

## First Term

Registration of students, Wednesday, October 14, 1942.

Classes begin 8:45 a.m., October 15, 1942.

Christmas vacation begins 4:30 p.m., Tuesday, December 22, 1942.

Classes resume 8:45 a.m., Tuesday, January 5, 1943.

Instruction closes 4:30 p.m., Thursday, January 21, 1943.

First Term examinations, Saturday, January 23 to Saturday, January 30, 1943.

## Second Term

Classes begin 8:45 a.m., Monday, February 1, 1943.

Instruction closes 4:30 p.m., Thursday, April 15, 1943.

Final examinations begin Saturday, April 17, 1943.

Closing Exercises, Wednesday, April 28, 1943.

## GENERAL REQUIREMENTS FOR ADMISSION TO DEGREE COURSE

Candidates for admission to any course, must: (1) Have passed their 16th birthday; (2) produce satisfactory evidence as to moral character; (3) have good health; (4) at least one season's farm experience; (5) Nova Scotia Grade XI certificate or its equivalent.

## EXPENSES

Tuition—Residents of Canada .....Free  
Students from outside Canada.....\$50.00

Fees: Library \$1.00; Students Council \$3.00; Medical \$3.00; Caution Deposit \$1.00; Laboratory \$1.00 (Senior Degree \$2.00).

Board—Obtainable at private houses at \$6.00 to \$8.00 per week.

Books—Two-year course \$20 to \$30 per year.

Incidentals—Laundry and various other small expenses must also be included in making up a budget for the year.

## RAILROAD FARES REFUNDED

New Brunswick — Students from the province of New Brunswick, taking any two-year course will have one return railroad fare refunded to them each year by the New Brunswick Department of Agriculture, such refund to be made at the close of the second term.

## SYLLABUS OF COURSES

The first and second years of the four-year B.S.A. course is designed to give an adequate grounding in the sciences, with as much of the practical and vocational training as time permits. The course of studies is determined largely by the admission requirements of Macdonald College and of the Ontario Agricultural College where N.S.A.C. students, who qualify for admission, pursue third and fourth years' studies.

### DESCRIPTION OF COURSES

The following courses are arranged for the college year 1942-43. The faculty reserves the right to make any revisions and additions that may be found necessary.

#### AGRICULTURAL ENGINEERING

1. (a) **Elementary Building Construction:** Planning of farmstead homes; other farm buildings; remodelling buildings.  
1st yr. 2nd term—2 lecs. per week.

(b) **Elementary Plan Drawing:** Use of drawing instruments; practice in drawing building plans.  
1st yr. 2nd term—1 lab. per week.

(c) **Farm Shop Work:** Rope splicing; belt lacing; harness repairing; cold metal work; forge work.  
2nd yr. 2nd term—1 lab. per week.

(d) **Farm Machinery, Tools and Appliances:** The construction, adjustment and lubrication of implements, tools, etc.  
2nd yr. 1st term—1 lec. per week.

#### AGRONOMY

2. **Field Crops.** History; importance; adaptation; rotations; study of crops grown in Maritime Provinces and seed identification.  
1st yr. 1st term—2 lecs. and 1 lab. per week.

3. **Seeds.** Study of suitable varieties and what constitutes good seed of these varieties; sources of supply; preparation; grading; use of seed cleaning machinery. Grading regulations and services. Canada Seeds Act. Canada Grain Act. Judging.  
2nd yr. 2nd term—1 lec. and 1 lab. per week.

## ANIMAL HUSBANDRY

4. **Live Stock—Breeds and Management.** A study of the origin, type and breed characteristics, breeding policies and practices and the care and handling of all classes of live stock.

(a) Dairy Cattle and Beef Cattle.

1st yr. 1st term—2 lecs. per week.

2nd term—1 lec. per week.

(b) Horses, Sheep and Swine.

2nd yr. 1st term—2 lecs. per week.

2nd term—1 lec. per week.

5. **Selection and Judging.** Placing with reasons (both written and oral). Judging live stock includes trips to herds of prominent live stock breeders.

(a) Breeding and market classes of cattle.

1st yr. 1st term—1 lab. per week.

(b) Breeding and market classes of sheep, swine and horses.

2nd yr. 1st term—1 lab. per week.

6. **Feeds and Feeding.** A study of roughages, succulents, concentrates, minerals, vitamins, etc. and the compounding of rations, value and suitability of different feeds and mixtures for the various classes of live stock.

1st yr. 2nd term—2 lecs. and 1 lab. per week.

## APICULTURE

7. A course in modern beekeeping methods is given, consisting of a study of the life cycle and habits of the bee, methods of securing and handling bees, location of the apiary, swarming and swarm control, requeening, the installation of package bees, increase other than by swarming, honey production and preparation for market, wintering bees and practical features of preparing equipment such as assembling hives, wiring frames, etc.

2nd yr. 2nd term—2 lecs. per week.

## BIOLOGY

8. **Introductory Botany.** A general course covering the fundamentals of plant structure, growth, reproduction and classification, using representative groups of the plant kingdom for laboratory study. 1st yr. both terms—2 lecs. and 2 labs. per week.

9. **Economic and Systematic Botany.** A study of the chief families of flowering plants, along with identification and control of weeds, etc. Each student must bring to the class a collection of 40 weeds and 40 weed seeds. These should be collected during the holiday period be-

tween the first and second year, and must be pressed and mounted according to instructions which will be given in class. This work must be completed before credit will be given for the course.

2nd yr. both terms—1 lec. and 2 labs. per week.

10. **Bacteriology.** An introductory course which aims to acquaint the student with the morphology, physiology and methods of reproduction of molds, yeasts and bacteria; the relationship of each to agriculture as well as to disease.

2nd yr. 2nd term—2 lecs. and 1 lab. per week.

11. **Zoology.** An introductory course in general zoology, covering the anatomy, histology, physiology and reproduction of animals. Representatives of the more important phyla of the animal kingdom are studied in the laboratory.

1st yr. both terms—2 lecs. and 2 labs. per week.

12. **Economic and Systematic Entomology.** This is an introductory course in the identification of insects as well as their importance and control. Each student must bring to the class at the beginning of the second year a collection of 150 adult insects. These must be mounted and classified according to instructions which will be given in class, and this work must be completed before credit will be given for the course. The properly classified collection is to be presented to the Department at the end of the year for use in class room work.

2nd yr. 1st term—1 lec. and 2 labs. per week.

2nd term—2 lecs. and 2 labs. per week.

13. **Genetics.** An introduction to the study of heredity and variation.

2nd yr. 2nd term—3 lecs. per week.

## CHEMISTRY

14. **Elementary Chemistry.** A lecture and laboratory course which involves a study of chemical changes, acids, bases, salts, organic compounds, foods and fuel. Illustrations when possible taken from farm experiences.

1st yr. both terms—2 lecs. and 2 labs. per week.

15. **Geology.** A study of minerals and rocks, in view of their economic value in agriculture.

1st yr. 1st term—1 lec. per week.

16. **Soil Chemistry and Soil Physics.** A study of soil texture, acidity, organic matter and other factors which affect soil fertility and plant growth.

1st yr. 2nd term—1 lec. per week.

17. **Analytical Chemistry.** Principles and practices involved in the study of qualitative and quantitative analysis. Analysis of soil, fertilizers, insecticides and other materials.

2nd yr. 1st term—1 lec. and 2 labs. per week.

2nd term—I lab. per week.

18. **Organic and Biochemistry.** Preparation and study of the classes of organic substances. Formation of and changes in organic matter in plant and animal life.

2nd yr. 1st term—1 lab. per week.

2nd term—1 lec. and 2 labs. per week.

## DAIRYING

19. **Farm Dairying.** A general course of lectures and practical work. The lectures deal with composition of milk; factors influencing composition of milk; care of milk and cream on the farm; cow testing; elementary calculations pertaining to milk and its products; Dairy regulations. Laboratory work consists of testing milk, skimmed milk and cream by the Babcock method, operating separators; elementary tests for quality of milk.

2nd yr. 2nd term—Time to be arranged.

## ECONOMICS

20. **The Development of Canadian Agriculture.** An orientation course in agriculture. A study of the development of Canadian agriculture, more particularly as applied to the Maritime Provinces. The present status of agriculture, how organized, its relation to other industries.

1st yr. 2nd term—1 lec. per week.

21. **Principles of Economics.** A study of the elementary principles of Economics in the effort to present a picture of the main factors influencing our economic organization.

2nd yr. 1st term—3 lecs. per week.

## ENGLISH

22. **History of English Literature.** A rapid survey course, with particular attention given to contemporary history.

1st yr. both terms—1 lec. per week.

2nd yr. 1st term—1 lec. per week.

23. **Class Reading** and interpretation of typical English drama and prose.

- (a) Elizabethan drama.

Shakespeare: Hamlet, King Lear, MacBeth

English Essays: Earlier and modern.

Outside Reading: Kingsley's Westward Ho.

Reade's The Cloister and the Hearth.

1st yr. both terms—1 lec. per week.

- (b) Romantic and Nineteenth Century prose and poetry.

English short stories.

Outside reading: Assigned typical fiction.

2nd yr. both terms—1 lec. per week.

#### 24. **Composition**

- (a) Word, sentence and paragraph study.

Weekly themes required.

1st yr. both terms—1 lec. per week.

- (b) Types of prose writing with illustrative themes.

Seminars on term and research papers.

Brief courses in the history of the drama, in Canadian literature and in news writing and journalism will also be given.

2nd yr. both terms—1 lec. per week.

25. **Public Speaking.** The work in this course is done in the Students' Debating Society. At least fifteen evenings per year are required of both first and second years.

### **HORTICULTURE**

26. **Small Fruits Culture.** Discussion of the various factors entering into the establishment of small fruit plantings and the cultivation, pruning, harvesting and marketing of the various small fruits of importance in Eastern Canada.

1st yr. 1st term—2 lecs. per week.

27. **Practical Orchardng.** This course attempts to cover, from a project standpoint, the different operations from the establishment of an orchard, through pruning, fertilizing, cultivation, spraying, thinning, harvesting, grading and marketing, etc.

1st yr. 2nd term—2 lecs. per week.

28. **Principles of Vegetable Growing.** Discussion of the basic principles underlying the growing of vegetable crops. This attempts to outline the different types of production, and to discuss adaptation of soils, cultivation, fertilizers, seeds, storage and growing of vegetable plants.

2nd yr. 1st term—1 lec. per week.



29. **Vegetable Crops.** The lecture periods in this course take up the culture of specific vegetable crops, covering the field of those vegetables grown for commercial or garden use in Eastern Canada. The laboratory periods take up in more detail the discussion and examination of types and varieties, judging work with the more common vegetables in order to fix these types in the student's mind. In addition the student will be given opportunity to become familiar with seeds of different varieties of vegetables.

2nd yr. 1st term—2 lecs. and I lab. per week.

30. **Forestry.** Instruction in care and management of the farm woodlot and methods of reforestation.

2nd yr. 2nd term—1 lec. (five weeks).

### MATHEMATICS

31. **1st year Mathematics.** Variation. Logarithms. Trigonometric ratios. Problems in heights and distances. Surveying problems. Solution of triangles. Radian measure. Compound interest. Graphs. Plotting of simple curves.

1st yr. both terms—3 lecs. per week.

32. **2nd year Mathematics.** Binomial Theorem. Approximations. Exponential series. Natural Logarithms. Formulation of Calculus; Differentiation. Slopes; Rates; Maxima and Minima. Simple Integration. Integration between limits. Areas.

2nd yr. both terms—3 lecs. per week.

### PHYSICS

33. **1st year Physics.** An elementary course dealing with basic laws in Mechanics, Heat, Electricity, etc. and with familiar applications of these laws. Experimental work and the use of mathematics is emphasized. The course is designed to aid a student to learn to select useful information, to make measurements carefully, to record data clearly, and to discuss results intelligently.

1st yr. both terms—3 lecs. and 1 lab. per week.

34. **2nd year Physics.** A continuation course which covers the same ground as Physics 33 but with more intensive treatment. Certain topics will be studied in greater detail, additional references given, and more difficult experiments carried out. The aim of the course is to give all students a thorough understanding of the essential principles, and also to give additional training to students who are especially interested in scientific work.

2nd yr. both terms—3 lecs. and 1 lab. per week.

### POULTRY

35. **History and scope of poultry production work in Canada and**

the Maritime Provinces in particular; a brief introduction to the origin of the breeds of poultry and their adaptability to our climate; anatomy and physiology; judging.

**Principles of poultry house construction.** Laying house; brooder house; materials required; interior equipment; yards.

**Principles and Practice of Poultry Feeding.** Digestibility and composition of feeds; minerals; vitamins; rations; system in feeding; feeding chicks, growing stock, layers.

**Formation of the egg and the chicken.** Natural and artificial incubation; brooding; composition of fowl's body and egg in relation to feed consumed.

1st yr. 1st term—2 lecs. per week.

### **VETERINARY SCIENCE**

A study of body structures and their functions; disease prevention and animal nursing.

1st yr. half term—1 lec. per week.

### **THE COLLEGE DIPLOMA AND STANDARDS**

Students who complete the course in a manner satisfactory to the faculty—using 40 in each subject and an average of 50 as a standard—will be awarded a diploma. The N.S.A.C. diploma confers upon students the status of "Associate of the Nova Scotia Agricultural College with all the rights and privileges pertaining thereto."

Students who qualify for the associate diploma are eligible for admission to the third year at Macdonald College or the Ontario Agricultural College, providing the matriculation requirements have been fulfilled.

Final examinations will be given in all courses at the end of each term. Continuous courses will be divided into two sections, one for each term, and students will be required to pass in each section, with the following exceptions:

1. A first-year student who failed to make a pass on the first term's work in any continuous course may be allowed to have his first and second term marks averaged for the year.

2. Second year students who fail to make a pass on the first term's work of any course may be allowed to write a supplemental examination not later than thirty days after the publishing of the first term marks.

Students who are conditioned in courses with an aggregate value of 12 credits or less in one year may write supplemental examinations.

Students who are conditioned in courses with an aggregate value of more than 12 credits in one year, will not be permitted to go on to the next year's work, or will not be awarded a diploma.

**Note:** One lecture period per week for one term is rated as one credit. One laboratory period per week for one term is rated as one credit.

A student who is allowed to repeat a year may, by special permission of the faculty, be exempted from attending lectures and passing examinations in one or more subjects in which he has already passed creditably, and in the case of a student repeating the first year's work, he may be required to take one or more subjects of the second year, in order to lighten the second year's work.

Class standing at the end of each term will be reported by divisions as follows:

75% or over	A Division	50% to 59%	C Division
60% to 74%	B Division	40% to 49%	Pass

### THE COLLEGE WINTER FAIR

During each college year the students put on a College Winter Fair. The program and show are organized and handled by the students, who hold the various offices necessary for the satisfactory operation of an exhibition. It is a competition in fitting and showmanship rather than a contest among the animals exhibited. Horses, cattle, sheep, swine and poultry are used in the competition. Students are required to fit and exhibit individuals representing each of the different classes of livestock.

The Grand Challenge Shield, donated by the Honourable John A. McDonald, Minister of Agriculture, in 1935-36, is awarded to the student who wins the highest total score for all classes.

There are silver trophies awarded for the champion fitter and exhibitor in the different classes. These are as follows:

Dairy Cattle	—*The Dr. John M. Trueman trophy.
Beef Cattle	—**The F. L. Fuller trophy.
Horses	—The Dr. M. Cumming trophy.
Sheep	—The H. K. MacCharles trophy.
Swine	—The F. W. Walsh trophy.
Foultry	—The J. P. Landry trophy.
Seeds	—The Kenneth Cox trophy awarded for the best preparation of seed for exhibition.

\*Donated in memory of a former Principal, the late Dr. J. M. Trueman, by Mrs. Trueman and their two sons, Howard and Albert.

\*\*Donated by Mrs. Fuller and family in memory of the late Fred L. Fuller, first superintendent of the College Farm and for many years Superintendent of Exhibitions and Agricultural Societies, and secretary of the Maritime Stock Breeders' Association and the Maritime Winter Fair.

# CRESTS AND AWARDS

## ACADEMIC — LITERARY — ATHLETIC

All regular students shall be eligible for Crests and Awards regardless of other honors won. Special or short course students shall not be eligible.

The **Academic Award** shall be available only at the end of the second year; the work of both years shall be taken into account. No degree course student having less than ten A's and no general course student having less than twelve A's in each of the two years shall be eligible. (Rule subject to change in the curriculum).

The **Literary Award** shall be given for excellence in public speaking, social activities, dramatics and college journalism and shall be available to both first and second year students in regular courses.

The **Athletic Award** shall be given for (a) Basketball—students who have actually played in four basketball games annually, representing the College in recognized league or inter-collegiate games, shall be eligible. (b) Hockey—students who have actually played in four hockey games annually, representing the College in recognized league or intercollegiate games, shall be eligible.

All-round qualities of scholarship, deportment, leadership and good sportsmanship in college activities generally, shall constitute one-half of the total points in reckoning eligibility for all awards.

Recommendations for all awards shall be made by special committees of the staff and students and approved by the faculty in regular session.

The number of awards made in any one year shall rest with the committees.

### MACDONALD COLLEGE SCHOLARSHIP

The Macdonald College scholarship was first offered for annual competition in 1930. This scholarship, consisting of free tuition for two years at Macdonald College and representing a value of \$100, is awarded to the student who attains the highest standing in the work of the second year of the degree course and who continues his studies at that College.

### THE NORRIE SCHOLARSHIP

In honor of his Mother, Annie McDougall Norrie, and in memory of his late Father, Henry J. Norrie, Mr. J. P. Norrie, M.E., Vice-President, Inspiration Mining and Development Company, Limited, Amos, P.Q., and proprietor of Fundy Jersey Farm, Truro, has donated an annual scholarship of \$50 to be awarded to Colchester County farm boys who enrol in the Farm Course.

## SPECIAL PRIZES

### GOVERNOR-GENERAL'S MEDAL

A silver Medal was first offered for annual competition by His Excellency the Governor General of Canada in 1914. It is awarded each year by the members of the faculty to the student of the graduating class who has attained the highest standing during the two years of his college course. In determining "highest standing", scholarship and leadership in student activities, in the order named, are the deciding factors in making this award.

### NEW BRUNSWICK DEPARTMENT OF AGRICULTURE PRIZES

The New Brunswick Department of Agriculture offers \$50 for prizes for students from that province who do the best work during the first year in any two-year course, and continue the course for the second year. These prizes will be awarded on Closing Day at the end of the second year. The \$50 will be divided into three prizes of \$25, \$15 and \$10.

### PRINCE EDWARD ISLAND DEPT. OF AGRICULTURE PRIZES

The Prince Edward Island Department of Agriculture offers \$50 for prizes for students from that province who do the best work during the first year in any two-year course, and continue the course for the second year. These prizes will be awarded on Closing Day at the end of the second year. The \$50 will be divided into three prizes of \$25, \$15 and \$10 each.

### THE MARITIME BEEKEEPERS' ASSOCIATION PRIZES

The Maritime Beekeepers' Association offers a prize of \$10 to the student of the Senior Degree class who turns in the best paper on "Apiculture" at the final examination; for the second best paper, a volume of "ABC & XYZ of Bee Culture" is given.

### THE SEED JUDGING TROPHY

A group of Prince Edward Island farmers who attended the short course at the N.S.A.C. in 1911, donated a handsome silver trophy "for competition in seed judging by regular students." Names of the winners have been engraved thereon each succeeding year.

### THE L. C. HARLOW BASKETBALL TROPHY

In 1931 Professor L. C. Harlow donated a silver trophy for Inter-class basketball. It is competed for annually.

## HOME STUDY COURSES

In order to help those who are unable to attend the College but who want practical information on farm work, a number of courses will be given by correspondence. These will be given during the winter months. The instruction will be as simple and as complete as possible. Those taking the courses may be required to secure text books and will send in reports and answers to questions regularly to the instructors at the Agricultural College.

The cost of registration will be \$1.00 for each course and the price of the text books. These will be secured by the College at as low a price as possible.

Courses will be given in the following subjects and will consist of approximately twelve lessons each:

1. Soils, Fertilizers and Lime.
2. Field Crops.
3. Animal Husbandry — Cattle Feeding.
4. Poultry.
5. Cooperative Marketing.
6. Apiculture.

## SHORT COURSES

If considered desirable, special short courses may be arranged in such subjects as:

- Grading of Eggs and Dressed Poultry.
- Beekeeping
- Farm Mechanics.
- Home Crafts.

Such courses will be advertised as arranged.



