1966

Committee on Curricular Affairs, 30th report, Part II 1, 1 & 2, dealing with curriculum and courses for a two-year associate degree program in commercial fisheries, and subject to the approval by the Board of Trustees of the two-year program

University of Rhode Island Faculty Senate

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UNIVERSITY OF RHODE ISLAND
FACULTY SENATE

BILL

Adopted by the Faculty Senate

TO: President Francis H. Horn

FROM: Chairman of the Faculty Senate

1. The Attached BILL, titled Committee on Curricular Affairs, 30th report, Part II A, 1 & 2, dealing with curriculum and courses for a two-year associate degree program in commercial fisheries, and subject to the approval by the Board of Trustees of the two-year program,

is forwarded for your consideration.

2. The original and two copies for your use are included.

3. This BILL was adopted by vote of the Faculty Senate on May 19, 1966 (date).

4. After considering this bill, will you please indicate your approval or disapproval. Return the original or forward it to the Board of Trustees, completing the appropriate endorsement below.

5. In accordance with Section 8, paragraph 2 of the Senate's By-Laws, this bill will become effective on June 6, 1966 (date), three weeks after Senate approval, unless: (1) specific dates for implementation are written into the bill; (2) you return it disapproved; (3) you forward it to the Board of Trustees for their approval; or (4) the University Faculty petitions for a referendum. If the bill is forwarded to the Board of Trustees, it will not become effective until approved by the Board.

May 23, 1966 (date) 
Elizabeth C. Crandall /s/
Chairman of the Faculty Senate

ENDORSEMENT 1.

TO: Chairman of the Faculty Senate

FROM: President of the University

1. Returned.

2. Approved ______. Disapproved ______.

3. (If approved) In my opinion, transmittal to the Board of Trustees is not necessary.

(date) /s/ President

Form approved 11/65
ALTERNATE ENDORSEMENT 1.

TO: Chairman of the Board of Trustees.

FROM: The University President

1. Forwarded.

2. Approved.

ENDORSEMENT 2.

TO: Chairman of the Faculty Senate

FROM: Chairman of the Board of Trustees, via the University President

1. Forwarded.

ENDORSEMENT 3.

TO: Chairman of the Faculty Senate

FROM: The University President

1. Forwarded from the Chairman of the Board of Trustees.

Original received and forwarded to the Secretary of the Senate and Registrar for filing in the Archives of the University.

Chairman of the Faculty Senate
II. MATTERS REQUIRING CONFIRMATION OF THE FACULTY SENATE

A. From the College of Agriculture

1. Add new curriculum in Commercial Fisheries, as follows:

COMMERCIAL FISHERIES

First Year

1st Semester

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>English 1</td>
<td>3</td>
</tr>
<tr>
<td>F &amp; R Econ 5</td>
<td>3</td>
</tr>
<tr>
<td>Math 9</td>
<td>3</td>
</tr>
<tr>
<td>Ph Ed 60M</td>
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<tr>
<td>Fish 1</td>
<td>3</td>
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<tr>
<td>Fish 2</td>
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2nd Semester

<table>
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<th>Course</th>
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<tr>
<td>Acc 5</td>
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<td>Phys</td>
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<td>Fish 5</td>
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<tr>
<td>Fish 7</td>
<td>4</td>
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<tr>
<td>Fish 9</td>
<td>3</td>
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</table>

Second Year

1st Semester

<table>
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<tr>
<th>Course</th>
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<td>Fish 6</td>
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<tr>
<td>Fish 8</td>
<td>3</td>
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<tr>
<td>Mg</td>
<td>3</td>
</tr>
<tr>
<td>Fish 11</td>
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</table>

2nd Semester

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>Sp 1</td>
<td>3</td>
</tr>
<tr>
<td>Mg 103</td>
<td>3</td>
</tr>
<tr>
<td>F &amp; R Econ 40</td>
<td>3</td>
</tr>
<tr>
<td>Fish 4</td>
<td>4</td>
</tr>
<tr>
<td>Fish 12</td>
<td>4</td>
</tr>
<tr>
<td>Fish 20</td>
<td>1</td>
</tr>
</tbody>
</table>

(Plus 8 weeks on-the-job training between 1st and 2nd school year)

2. Add new courses in Fisheries, as follows:

1. Seamanship

A basic course in shipboard orientation and nautical terminology. Arrangement and use of deck equipment on various kinds of fishing vessels, handling of vessels both in congested areas, during fishing and in heavy weather. Rescue assistance and anchoring. (Lec. 2, Lab. 3) Staff
2 Fishing Gear 1
Semester 1, 5 credits

Introduction to fishing equipment, terminology, and techniques. Materials used in fishing gear, netting, net repair and overhaul, net design and cutting. (Lec. 3, Lab. 6) Staff

3 Fishing Gear II
Semester 1, 3 credits

Detailed study of the bottom and mid-water trawls. (Lec. 2, Lab. 3) Staff

4 Fishing Gear III
Semester 11, 4 credits

Study of seines, dredges, traps, pots, gill nets and gear used in long lining. Their method of use and maintenance. (Lec. 3, Lab. 3) Staff

5 Marine Engineering I
Semester 11, 4 credits

A basic course in I.C. engine theory to gasoline and diesel engines used in marine work. Topics to be covered include two and four stroke cycle engines, fuel injection systems, fresh and salt water cooling systems, fuel and lubrication systems, basic engine parts, such as valves, pistons, etc., and trouble shooting the above systems. (Lec. 3, Lab. 3) Staff

6 Marine Engineering II
Semester 1, 4 credits

A basic course in the auxiliary equipment found aboard fishing vessels, such as auxiliary generators and electrical equipment, fire and bilge pumps, fresh water and plumbing systems, heating and refrigeration equipment, fuel tanks and refueling, CO2 systems, power take-off equipment and steering systems. (Lec. 3, Lab. 3) Staff

7 Navigation I
Semester 11, 4 credits

Basic piloting, instruments used for piloting, charts and publications, rules of the road, tides, ocean currents, waves, sound in the sea, compass error, dead reckoning, weather observations, forecasts, tropical cyclones. (Lec. 3, Lab. 3) Staff

8 Navigation II
Semester 1, 3 credits

A continuation of Navigation I, to include electronic and celestial navigation, use of electronic instrumentation such as radar, RDF, sonar, and loran, lines of position, the Almanac, time, direction and distance, hyperbolic systems, Mercator and great circle sailings. (Lec. 2, Lab. 3) Staff

9 Biology and Conservation
Semester 11, 3 credits

Course description: An introduction to classification, morphology and anatomy of important fishes and invertebrates. Emphasis on taxonomy, natural history, and management of Western North Atlantic forms. The applied aspects of fisheries science will be introduced. (Lec. 2, Lab. 2) Staff
10 Vessel Construction and Appraisal Semester I, 3 credits

Theory of vessel design and construction. Materials used, layout, installation of equipment, rigging of vessels. Legal requirement, shipyard organization and management, vessel appraisal. (Lec. 3) Staff

11 Fishery Technology Semester I, 3 credits

Preservation and processing methods at sea and ashore. Introduction to microbiology and the effect of bacteria on spoilage of fish. Elementary hygiene (sanitation). Production and utilization of by-products. (Lec. 2, Lab. 3) Staff

12 Fisheries Hydrography Semester II, 4 credits

Basic consideration of major hydrographic conditions as related to fishing and fish behavior. Principles and practice of fish finding utilizing hydrographic data and fish finding equipment. Reading and interpretation of scopes and recorders. Exploratory fishing methods. (Lec. 3, Lab. 3) Staff

20 Fisheries Problems Semester II, 1 credit

Investigation of current important problems in the fisheries field. Legislation affecting the fishing fleet and the fish processing industries. (Lec. 1)

Note: Courses in Physics and in Management, described in the proposed Commercial Fisheries Curriculum, must originate in the College of Arts and Sciences and in the College of Business Administration, respectively, and come to the CCA through those agencies.
9. BASEMENT AGREEMENT FOR NARRACANTENET BAY CAMPUS (CONTINUED)

VOTED: other laboratory wastes, together with a temporary basement for the construction, installation, maintenance, operation and removal of a 1000 gallon septic tank and related tile fields as shown on the sketch of the area. This basement would be subject to the approval of the State Properties Committee and the Attorney General.

10. TWO-YEAR CURRICULUM IN COMMERCIAL FISHERIES

In accordance with the recommendation of President Horn and upon motion duly made and seconded, it was

VOTED: That the Board of Trustees authorizes the initiation, in accordance with the terms of the Federal grant for this purpose, of a two-year program in commercial fisheries as approved by the Faculty Senate, the completion of said program to be recognized by the award of the Associate in Science Degree.

11. NAMING OF HOUSING COMPLEX

The President reported that the University Housing Committee has recommended that the new housing complex be named the Roger Williams Housing Complex.

In accordance with the recommendation of President Horn and upon motion duly made and seconded, it was

VOTED: That the Board of Trustees approves naming the new housing complex at the University of Rhode Island the ROGER WILLIAMS HOUSING COMPLEX.

12. TUITION WAIVERS FOR FACULTY CHILDREN

Complying with the Chairman's request, the President submitted a report indicating the extent of the University's participation to date in the Reciprocal Tuition Agreement for Faculty Children in New England States which was implemented by the New England state universities (Vermont excepted) in 1965.

Further consideration of this matter was postponed pending review of recommendations made by the Harvard, MIT, Harvard, MIT, and University of Tennessee faculty compensation study.

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