CURRICULAR AFFAIRS COMMITTEE, 16th REPORT -- Recommendations from the Graduate Faculty and the College of Arts and Sciences.

University of Rhode Island Faculty Senate

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Transmittal Form for Bills Approved by the Faculty Senate

From: The Chairman, Faculty Senate
To: The President, Dr. Francis H. Horn
Enclosure

1. The attached resolution, entitled CURRICULAR AFFAIRS COMMITTEE, 16th REPORT -- Recommendations from the Graduate Faculty and the College of Arts and Sciences, is hereby forwarded to you for your consideration.

2. The official original and 2 copies for your use are attached.

3. This resolution was approved by vote of the Faculty Senate on December 17, 1964.

4. After your consideration, will you kindly indicate your approval or disapproval, as appropriate, and return it, completing the appropriate endorsement below.

   December 29, 1964
   (signature) Chairman, Faculty Senate.

Endorsement 1.

From: The President, University of Rhode Island
To: The Chairman, Faculty Senate

   1. Returned
   2. Approved X Disapproved
   3. (if approved) In my opinion, transmittal to the Board of Trustees would not be desired by the Board and is unnecessary.

   Dec. 31, 1964 (signature) President, Univ. of R.I.

   Received 1/6/65 (signature) Chairman, Faculty Senate

Original forwarded to Secretary of the Senate and Registrar, E. Farrell, for filing in the archives of the University.
Faculty Senate Committee on Curricular Affairs 16th Report. (abbreviated)

Recommendations for confirmation by the Senate on December 17, 1964, contingent, where noted, upon approval of the Graduate Faculty.

1. (contingent) Deletion of following courses in Community Planning and Area Development: Community Planning 112, 115, 210, and 211.

2. Graduate School of Library Science
   a. (contingent) Change numbers to three hundred level
      - 300 (201)
      - 308 (208)
      - 309 (209)
      - 310 (210)
   b. (contingent) Delete 6 courses: L.S. 204, 213, 215, 217, 219, and present L.S. 301 (Special Problems in Librarianship)
   c. (contingent) Add 10 courses:
      - (New) L.S. 302 History of Books and Printing, 3 credits.
      - (New) L.S. 303 Advanced Reference and Bibliography, 3 credits.
      - (New) L.S. 304 Information Retrieval, 2 credits.
      - (New) L.S. 306 Advanced Cataloging, 2 credits.
      - (New) L.S. 321 Public Library Service, 1 credit.
      - (New) L.S. 323 College and University Library Service, 1 credit.
      - (New) L.S. 325 Special Library Service, 1 credit.
      - (New) L.S. 391, 392, 393 - Independent Work, 1-3 credits each

3. From the College of Arts and Sciences
   a. Chemistry. Approval of the revised B.S. curriculum in Chemistry, including 1 new course, Chemistry 15, Analytical Chemistry, 4 credits.
   b. Languages. Approval of the addition of Russian as a minor in the Liberal Arts curriculum.
   c. Physics. Change in prerequisites for Physics 23 in cooperation with the College of Engineering.
   d. Zoology. Increase in maximum number of credits in chemistry for Zoology majors in the B.S. curriculum to 28 credits.
Recommendations for confirmation by the Senate, contingent, where noted, upon approval of the Graduate Faculty.

1. (Contingent) Deletion of the following courses in Community Planning and Area Development:

   - Community Planning 112, Planning Theory, Methods and Techniques
   - Community Planning 115, Housing and Neighborhood Design
   - Community Planning 210, Design Studio I
   - Community Planning 211, Design Studio II

2. Graduate School of Library Science

   a. (contingent) Change in numbers to three hundred level

      - 300 (201) The Library in Society
      - 308 (208) Reading Interests of Children
      - 309 (209) Reading Interests of Adolescents
      - 310 (210) Reading Interests of Adults

   b. (contingent) Deletion of the following courses in Library Science:

      - 204 Machines and the Library
      - 213 Bibliography in the Social Sciences
      - 215 Bibliography in the Humanities
      - 217 Bibliography in the Sciences
      - 219 History of Printing Books and Libraries
      - 301 Special Problems in Librarianship

   c. (contingent) Addition of 10 new courses in Library Science:

        Western civilization as affected by the book arts and the extension of culture through the printed book, with stress on literary property and censorship as related to printing and libraries.

      - L.S. 303 (New) Advanced Reference and Bibliography Semester II, 3 cr.
        A subject approach to reference work, to include major titles in the humanities, social and pure and applied sciences, and government publications and a wide range of techniques for answering reference questions. (Lec. 3) Geer

      - L.S. 304 (New) Information Retrieval Semester II, 2 cr.
        Emphasis on the characteristics of equipment applicable to the library situation, including the clerical functions which might be mechanized and functions, such as information retrieval, with more intellectual content. The intellectual tools (including computer programming, documentation techniques and traditional library tools) will be described as they would be utilized with equipment. Prerequisite: permission of instructor.
Sixteenth Report

L.S. 306 (New) Advanced Cataloging  
Semester II, 2 cr.
Cataloging special materials, corporate author entry theory, and catalog department organization, for prospective catalogers and those interested in technical processing aspects of librarianship. (Lec. 2) Staff

L.S. 321 (New) Public Library Service  
Semester II, 1 cr.
Readings on and discussion of backgrounds, aims, and problems of the American public library, with particular attention to larger unit systems. (Lec. 1) Summers or Staff

L.S. 323 (New) College and University Library Service  
Semester II, 1 cr.
Philosophic and practical considerations implicit in the functions, organization, and management of college and university libraries as these differ from other types of libraries. (Lec. 1) Vagianos

L.S. 325 (New) Special Library Service  
Semester II, 1 cr.
Organization, management, and regular and special procedures as they apply to special libraries, with particular emphasis upon standards and planning for space and equipment. (Lec. 1) Geer

L.S. 391, 392, 393 (New) Independent Work  
Semesters I and II, 1-3 cr.
Supervised reading or investigation in areas of special interest to students who obtain written approval for such study prior to registration for the semester for which it is proposed. Total credits not to exceed 6. Staff

3. College of Arts and Sciences

a. Department of Chemistry. Approval of a revised B.S. curriculum in Chemistry, including one new undergraduate course, Chem. 15, Analytical Chemistry. (Note: Chem 102 and 133 which are included in the revised curriculum are in the hands of the Graduate Faculty.)

The curriculum is as follows:

(SEE PAGE 3)
Bachelor of Science Degree  
Curriculum in Chemistry

**FRESHMAN YEAR**

**First Semester**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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<tbody>
<tr>
<td>Engl. 1 - Composition</td>
<td>3</td>
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<tr>
<td>German 1 - Elementary German</td>
<td>3</td>
</tr>
<tr>
<td>Math. 41 - Introductory Calculus with Analytic Geometry</td>
<td>3</td>
</tr>
<tr>
<td>Chem. 1A - General Chemistry</td>
<td>4</td>
</tr>
<tr>
<td>Biol. 1 - General Biology</td>
<td>3</td>
</tr>
<tr>
<td>*Elective</td>
<td>1</td>
</tr>
<tr>
<td>Phys. Ed. IM or IW - Physical Activity</td>
<td>1</td>
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<td><strong>Total</strong></td>
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**Second Semester**

<table>
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<th>Course</th>
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<tr>
<td>Engl. 2 - Literature and Composition</td>
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<tr>
<td>German 2 - Elementary German</td>
<td>3</td>
</tr>
<tr>
<td>Math 42 - Intermediate Calculus with Analytic Geometry</td>
<td>3</td>
</tr>
<tr>
<td>Chem. 2A - General Chemistry</td>
<td>4</td>
</tr>
<tr>
<td>Biol. 2 - General Biology</td>
<td>3</td>
</tr>
<tr>
<td>*Elective</td>
<td>1</td>
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<tr>
<td>Phys. Ed. IM or IW - Physical Activity</td>
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<tr>
<td><strong>Total</strong></td>
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**SOPHOMORE YEAR**

**First Semester**

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<tr>
<td>Chem. 21 - Organic Chemistry</td>
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<tr>
<td>Phys. 3 - Engineering Physics</td>
<td>3</td>
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<tr>
<td>Phys. 5 - Physics Laboratory</td>
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<tr>
<td>Math. 43 - Calculus and Analytic Geometry of Several Variables</td>
<td>3</td>
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<tr>
<td>German 3 - Intermediate German</td>
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<td>*Elective</td>
<td>1-3</td>
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<tr>
<td>Phys. Ed. 3H or 3 W - Physical Activity</td>
<td>1</td>
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<tr>
<td><strong>Total</strong></td>
<td><strong>16-18</strong></td>
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</tbody>
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**Second Semester**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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<tr>
<td>German 4SC - Scientific German</td>
<td>3</td>
</tr>
<tr>
<td>Chem. 22 - Organic Chemistry</td>
<td>4</td>
</tr>
<tr>
<td>Phys. 4 - Engineering Physics</td>
<td>3</td>
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<td>Phys. 6 - Physics Laboratory</td>
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<td>Math 44 - Differential Equations</td>
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<td><strong>Total</strong></td>
<td><strong>16-18</strong></td>
</tr>
</tbody>
</table>

* All students not electing Military Science (Not required) must plan to substitute other courses earning the equivalent 4 credits before graduation.
This revised curriculum for the Bachelor of Science degree in Chemistry includes the following course:

Chem. 15 (New) Analytical Chemistry Semester I, 4 cr.

Principles of gravimetric and volumetric analysis; application to inorganic and organic systems; statistical methods in analytical chemistry; separations by modern techniques. (Lec. 3, Lab. 3) Prerequisite: Chem. 2A, 21 and 31 concurrently. Ohnesorge and Rosie.

b. Dept. of Languages. Approval of the addition of Russian as a minor in the Liberal Arts Curriculum.

c. Dept. of Physics. Change in prerequisite for Physics 23, in cooperation with the College of Engineering, to read: M.E. 63 (may be taken concurrently.)

d. Dept. of Zoology. Increase in maximum number of credits in chemistry for Zoology majors in the B.S. curriculum from 20 to 28 credits.