1966

Bulletin of the Massachusetts State College at Bridgewater: Graduate School and Division of Continuing Studies, 1966-1967

Bridgewater State College

Recommended Citation
Retrieved from: http://vc.bridgew.edu/bsc_catalogs/42

This item is available as part of Virtual Commons, the open-access institutional repository of Bridgewater State University, Bridgewater, Massachusetts.
Graduate School
and
Division of
Continuing Studies

Bulletin of The Massachusetts State College
at Bridgewater
The general address for all correspondence is State College at Bridgewater, Bridgewater, Massachusetts 02324. In order to avoid delay, correspondents are requested to note the following directions.

Requests for day session catalogues (undergraduate) should be addressed to the Registrar. Requests for catalogues of the Graduate School and Division of Continuing Studies should be sent to the Office of the Graduate School.

Inquiries relative to admission and readmission (undergraduate) should be addressed to the Director of Admissions.

Inquiries concerning requirements for concentrations and majors in a given department should be addressed to the chairman of that department.

Requests for transcripts should be sent as follows:

- Students who hold a bachelor's and/or a master's degree from this College should write to the Registrar.
- Students who have not completed their bachelor's degree should write to the Registrar for a transcript of courses taken through the day college, and to the Director of Continuing Studies for a transcript of courses taken through the Division of Continuing Studies.
- Students who have earned their baccalaureate but who have not completed their master's degree, should write to the Director of Continuing Studies for a transcript of their courses.

Inquiries concerning employment, health services, housing, loans, and scholarships, should be addressed to the Director of Student Personnel.

Inquiries concerning the Summer Session at Bridgewater State College should be addressed to the Director of the Summer Session.

Inquiries concerning the Summer Session at Hyannis should be addressed to the Director of the Hyannis Summer Session.

Inquiries relative to admission to the Graduate School should be addressed to the Dean of the Graduate School.

Inquiries concerning placement and student teaching should be addressed to the Director of Student Teaching.

Inquiries concerning Continuing Studies should be addressed to the Director of Continuing Studies.

Inquiries concerning alumni affairs should be addressed to the Executive Secretary of the Alumni Association.

Inquiries concerning academic employment should be addressed to the chairman of the appropriate department.

Inquiries concerning non-academic employment should be addressed to the Assistant to the President.

Inquiries concerning teacher certification should be addressed to the Director of Teacher Certification, Department of Education, 200 Newbury Street, Boston, Massachusetts.

Matters not covered above, and correspondence bearing upon the general interests of the College, should be addressed to the President.
BULLETIN OF THE MASSACHUSETTS STATE COLLEGE
AT
BRIDGEWATER
FOUNDED IN 1840

GRADUATE SCHOOL
AND
DIVISION OF CONTINUING STUDIES

The Commonwealth of Massachusetts
DIVISION OF STATE COLLEGES
CONTENTS

CALENDAR 7
BOARD OF TRUSTEES 8
OFFICERS OF ADMINISTRATION 9
ADMINISTRATIVE OFFICES 10
GRADUATE COMMITTEE 11
FACULTY 11

THE MASSACHUSETTS STATE COLLEGE AT BRIDGEWATER

- Academic Standing of the College 19
- Administrative Organization of Programs 19
- Academic Facilities 19
- Student Housing 20

THE GRADUATE SCHOOL

- Office of the Graduate School 21
- Courses 21
- Commencement 21
- General Requirements for the Degree of Master of Education 22
- Admission 23
- Selective Service 24

DEGREE PROGRAMS

- Master of Education in Guidance 26
- Master of Education in Reading 27
- Master of Education in Elementary Education 25
- Master of Education in School Administration 28
- Master of Education in Secondary Education 30
- Master of Education in Special Education 31

DIVISION OF CONTINUING STUDIES

- Office Hours 33
- Registration 33
  - Registration Schedule 33
  - Class Scheduling 33
  - Maximum Hours 34
  - Prerequisites 34
  - Registration Fees 34
  - Tuition 34
  - Payment 34
  - Refunds 35
  - Withdrawal 35

ACADEMIC POLICIES

- Admission to Degree Standing 35
<table>
<thead>
<tr>
<th>Part-Time and Full-Time Degree Programs</th>
<th>37</th>
</tr>
</thead>
<tbody>
<tr>
<td>Attendance</td>
<td>37</td>
</tr>
<tr>
<td>Grades</td>
<td>37</td>
</tr>
<tr>
<td>Graduate Record Examinations</td>
<td>37</td>
</tr>
<tr>
<td>Selective Service</td>
<td>38</td>
</tr>
</tbody>
</table>

**FINANCIAL ASSISTANCE**

| Scholarships and Fellowships            | 38 |
| National Defense Student Loans          | 38 |
| College Work-Study Program              | 39 |
| Veterans                                | 39 |

**STUDENT SERVICES**

| General Counseling                      | 40 |
| Religious Counseling                    | 40 |
| Health Services                         | 41 |

**CHANGE OF NAME AND/OR ADDRESS**

| MOTOR VEHICLE REGULATIONS               | 41 |
| TEACHER CERTIFICATION                   | 41 |
| OTHER COLLEGE POLICIES                  | 41 |

**COURSE OFFERINGS**

| Class Schedules                         | 43 |
| General Statement on Courses            | 43 |
| Division of Humanities                  | 45 |
| Department of Art                       | 46 |
| Department of English                   | 47 |
| Department of Modern Foreign Languages  | 49 |
| Department of Music                     | 52 |
| Department of Speech and Drama          | 53 |
| Division of Natural Sciences and Mathematics | 57 |
| Department of Biological Sciences       | 58 |
| Department of Chemistry                 | 60 |
| Department of Earth Sciences            | 62 |
| Department of Mathematics               | 65 |
| Department of Physics                   | 69 |
| Division of Professional Education      | 71 |
| Department of Education                 | 74 |
| Department of Health and Physical Education (Men and Women) | 91 |
| Department of Instructional Media       | 73 |
| Department of Library Science           | 93 |
| Division of Social Sciences             | 95 |
| Department of Economics                 | 97 |
| Department of History and Political Science | 98 |
| Department of Sociology                 | 101 |
### FALL TERM 1966 - 1967

**Dates are inclusive**

<table>
<thead>
<tr>
<th>Dates</th>
<th>Month</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>6-8</td>
<td>September</td>
<td>Registration</td>
</tr>
<tr>
<td>12</td>
<td>September</td>
<td>Instruction begins</td>
</tr>
<tr>
<td>12</td>
<td>October</td>
<td>Columbus Day (no classes)</td>
</tr>
<tr>
<td>29</td>
<td>October</td>
<td>Graduate Record Examinations</td>
</tr>
<tr>
<td>11</td>
<td>November</td>
<td>Veterans' Day (no classes)</td>
</tr>
<tr>
<td>23-27</td>
<td>November</td>
<td>Thanksgiving Vacation</td>
</tr>
<tr>
<td>17</td>
<td>December</td>
<td>Graduate Record Examinations</td>
</tr>
<tr>
<td>18</td>
<td>December-January 4, 1967</td>
<td>Christmas Vacation</td>
</tr>
<tr>
<td>13</td>
<td>January</td>
<td>October 12, 1966 classes meet</td>
</tr>
<tr>
<td>14</td>
<td>January</td>
<td>Instruction ends</td>
</tr>
</tbody>
</table>

### SPRING TERM 1967

**Dates are inclusive**

<table>
<thead>
<tr>
<th>Dates</th>
<th>Month</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>17-19</td>
<td>January</td>
<td>Registration</td>
</tr>
<tr>
<td>30</td>
<td>January</td>
<td>Instruction begins</td>
</tr>
<tr>
<td>19-26</td>
<td>February</td>
<td>February Vacation</td>
</tr>
<tr>
<td>1</td>
<td>March</td>
<td>Last day for filing Application for Degree for June Commencement</td>
</tr>
<tr>
<td>25</td>
<td>March</td>
<td>Holy Saturday (no classes)</td>
</tr>
<tr>
<td>6</td>
<td>April</td>
<td>Last day for filing Request to take the May Comprehensive Examination</td>
</tr>
<tr>
<td>22</td>
<td>April</td>
<td>Graduate Record Examinations</td>
</tr>
<tr>
<td>16-23</td>
<td>April</td>
<td>Spring Vacation</td>
</tr>
<tr>
<td>6</td>
<td>May</td>
<td>Comprehensive Examinations for master's degree candidates</td>
</tr>
<tr>
<td>26</td>
<td>May</td>
<td>March 25, 1967 classes meet</td>
</tr>
<tr>
<td>27</td>
<td>May</td>
<td>Instruction ends</td>
</tr>
<tr>
<td>11</td>
<td>June</td>
<td>Commencement</td>
</tr>
<tr>
<td>20</td>
<td>June</td>
<td>Last day for filing Request to take the July Comprehensive Examination</td>
</tr>
</tbody>
</table>

### SUMMER TERM 1967

**Dates are inclusive**

<table>
<thead>
<tr>
<th>Dates</th>
<th>Month</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>13-15</td>
<td>June</td>
<td>Registration</td>
</tr>
<tr>
<td>3</td>
<td>July</td>
<td>Instruction begins</td>
</tr>
<tr>
<td>4</td>
<td>July</td>
<td>Independence Day (no classes)</td>
</tr>
<tr>
<td>7</td>
<td>July</td>
<td>Last day for filing Application for Degree for August Commencement</td>
</tr>
<tr>
<td>8</td>
<td>July</td>
<td>Graduate Record Examinations</td>
</tr>
<tr>
<td>11</td>
<td>July</td>
<td>July 4, 1967 evening classes meet</td>
</tr>
<tr>
<td>15</td>
<td>July</td>
<td>July 4, 1967 morning classes meet</td>
</tr>
<tr>
<td>20</td>
<td>July</td>
<td>Comprehensive Examinations for master's degree candidates</td>
</tr>
<tr>
<td>11</td>
<td>August</td>
<td>Instruction ends</td>
</tr>
<tr>
<td>12</td>
<td>August</td>
<td>Commencement</td>
</tr>
</tbody>
</table>
Dr. Kenneth R. Fox, Chairman
8 Oakmount Circle
Lexington

Mr. Joseph F. Alibrandi
567 Lowell Street
Lexington

Mr. William E. Aubuchon, Jr.
22 Atlantic Avenue
Fitchburg

Dr. Wilbur J. Bender
32 Highland Street
Cambridge

Mrs. J. Girard Chandler
74 Lawson Street
Winchester

Dr. Paul M. Fye
21 Challenger Drive
Woods Hole

Mr. Stuart Macmillan
657 Main Street
Hingham

Mr. Thomas D. O'Connor
94 Otis Street
Hingham

Dr. Robert J. Prochaska
Box 57
Glendale

Mrs. Kenneth C. Spengler
189 Jason Street
Arlington

Mrs. Sol W. Weltman
125 Ellington Street
Longmeadow

Advisory Board to the Board of Trustees

Dean Clarence Q. Berger
Brandeis University

President James J. Hammond
State College at Fitchburg

President Frederick A. Meier
State College at Salem

Dr. Charles A. Pinderhughes
Chief, Psychiatric Service,
Veterans Administration Hospital, Boston

President Leonard J. Savignano
State College at Westfield
OFFICERS OF ADMINISTRATION

Adrian Rondileau, Ph.D. 
President

Henry Francis Werner, B.S. in Ed. 
Assistant to the President

Lee Francis Harrington, M.Ed. 
Academic Dean, and Registrar

Frank Joseph Hilferty, Ph.D. 
Dean of the Graduate School

Walter Arthur Morin, Ph.D. 
Assistant to the Dean of the Graduate School

Vincent James DiNardo, Ed.D. 
Dean of Undergraduate Studies and Director of the Hyannis Summer Session

Jordan Dominic Flore, Ph.D. 
Director of the Division of Social Studies

Harold Guy Ridlon, Ph.D. 
Director of the Division of the Humanities

Stanley Luther Clement, Ed.D. 
Director of the Division of Professional Education

Frank Joseph Hilferty, Ph.D. 
Acting Director of Continuing Studies

John Frazier MacDonnell, Ed.D. 
Director of Student Teaching and Placement

Mercia Carter Pike, M.Ed. 
Associate Director of Student Teaching and Placement

Henry Joseph Fanning, Jr., M.Ed. 
Director of Admissions (Undergraduate)

Owen Thomas Paul McGowan, M.S. in L.S. 
Librarian

Ralph Norman Levesque, B.S. 
Assistant Registrar and Programming Officer

Ellen Marie Shea, Ph.D. 
Dean of Students, and Dean of Women

David Paul Deep, M.Ed. 
Dean of Men

Martha Rankin Drinkwater, B.S. in Ed. 
Assistant to the Dean of Women

Sarah Elizabeth Pope, M.A., M.S. 
Executive Secretary to the Alumni Association

Reverend John Daly, A.B. 
Chaplain to Catholic Students

Reverend Richard Huffines, B.A., B.D. 
Chaplain to Protestant Students
ADMINISTRATIVE OFFICES

Office of the Dean of the Graduate School
Eleanor Sanders Wyatt  Secretary
Eleanor Lee Anderson  Clerk

Office of the Dean of Undergraduate Studies
Laurie Ahlborg  Secretary

Office of the Director of Continuing Studies
Marie Blanche Philomene Fleury  Bookkeeper
Irene Monica Gonzales  Clerk
Rita Andrade Souza  Assistant Bookkeeper and Clerk

Office of the Director of the Hyannis Summer Session
Gertrude Reed Gailfoil  Secretary

Office of the Dean of Students
Philip Ryan Dooley  Guidance Counselor
Paul Francis Kelley  Financial Aid Officer
Charles Edwin Carr  Resident Counselor for Men
Barbara Anne Shakespeare  Resident Counselor for Women

Office of Health Services
Judith McLeod Deep, R.N.  Day Nurse
Louise Zahr, R.N.  Night Nurse
Leo Zalon, M.D.  Physician

Office of the Division of Natural Sciences and Mathematics
Thelma Mae Haney  Secretary

Library
Emily Stone  Clerk
Mary Chaput  Clerk

Alumni Office
Madeline Elizabeth Moore  Secretary
Marjorie Ashton Dean  Clerk
GRADUATE COMMITTEE

Professor William James Wall, Jr., Ph.D., Chairman
Professor Stanley Luther Clement, Ed.D.
Professor Jordan Dominic Fiore, Ph.D.
Professor Frank Joseph Hilferty, Ph.D.
Professor Walter Arthur Morin, Ph.D.
Professor Harold Guy Ridloh, Ph.D.

Ex officio:

President Adrian Rondileau, Ph.D.
Dean Lee Francis Harrington, M.Ed.

FACULTY

Adrian Rondileau, A.B., M.A., Ph.D.; President
Murray Abramson, B.A., M.A.; Instructor in Mathematics
Otis Edward Alley, B.S., A.M., Ph.D.; Professor of Physics
Robert Charles Arruda, A.B., B.S., M.A.T.; Assistant Professor of Romance Languages, and Chairman of the Department of Modern Foreign Languages
Barbara Alexandria Baird, B.A., M.A.; Instructor in Speech and Drama
Robert Jackson Barnett, A.B., M.A.; Associate Professor of Speech, and Chairman of the Department of Speech and Drama
Mabell Bates, B.A., M.Ed.; Visiting Lecturer in Library Science
Ralph Samuel Bates, A.B., A.M., Ph.D.; Professor of History
Warren Benson, A.B., LL.B.; Visiting Lecturer in Guidance
Robert Joseph Bent, B.S., Ed.M., M.A.; Assistant Professor of Mathematics
Raymond Lorenzo Blanchard, B.S., Ed.M., M.S.; Assistant Professor of Physics
Beatrice Irene Bouchard, B.S., M.A.; Associate Professor of Library Science, & Chairman of the Department of Library Science
Rene Bouchard, B.A., M.Ed.; Visiting Lecturer in History
Robert Francis Boutilier, A.B., M.A., Ph.D.; Assistant Professor of Earth Science
Margaret Rose Brayton, A.B., M.A., D.Ed.; Visiting Lecturer in Psychology
James Robert Brennan, B.S., M.S., Ph.D.; Associate Professor of Botany
Robert Allen Briggs, B.A., M.A.; Assistant Professor of Modern Languages
Shirley Bump, B.S., Ed.M.; Instructor in Art
Mary Isabel Caldwell, B.S., M.A.; Assistant Professor of Physical Education
Richard Frank Calusdian, B.A., M.S., Ph.D.; Associate Professor of Physics, and Acting Chairman of the Department of Physics
Charles Edwin Carr, A.B., M.A.; Instructor in Mathematics
William Casey, A.B., M.Ed.; Visiting Lecturer in Guidance
Barbara Anne Chellis, B.S., M.A., Ph.D.; Associate Professor of English
Joseph Biggi Chiccarelli, B.S., M.A.; Associate Professor of Mathematics, and Chairman of the Department of Mathematics
Wilmon Blackmar Chipman, A.B., A.M., Ph.D.; Associate Professor of Chemistry, and Chairman of the Department of Chemistry
Elizabeth Fahey Cirino, B.S., A.M., Ph.D.; Professor of Zoology
Stanley Luther Clement, B.S., M.A., Ed.D.; Professor of Education, Chairman of the Department of Education, and Director of the Division of Professional Education
Ann Oldham Coakley, B.S., Ed.M.; Instructor in Physical Education
William Roswell Cole, B.A., A.M.; Associate Professor of History
Robert Anthony Coler, B.A., M.A., Ph.D.; Assistant Professor of Zoology
Joseph John Corkery, A.B., A.M.; Associate Professor of Education
Arthur Thomas Dabilis, A.B., M.A.; Instructor in English
Henry Owen Daley, Jr., B.S., Ph.D.; Assistant Professor of Chemistry
Robert Alphonse Daniel, A.B., M.A., Ed.D.; Associate Professor of Art
Robert Dale Dawley, B.A., M.A.; Instructor in Modern Foreign Languages
John Peter Deasy, A.B., Ed.M., Ed.D.; Associate Professor of Education
David Paul Deep, B.S., M.S.; Instructor in Physical Education, and Dean of Men
Anthony Vincent DeLeo, A.B., A.M., Ed.M.; Visiting Lecturer in Special Education
Harold Francis DeLisle, B.S., M.A.; Assistant Professor of English
Joseph DeRocco, A.B., M.A.; Associate Professor of English
Armand Eugene DeSautels, B.L., B.A., M.A.; Instructor in Modern Foreign Languages
Vincent James DiNardo, B.S., Ed.M., Ed.D.; Professor of Education, and Dean of Undergraduate Studies
John DiSanto, M.A., M.Ed.; Visiting Lecturer in Education
Gerald Joseph Doiron, B.A., M.A.; Assistant Professor of History
Philip Ryan Dooley, A.B., M.E.; Associate Professor of Guidance, and Director of Guidance
Lawrence Doyle, A.B., Ed.M., Ed.D.; Visiting Lecturer in Psychology
Karen Van Lissel Dublin, A.B., M.A., Ph.D.; Assistant Professor of Speech and Drama
Martha Engler, M.S.; Visiting Lecturer in Library Science
Warren David Englund, B.A., M.S.; Associate Professor of Education
Charles Fanning, Jr., B.A., M.A.T.; Instructor in English
Henry Joseph Fanning, Jr., B.S., Ed.M.; Assistant Professor of Education, and Director of Admissions (Undergraduate)
Margaret Eleanor Farrell, B.S., Ed.M.; Instructor in Education
Ralph Sanborn Fellows, A.B., M.A., Ph.D.; Assistant Professor of Geology
Dorothy Rose Ferry, Mus.B., M.Mus.Ed.; Assistant Professor of Music
Jordan Dominic Fiore, B.S., A.M., Ph.D.; Professor of History, Chairman of the Department of History and Political Science, Director of the Division of Social Sciences, and Director of Curriculum Studies and Development

William Fisher, M.A., Ed.D.; Visiting Lecturer in Education

Robert Fitzgibbons, A.B., Ed.M.; Visiting Lecturer in Philosophy

James Francis, A.B., Ed.M.; Visiting Lecturer in Reading

Ira Ellsworth Furlong, A.B., M.A., Ph.D.; Associate Professor of Geology

Marilyn Hayden Furlong, B.S., M.A.; Instructor in Geography

Vincent Harold Gannon, B.S., M.A.T.; Assistant Professor of Music

Charles William Gaughan, A.B., M.Ed., M.S.S.W.; Visiting Lecturer in Sociology

Edwin Gedney, B.S., Ed.M.; Visiting Lecturer in Philosophy

Barbara Heidelauf George, B.A., Ed.M.; Instructor in German

Nathan Gerson, B.S., M.A.; Visiting Lecturer in Astronomy

Joseph Matthew Giannini, B.A., M.A.; Assistant Professor of Modern Foreign Languages

Walter Joseph Gleason, B.S., M.A.; Instructor in Mathematics

Mary Lane Gloster, B.S.; Instructor in Library Science

Ira Goldberg, B.S., M.A., Ph.D.; Visiting Lecturer in Psychology

Maude Clay Little Green, A.B., M.A., Ph.D.; Assistant Professor of Sociology

Regina Mary Gross, B.S., A.M.; Instructor in Physical Education

Margaret Frances Guerin, A.B., B.S., A.M.; Associate Professor of English

Lee Francis Harrington, A.B., M.Ed.; Academic Dean, and Registrar

Marjorie Elizabeth Hayward, B.M., Ed.M.; Assistant Professor of Music

Jane Herrick, A.B., M.A., Ph.D.; Professor of History

Frank Joseph Hilferty, B.S., Ph.D., Commonwealth Professor of Botany, Director of the Division of Natural Sciences and Mathematics, and Dean of the Graduate School
Howard Franklin Hirt, B.S., M.A., Ph.D.; Associate Professor of Geography
Williston Holbert, A.B., M.Ed.; Visiting Lecturer in Philosophy
Elizabeth Hollis, B.S., M.A.; Associate Professor of Education
Kenneth Jesse Howe, B.A., M.S., Ph.D.; Professor of Botany, and Chairman of the Department of Biological Sciences
Charles Wesley Howie, B.S., M.S.; Instructor in Botany
Stephanie Olga Husek, A.B., Ph.D.; Professor of History
Donald Martin Jacobs, A.B., M.A.; Instructor in History
Mary Moore Jarvis, B.S., M.A.; Associate Professor of English
Virginia Carville Joki, A.B., M.A.; Associate Professor of English
Sidney Littlefield Kasfir, B.S., M.A.; Instructor in Art
Donald Lundeen Keay, B.S., M.A.T.; Assistant Professor of History
Grace Keehan, B.S., M.Ed.; Visiting Lecturer in Special Education
Paul Francis Kelley, B.S., Ed.M.; Assistant Professor of Education, and Financial Aid Officer
Archibald Kelly, A.B., M.S.; Visiting Lecturer in the Teaching of Mathematics
Thomas Allen Knudson, B.S., M.S.; Assistant Professor of Physical Education for Men
Shirley Marion Kolack, B.S., A.M., Ph.D.; Associate Professor of Sociology, and Acting Chairman of the Department of Sociology
Shirley Jane Krasinski, B.S., M.S.; Instructor in Physical Education
Olive Lee, A.B., B.S.; Instructor in Library Science
Thomas Lee, B.S., Ed.M.; Instructor in Audiovisual Education
Harry August Lehmann, B.S., Ed.M.; Associate Professor of Physical Education, and Chairman of the Department of Health and Physical Education for Men
Robert Elwood Lemos, B.S., Ed.M.; Assistant Professor of Mathematics
George Lewis, A.B., M.A., Ph.D.; Visiting Lecturer in Geography
Evelyn Ruth Lindquist, B.S., Ed.M.; Associate Professor of Education
Katherine Frances Lomax, A.B., M.A.T.; Assistant Professor of English
Iva Viola Lutz, B.S., A.M.; Professor of Education
Edward Lynch, A.B., M.Ed., C.A.G.S.; Visiting Lecturer in Education
William Lynch, A.B., M.Ed.; Visiting Lecturer in History
John Frazier MacDonnell, A.B., Ed.M., Ed.D.; Professor of Education, and Director of Student Teaching
Agrippina Anne Macewicz, B.S., M.A., Ph.D.; Associate Professor of Geography
Emanuel Maier, B.A., M.S., Ph.D.; Professor of Geography, and Chairman of the Department of Earth Sciences
Henry Myron Mailloux, B.S., M.A.; Associate Professor of Mathematics
Patricia Makin, B.S., Ed.M.; Instructor in Student Teaching
Michael Makokian, Ed.B., M.A.; Assistant Professor of Mathematics
Jane Manthorne, A.B., M.L.S.; Visiting Lecturer in Library Science
Mary Leota Marks, Diploma; Instructor in Student Teaching
Walter Lloyd Mayo, A.B., M.Mus.Ed.; Associate Professor of Music, and Chairman of the Department of Music
Peter Mazzaferro, B.A., M.Ed.; Instructor in Physical Education for Men
John McGarigal, A.B., M.Ed.; Visiting Lecturer in the Teaching of Business Education
John McGovern, B.S., M.Ed.; Visiting Lecturer in Curriculum
Owen Thomas McGowan, A.B., M.S. in L.S.; Librarian
Robert McGuirk, A.B., M.A.; Visiting Lecturer in History
Trueman Menadue, B.S., M.Ed.; Visiting Lecturer in Education
Robert Mendis, M.A.; Visiting Lecturer in Earth Science
Lawrence Bronislaw Mish, A.B., A.M., Ph.D.; Professor of Botany
Mary Josephine Moriarty, B.S., A.B., Ed.M., Ed.D.; Professor of Physical Education, and Chairman of the Department of Health and Physical Education for Women
John Myers, B.A., M.A.; Visiting Lecturer in History
Rita Kohler Nadal, B.S., Ed.M.; Assistant Professor of Education
John Neal, B.S., Ed.M.; Visiting Lecturer in the Teaching of Geography
James Keron Nerney, A.B., M.A., Instructor in English
Mary Noel, A.B., M.A., Ph.D.; Assistant Professor of History
Daniel Joseph Noonan, A.B., Ed.M.; Associate Professor of Economics, and Chairman of the Department of Economics
Arthur Carlisle Oien, B.A., M.A.; Assistant Professor of History
Vernon Oldham, A.B., M.A.; Visiting Lecturer in Guidance
Philip Olmer, A.B., M.A.; Visiting Lecturer in Sociology
Daniel Joseph O’Neill, B.S., M.Ed., Ed.D.; Assistant Professor of Education
Lenore Marie Padula, B.A., M.A.; Instructor in French
Joseph Michael Pagano, B.S., M.S.; Instructor in Chemistry
Robert Brown Parker, B.A., M.A.; Instructor in English
Patricia Ann Phillips, B.S., Ed.M.; Instructor in Physical Education
Mercia Carter Pike, B.S., M.Ed.; Associate Professor of Education, and Associate Director of Student Teaching
Willis Norman Pitts, A.B., M.A., Ph.D.; Assistant Professor of Speech and Drama
Joseph Plouffe, B.S., M.Ed.; Visiting Lecturer in Guidance
Francis Powers, A.B., M.Ed., Ed.D.; Visiting Lecturer in Psychology
Robert Prendergast, B.S., M.Ed.; Visiting Lecturer in Guidance
Douglas Reed, B.S., M.B.A.; Instructor in Economics
Peter Revotskie, B.S.; Laboratory Instructor in Biological Sciences
Harold Guy Ridlon, A.B., M.A., Ph.D.; Professor of English, Chairman of the Department of English, and Director of the Division of Humanities
Henry Rosen, A.B., A.M., Ed.D.; Professor of Instructional Media, and Chairman of the Department of Instructional Media
Maurice Rotstein, B.S., M.A., Ph.D.; Assistant Professor of History
Margaret Josephine Rourke, A.B., M.A.; Visiting Lecturer in Special Education
Marjorie Atwood Rugen, B.S., M.A.; Instructor in Physical Education
Joan Sawyer, B.B., M.L.S.; Visiting Lecturer in Library Science
Louis Schippers, A.B., B.D.; Instructor in Education
Daryl Jane Schoenknecht, B.A., M.A.; Instructor in English
Barbara Anne Shakespeare, B.A., M.A.; Instructor in Education
John Shaw, B.S., M.Ed.; Visiting Lecturer in Philosophy
Ellen Marie Shea, B.S., Ed.M., Ph.D.; Professor of Education,
Dean of Students, and Dean of Women
Samuel Norman Sheinfeld, A.B., Ed.M., A.M., Ed.D; Professor of
English
Louis Sherman, B.S., M.S., Ph.D.; Visiting Lecturer in Psychology
Virginia Mary Shields, B.S., M.A.; Instructor in English
Peter Simoglou, B.A., M.S.; Visiting Lecturer in Library Science
Johanne Smith, B.S., M.S.; Instructor in Physical Education for
Women
Margaret Borden Souza, B.S., M.S.; Assistant Professor of Chemistry
Benjamin Arthur Spence, B.S., M.A.; Assistant Professor of History
Doris Margaret Sprague, B.S., Ed.M.; Associate Professor of
Student Teaching and Principal of the Burnell School
Linda Fisher Stafford, A.B.; Laboratory Instructor in Chemistry
John Wendell Swardstrom, B.S., M.A.; Assistant Professor of
Physical Sciences
Edward Carl Swenson, B.S., Ed.M.; Associate Professor of Physical
Education
Doris Emma Tebbetts, B.S., M.A.; Associate Professor of Art, and
Chairman of the Department of Art
James Texeira, B.A., M.A.; Visiting Lecturer in Modern Foreign
Languages
Mary Lou Thornburg, B.S., M.S.; Assistant Professor of Physical
Education
Elizabeth Tormey, B.S., M.Ed.; Visiting Lecturer in Reading
Cora May Vining, B.S., A.M.; Associate Professor of Library Science
William James Wall, B.S., M.S., Ph.D.; Professor of Zoology
Mildred Ragsdale Wellman, B.A., M.S.; Instructor in Physical
Education
George Alexander Weygand, B.S., Ed.M., Ed.D.; Associate Professor
of Physics
Carol Ann Wolfgram, B.S., M.A.; Instructor in Physical Education
Vincent James Worden, B.S., Ed.M.; Instructor in Education
THE MASSACHUSETTS STATE COLLEGE AT BRIDGEWATER

The College is located in the town of Bridgewater, a pleasant, residential community located three miles from an expressway leading to major highways to New York, Boston, and Cape Cod. Motor time to Boston is approximately 45 minutes; to New York, four and one-half hours; and to Cape Cod, one hour. Bus service to Boston is available.

ACADEMIC STANDING OF THE COLLEGE

The College is accredited by the National Council for Accreditation of Teacher Education and holds membership in the New England Association of Secondary Schools and Colleges.

ADMINISTRATIVE ORGANIZATION OF PROGRAMS

The College conducts a day session for full-time undergraduates who have been matriculated for the degree of Bachelor of Arts, or for the degree of Bachelor of Science in Education, as well as afternoon and evening programs for full and part-time undergraduate and graduate students. The latter programs are for students who wish to take courses for self improvement or certification, or for those who have been matriculated for one of the following degrees: Bachelor of Arts, Bachelor of Science in Education, or Master of Education.

Information relative to undergraduate degree programs is obtained from the Dean of Undergraduate studies.

Information relative to graduate degree programs is obtained from the Dean of the Graduate School.

All courses offered afternoons, evenings, and Saturday mornings are scheduled through the Division of Continuing Studies. Information and guidance relative to degree programs is not given through this Division.

ACADEMIC FACILITIES

Boyden Hall is located on the upper campus, between School and Grove Streets. Named for Albert Gardner Boyden, the third principal of Bridgewater State Normal School and Arthur Clark Boyden, the first President of Bridgewater State Teachers College, it contains administrative and business offices, the Horace Mann Auditorium, classrooms, and offices for faculty members.

Burnell School, named after its second Principal, Martha Mae Burnell, is located on Grove Street, west of Boyden Hall. The school conducts classes from kindergarten through grade four. Students who are matriculated for the degree of Bachelor of Science in Education spend eight weeks observing and teaching classes at the Burnell School.
Conant Science Building is located on Park Avenue, on the lower campus. It is named for Marshall Conant, the second Principal of Bridgewater State Normal School, who was instrumental in expanding the scientific studies of this institution. The building contains the Departments of Biological Sciences, Chemistry, Earth Sciences, Mathematics, Physics and the Department of Instructional Media.

Kelly Gymnasium is located on Park Avenue, on the lower campus. Named for Dr. John Joseph Kelly, who served as the third President of the College, it contains two gymnasiums, an Olympic pool and other facilities for The Departments of Physical Education for Men and Women.

Clement C. Maxwell Library is located east of Boyden Hall on School Street. The library was named for Dr. Clement Carpenter Maxwell, the fourth President of the College. The building which serves as a temporary library pending construction of a new one consists of a lower floor, containing the stacks and library offices; the main reading room; the Julia Carter room used for meetings; and an upper floor, consisting of two classrooms for courses in library science; and a mezzanine containing student carrels. The library contains 50,000 volumes, 429 journals, 2000 pamphlets, and 14 newspapers.

Stevens Greenhouse and Boyden Botanical Gardens are located on Park Avenue, on the lower campus between Pope Hall and the Conant Science building. The facilities, which are managed by a horticulturist, are used by the Department of Biological Sciences for instruction and research.

STUDENT HOUSING

At present, dormitory housing is not available for graduate students but there are a number of approved off-campus houses available for students who wish to pursue a full-time graduate program. A list of available housing may be obtained by writing the Dean of Students, Dr. Ellen M. Shea.

During the second term of the academic year 1966 - 1967 a limited number of dormitory rooms may be made available to graduate students who are willing to assume some supervisory duties. For further information, please write Dean Ellen M. Shea.
THE GRADUATE SCHOOL

The Graduate School offers programs leading to the degree of Master of Education in Elementary Education, Guidance, Secondary Education (with a concentration in a subject field), School Administration, Special Education, and Reading.

Candidates for the master's degree are required to follow the regulations governing the degree program that were in effect at the time of their matriculation. Copies of these regulations are available at the Graduate Office. The effective dates for these programs are as follows:

<table>
<thead>
<tr>
<th>REGULATIONS</th>
<th>INCLUSIVE DATES</th>
</tr>
</thead>
<tbody>
<tr>
<td>1963</td>
<td>January 1, 1963 - June 30, 1965</td>
</tr>
<tr>
<td>1965</td>
<td>July 1, 1965 - January 16, 1966</td>
</tr>
<tr>
<td>January 1966</td>
<td>January 17, 1966 - August 30, 1966</td>
</tr>
<tr>
<td>September 1966</td>
<td>September 1, 1966</td>
</tr>
</tbody>
</table>

OFFICE OF THE GRADUATE SCHOOL

The Office of the Graduate School, which is located in Room 211 of the Conant Science Building, is open from 9:00 a.m. to 5:00 p.m., Monday through Friday throughout the year.

Appointments with the Dean may be made by telephoning 697-6161 extension 301.

COURSES

Courses taken in partial fulfillment of the requirements for the degree of Master of Education are scheduled by the Division of Continuing Studies. Sessions are conducted afternoons and evenings, Monday through Thursday and on Saturday mornings during the Fall and Spring Terms. Summer Session classes are also scheduled by the Division of Continuing Studies.

Matriculated graduate students and those who plan to apply for admission to the Graduate School should read the section of this Bulletin entitled DIVISION OF CONTINUING STUDIES.

COMMENCEMENT

Commencement is held each year in the months of June and August. Candidates for the master's degree who expect to fulfill all requirements for the degree should request the form, Application for Degree, from the Graduate Office. This form should be completed and filed in the Graduate Office not later than March first for June Commencement and July seventh for August Commencement.
Students are expected to attend the Commencement and wear academic regalia appropriate for the degree of Master of Education.

Additional information relative to Commencement will be mailed to those who have filed the form mentioned above.

GENERAL REQUIREMENTS FOR THE DEGREE OF MASTER OF EDUCATION

Requirements for the degree shall be thirty-three semester hours, or thirty semester hours and a thesis, unless otherwise indicated.

Of the thirty-three semester hours of credit required, a maximum of six may be taken in approved off-campus courses or transferred from accredited graduate schools, with approval of the advisor. Summer courses offered at Hyannis for the State College at Bridgewater carry residence credit. Courses accepted for transfer must be of grade B or better. The student is responsible for requesting that all transcripts of approved transfer courses (including Hyannis) be sent to the Dean of the Graduate School.

All work for the degree, including transferred credits, must have been initiated six years prior to the completion of the degree program.

A comprehensive examination is required in all degree programs. This examination may be written and/or oral, and will be based upon the area of concentration as indicated under the Departmental Requirements for the specific degree. Those who take the comprehensive examination will be notified of the results by mail.

A candidate who plans to take the Comprehensive Examination should file the form entitled "Request to take the Comprehensive Examination." This form must be filed in the Office of the Graduate School no later than one month before the Examination date.

A candidate who fails a comprehensive examination shall be given only one further opportunity to take it. Candidates who take the Examination a second time must take it on the next regularly scheduled date.

Graduate course achievement will be rated A, B, C, F, W-P (Withdrawn-Passing), and W-F (Withdrawn-Failing). Graduate students who receive grades of C or below in more than two courses must withdraw from the program unless special permission to continue is recommended by the Graduate Committee and the Dean of the Graduate School.

One-half semester of successful student teaching under college supervision, or one full semester of successful classroom teaching
experience, is a prerequisite for the degree of Master of Education. (One-half semester of successful practice teaching taken as an undergraduate will satisfy this requirement).

ADMISSION

Application

Students seeking admission to graduate status at the Massachusetts State College at Bridgewater must hold a bachelor's degree from an institution of acceptable standing.

The College reserves the right to prescribe certain undergraduate courses, when, in the opinion of the Graduate Committee, a candidate is not sufficiently prepared in certain critical areas.

Each candidate for admission to a degree program is required to submit the following to the Dean of The Graduate School:

A formal application. Application forms may be obtained from the Graduate Office.

The results of the Aptitude Test of the Graduate Record Examination. The candidate must arrange to have his scores sent from the Educational Testing Service to the Dean of The Graduate School. Photostatic copies are not acceptable.

An official transcript, bearing the seal of the college, of his undergraduate record. The transcript must be forwarded by the registrar of the college to the Dean. Graduates of the Massachusetts State College at Bridgewater should request the College Registrar to send a copy of their undergraduate work to the Dean of The Graduate School.

Two recommendations which indicate an estimate of the candidate's ability to successfully pursue a graduate program. Only recommendations from members of a college faculty who have taught a candidate at the collegiate level are acceptable. Forms for recommendations are available at the Graduate Office.

An application is not complete unless all of the above five documents have been received by the Dean of The Graduate School.

ACTION BY THE GRADUATE COMMITTEE

The Graduate Committee meets monthly to consider completed applications.

The Committee, after examining each applicant's credentials, makes its recommendations to the Dean of the Graduate School. The Committee may recommend:
That the applicant be admitted as a candidate for a master's degree.

That the applicant be admitted as a special student and that he be reconsidered for admission to candidacy for the degree after the satisfactory completion of fifteen semester hours of graduate work. A special student should file a form, *Petition for the Removal of Probationary Status*, when he has completed fifteen semester hours of graduate work with a grade of B or better in each course.

That the applicant be admitted conditionally pending the receipt of a baccalaureate degree. A college senior, who is admitted to the program on condition, should request his college to forward a complete transcript as soon as possible.

That the applicant be rejected.

Six semester hours of appropriate course work, completed by the candidate prior to matriculation, may be allowed in partial fulfillment of the degree requirements. The successful completion of graduate courses before application shall not obligate the Graduate Committee to recommend the applicant for acceptance.

**ACTION BY THE DEAN OF THE GRADUATE SCHOOL**

The Dean, after reviewing the recommendations of the Graduate Committee, makes the final decision, and notifies the applicant. At the same time the Dean sends the candidate’s name to the chairman of the department in which he proposes to concentrate. The chairman assigns an advisor to the candidate.

It is important that the candidate telephone his advisor at the college and make an appointment for planning his program. Each candidate should have a copy of all required work for the degree. This copy should be signed by his advisor.

**SELECTIVE SERVICE**

Matriculated, full-time students, in good standing may be considered for deferment by their local Selective Service Boards. It is required that graduate students who are requesting deferment submit *Selective Service Form 103* to their local Boards. This form is executed by the Graduate School and constitutes the official statement of the student's status for consideration by his local board.

Inasmuch as the law, as well as the regulations, may be modified, it is suggested that the student keep in touch with his Local Board.

**DEGREE PROGRAMS**

The following programs leading to the degree of Master of Edu-
cation have been developed by the appropriate faculties and the Graduate Curriculum Committee. A student should not take any courses, other than those listed under Required Courses, without approval of his faculty advisor.

**MASTER OF EDUCATION IN ELEMENTARY EDUCATION**

**Required Courses**

All candidates for the degree must complete the following courses:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ED 500</td>
<td>Research and Evaluation</td>
<td>3</td>
</tr>
<tr>
<td>ED 560</td>
<td>Principles and Practices of School Administration</td>
<td>3</td>
</tr>
<tr>
<td>ED 430</td>
<td>Principles and Practices in Guidance</td>
<td>3</td>
</tr>
<tr>
<td>ED 450</td>
<td>Elementary School Curriculum</td>
<td>3</td>
</tr>
<tr>
<td>ED 554</td>
<td>Seminar in Elementary Education</td>
<td>3</td>
</tr>
</tbody>
</table>

**Elective Courses**

Six hours will be elected from the following:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ED 520</td>
<td>Psychological Foundations of Education</td>
<td>3</td>
</tr>
<tr>
<td>ED 580</td>
<td>Philosophical Foundations of Education</td>
<td>3</td>
</tr>
<tr>
<td>ED 590</td>
<td>Sociological Foundations of Education</td>
<td>3</td>
</tr>
</tbody>
</table>

Twelve hours will be elected from Elementary Methods and Materials or from subject fields. These will be chosen at the discretion of the advisor in keeping with professional goal, experience, and courses already taken prior to matriculation. Six of these twelve hours must be chosen from the following:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ED 330</td>
<td>Teaching of Reading in the Elementary School</td>
<td></td>
</tr>
<tr>
<td>ED 340</td>
<td>Language Arts, Materials and Methods in Elementary Education</td>
<td></td>
</tr>
<tr>
<td>ED 350</td>
<td>Elementary School Mathematics, Methods and Materials</td>
<td></td>
</tr>
<tr>
<td>ED 360</td>
<td>Methods and Materials in Elementary Music</td>
<td></td>
</tr>
<tr>
<td>ED 362</td>
<td>Methods and Materials in Elementary Art</td>
<td></td>
</tr>
<tr>
<td>ED 460</td>
<td>Science Methods and Materials in Elementary Education</td>
<td></td>
</tr>
<tr>
<td>ED 470</td>
<td>Social Studies Methods and Materials in Elementary Education</td>
<td></td>
</tr>
<tr>
<td>ED 452</td>
<td>Methods and Materials in Elementary Education</td>
<td></td>
</tr>
</tbody>
</table>

**Departmental Requirements**

In courses in Elementary Education, a minimum grade of B is required for degree credit.

At the discretion of the advisor, teaching experience or courses taken prior to matriculation may be accepted without credit in lieu of required courses, thus permitting the election of other courses in Elementary Education for credit.
Candidates must pass a comprehensive examination in the general field of Elementary Education.

Prerequisites

Prerequisites for this degree include three semester hours credit in each of the following:

ED 200 General Psychology  
ED 224 Child Growth and Development  
ED 420 Educational Measurement  
ED 380 Introduction to Philosophy  
ED 480 Philosophy of Education

One full semester of successful classroom teaching experience in an accredited public or private school,  
or  
One-half semester of successful student teaching under college supervision.

MASTER OF EDUCATION IN GUIDANCE

Required Courses

All candidates must complete the following courses:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ED 500 Research and Evaluation</td>
<td>3</td>
</tr>
<tr>
<td>ED 450 Elementary School Curriculum or ED 443 Secondary School Curriculum</td>
<td>3</td>
</tr>
<tr>
<td>ED 560 Principles and Practices of School Administration</td>
<td>3</td>
</tr>
<tr>
<td>ED 430 Principles and Practices of Guidance</td>
<td>3</td>
</tr>
<tr>
<td>ED 434 Educational and Vocational Information</td>
<td>3</td>
</tr>
<tr>
<td>ED 530 Counseling Theory and Practice</td>
<td>3</td>
</tr>
</tbody>
</table>

Elective Courses

Six hours will be elected from the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ED 520 Psychological Foundations of Education</td>
<td>3</td>
</tr>
<tr>
<td>ED 580 Philosophical Foundations of Education</td>
<td>3</td>
</tr>
<tr>
<td>ED 590 Sociological Foundations of Education</td>
<td>3</td>
</tr>
</tbody>
</table>

Nine hours will be elected from the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ED 227 Psychology of Exceptional Children</td>
<td>3</td>
</tr>
<tr>
<td>ED 432 Community Relations in Guidance</td>
<td>3</td>
</tr>
<tr>
<td>ED 436 Group Guidance</td>
<td>3</td>
</tr>
<tr>
<td>ED 431 Organization and Administration of Guidance Programs</td>
<td>3</td>
</tr>
<tr>
<td>ED 532 Practicum in Counseling</td>
<td>3</td>
</tr>
<tr>
<td>ED 435 Principles and Practices in Placement</td>
<td>3</td>
</tr>
<tr>
<td>ED 533 Psychological Tests in Guidance</td>
<td>3</td>
</tr>
</tbody>
</table>
Departmental Requirements

In courses in Guidance, a minimum grade of B is required for degree credit.

At the discretion of the advisor, experience in Guidance or courses taken prior to matriculation may be accepted without credit in lieu of required courses, thus permitting the election of other courses in Guidance for credit.

Candidates must pass a comprehensive examination in the general field of Guidance.

Although teaching experience is not required for admission to the program, certification in Guidance in the Commonwealth of Massachusetts requires a teaching certificate appropriate to the electional level of the counseling.

Prerequisites

Prerequisites for this degree include three semester hours credit in each of the following:

ED 380 Introduction to Philosophy
ED 480 Philosophy of Education
ED 420 Educational Measurement
ED 200 General Psychology
ED 224 Child Growth and Development
or
ED 226 Adolescent Psychology

MASTER OF EDUCATION IN READING

Required Courses

All candidates must complete the following courses:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ED 500 Research and Evaluation</td>
<td>3</td>
</tr>
<tr>
<td>ED 450 Elementary School Curriculum or ED 443</td>
<td>3</td>
</tr>
<tr>
<td>ED 332 Diagnosis and Correction of Reading Difficulties</td>
<td>3</td>
</tr>
<tr>
<td>ED 542 Improving Reading Instruction</td>
<td>3</td>
</tr>
<tr>
<td>ED 544 Seminar in Reading and Language Arts</td>
<td>3</td>
</tr>
</tbody>
</table>

Elective Courses

Six hours will be elected from the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ED 580 Philosophical Foundations of Education</td>
<td>3</td>
</tr>
<tr>
<td>ED 520 Psychological Foundations of Education</td>
<td>3</td>
</tr>
<tr>
<td>ED 590 Sociological Foundations of Education</td>
<td>3</td>
</tr>
</tbody>
</table>
Each candidate will round out his specialization with nine hours of appropriate course work selected at the discretion of the advisor in keeping with professional goals, experience, and courses already taken. Choices will be made from the following fields:

- Administration and Supervision
- Educational Methods and Materials
- Linguistics
- Psychology and Measurement
- Oral Communication and Speech

Departmental Requirements

In courses directly related to the reading specialization, a minimum grade of B is required for degree credit.

At the discretion of the advisor, courses taken prior to matriculation may be accepted without credit in lieu of required courses, thus permitting the election of other courses appropriate to the specialization for credit.

Candidates must submit a major paper as part of the requirements for the Seminar in Reading and Language Arts. This paper must be completed before the candidate may take the comprehensive examination.

Candidates must pass a comprehensive examination in the general field of Reading Instruction and Remedial Procedures.

Prerequisites

Prerequisites for this degree include:

a. At least one year of successful teaching in an accredited public or private school.

b. Three semester hours credit in each of the following:

- ED 380 Introduction to Philosophy
- ED 400 Philosophy of Education
- ED 420 Educational Measurement
- ED 200 General Psychology
- ED 224 Child Growth and Development or ED 226 Adolescent Psychology
- ED 330 Teaching Reading in the Elementary School or ED 331 Development Reading in the Secondary School

MASTER OF EDUCATION IN SCHOOL ADMINISTRATION

Required Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ED 500</td>
<td>3</td>
</tr>
</tbody>
</table>

ED 450  Elementary School Curriculum or ED 443  Secondary School Curriculum  3
ED 430  Principles and Practices of Guidance  3
ED 560  Principles and Practices of School Administration  3
ED 561  Elementary School Administration or ED 562  Secondary School Administration  3
ED 568  Seminar in Problems of School Administration  3

Elective Courses

Six hours will be elected from the following:

ED 520  Psychological Foundations of Education  3
ED 580  Philosophical Foundations of Education  3
ED 590  Sociological Foundations of Education  3

Nine hours will be elected from the following:

ED 494  Legal Aspects of School Administration  3
ED 563  Personnel Administration  3
AV 453  Public Relations  3
ED 564  Public School Supervision  3
ED 565  School Finance and Business Administration  3
ED 566  School Plant Administration  3

Departmental Requirements

In courses in Administration, a minimum grade of B is required for degree credit.

At the discretion of the advisor, experience in administration or courses taken prior to matriculation may be accepted without credit in lieu of required courses, thus permitting the election of other courses in Administration for credit.

Candidates must pass a comprehensive examination in the general field of School Administration.

Prerequisites

Prerequisites for this degree include:

a. At least one year of successful teaching in an accredited public or private school.

b. Three semester hours credit in each of the following:

ED 380  Introduction to Philosophy
ED 480  Philosophy of Education
ED 420  Educational Measurement
ED 200 General Psychology  
ED 224 Child Growth and Development  
or  
ED 226 Adolescent Psychology

The concentration in Administration is for persons wishing to prepare for school administration at the level of elementary or secondary principalships (including assistant principals and department heads) and also as a beginning experience for school district office administration.

It is to be understood that further work beyond this degree would be required for preparation for superintendencies and other specialized administrative areas. The latter might include curriculum directors and assistant superintendents with special responsibilities for business management, school plant, personnel, and pupil services.

MASTER OF EDUCATION IN SECONDARY EDUCATION

Required Courses

All candidates for the degree must complete the following courses:

<table>
<thead>
<tr>
<th>Course</th>
<th>CREDITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>ED 500 Research and Evaluation</td>
<td>3</td>
</tr>
<tr>
<td>ED 560 Principles and Practices of School Administration</td>
<td>3</td>
</tr>
<tr>
<td>ED 430 Principles and Practices in Guidance</td>
<td>3</td>
</tr>
<tr>
<td>ED Methods and Materials in Field of Concentration</td>
<td>3</td>
</tr>
</tbody>
</table>

Elective Courses

Six hours will be elected from the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>CREDITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>ED 520 Psychological Foundations of Education</td>
<td>3</td>
</tr>
<tr>
<td>ED 580 Philosophical Foundations of Education</td>
<td>3</td>
</tr>
<tr>
<td>ED 590 Sociological Foundations of Education</td>
<td>3</td>
</tr>
</tbody>
</table>

Fifteen hours will be elected from one of the following fields:

Biological Sciences  Mathematics  
Chemistry  Modern Languages  
Earth Sciences  Physical Sciences  
English  Physics  
History  Social Sciences

Departmental Requirements

In courses in Secondary Education, a minimum grade of B is required for degree credit.

At the discretion of the advisor, secondary related experience or courses taken prior to matriculation may be accepted without credit.
in lieu of required courses, thus permitting the election of other courses in Secondary Education for credit.

Candidates must pass a comprehensive examination in the subject field involved and its implementation in the secondary school.

Prerequisites

Prerequisites for this degree include three semester hours credit in each of the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ED 200</td>
<td>General Psychology</td>
</tr>
<tr>
<td>ED 224</td>
<td>Adolescent Psychology</td>
</tr>
<tr>
<td>ED 420</td>
<td>Educational Measurement</td>
</tr>
<tr>
<td>ED 380</td>
<td>Introduction to Philosophy</td>
</tr>
<tr>
<td>ED 480</td>
<td>Philosophy of Education</td>
</tr>
<tr>
<td>ED 443</td>
<td>Secondary School Curriculum</td>
</tr>
</tbody>
</table>

One full semester of successful classroom teaching experience in an accredited public or private school, or

One-half semester successful student teaching under college supervision.

MASTER OF EDUCATION IN SPECIAL EDUCATION

Required Courses

All candidates must complete the following courses:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ED 500</td>
<td>Research and Evaluation</td>
<td>3</td>
</tr>
<tr>
<td>ED 430</td>
<td>Principles and Practices of Guidance</td>
<td>3</td>
</tr>
<tr>
<td>ED 560</td>
<td>Principles and Practices of School Administration</td>
<td>3</td>
</tr>
<tr>
<td>ED 410</td>
<td>Introduction to Special Education</td>
<td>3</td>
</tr>
<tr>
<td>ED 411</td>
<td>Methods and Materials in Special Education</td>
<td>3</td>
</tr>
<tr>
<td>ED 228</td>
<td>Sub-normal Psychology</td>
<td>3</td>
</tr>
</tbody>
</table>

Elective Courses

Six hours will be elected from the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ED 520</td>
<td>Psychological Foundations of Education</td>
<td>3</td>
</tr>
<tr>
<td>ED 580</td>
<td>Philosophical Foundations of Education</td>
<td>3</td>
</tr>
<tr>
<td>ED 590</td>
<td>Sociological Foundations of Education</td>
<td>3</td>
</tr>
</tbody>
</table>

Nine hours will be elected from the following: (or six hours and a thesis)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ED 412</td>
<td>Organization and Administration of Special Education</td>
</tr>
<tr>
<td>ED 413</td>
<td>Industrial Arts in Special Education</td>
</tr>
<tr>
<td>ED 417</td>
<td>Arts and Crafts in Special Education</td>
</tr>
</tbody>
</table>
ED 414 Domestic Arts in Special Education  
ED 416 Teaching the Slow Learner  
ED 227 Psychology of Exceptional Children

Departmental Requirements

In courses in Special Education, a minimum grade of B is required for degree credit.

At the discretion of the advisor, experience or courses in Special Education, taken outside Bridgewater prior to matriculation, may be accepted without credit in lieu of required courses, thus permitting the election of other courses in Special Education for credit.

Candidates must pass a comprehensive examination in the general field of Special Education.

Prerequisites

Prerequisites for this degree include three semester hours credit in each of the following:

ED 200 General Psychology  
ED 224 Child Growth and Development  
or  
ED 226 Adolescent Psychology  
ED 380 Introduction to Philosophy  
ED 480 Philosophy of Education  
ED 420 Educational Measurement  
ED 362 Methods and Materials in Elementary Art  
or  
ED Methods and Materials in Crafts

DIVISION OF CONTINUING STUDIES

The Division of Continuing Studies schedules courses for graduate, undergraduate, and audit credit during the fall, spring, and summer terms. Courses are open to matriculated students and non-matriculated students who are high school graduates.

Classes during the fall and spring are held in the late afternoon and evening Monday through Thursday, and on Saturday morning. Summer school classes are conducted mornings, Monday through Friday, and evenings, Monday, Wednesday, and Thursday.

Students should consult the calendar on page 7 of this Bulletin and the class schedules which may be found under each department beginning on page 45.

In general, courses with an enrollment of fewer than fifteen students will be cancelled.
OFFICE HOURS

The Office of the Division of Continuing Studies, which is located on the first floor of Boyden Hall, is open Monday through Friday from 9:00 a.m. to 5:00 p.m. throughout the year.

In addition, it is also open as follows:

**Fall Term** - Monday through Thursday from 7:00 p.m. to 8:00 p.m.

**Spring Term** - Monday through Thursday from 7:00 p.m. to 8:00 p.m. and on Saturday from 10:00 a.m. to 12:00 noon

**Summer Term** - Monday, Wednesday, and Thursday from 6:00 p.m. to 7:00 p.m.

REGISTRATION

REGISTRATION SCHEDULE

All registrations must be made in person on the designated days. Registration will be held in the Kelly Gymnasium according to the following schedule:

**Fall Term (1966)**

September 6, 7, and 8 from 1:00 p.m. to 5:00 p.m.

**Spring Term (1967)**

January 17 from 1:00 p.m. to 6:00 p.m. and January 18 and 19 from 1:00 p.m. to 5:00 p.m.

**Summer Term**

June 13 from 1:00 p.m. to 6:00 p.m. and June 14 and 15 from 1:00 p.m. to 5:00 p.m.

CLASS SCHEDULING

Classes will be held in Boyden Hall, the Conant Science Building, the Maxwell Library, and the Kelly Gymnasium.

A list of classes and room assignments, except as noted below, will be posted in the corridor outside of the Office of the Division of Continuing Studies prior to the first day of classes each term.

Room assignments for classes in Physical Education will be posted inside the main door of the Kelly Gymnasium.

Classes in Library Science will be posted on the bulletin board in the lobby of the Maxwell Library.
Science and Mathematics classes will be posted just inside the main door of the Conant Science Building.

MAXIMUM HOURS

Students are limited to not more than six (6) semester hours of classwork during the summer session. This regulation may be modified if a student presents a letter at the time of registration from the Academic Dean or Dean of the Graduate School of his college giving him permission to take more than six semester hours of work. Teachers in service who are working toward their master's degrees, may not take more than six (6) semester hours of work in a given term. All matriculated students are subject to the regulations of their school.

PREREQUISITES

Students should make certain that they have taken the necessary prerequisite or prerequisites (if any) for each course. Failure to do so may result in loss of any credit earned in a course having prerequisites.

REGISTRATION FEES

A Registration Fee of $2.50 is required of ALL students. A Late Registration Fee of $2.00 is required of ALL students who register after the first meeting of a course. A Change of Registration Fee of $2.00 is required of ALL students who make any change in registration.

N.B. Under no circumstances will any of the above registration fees be refunded.

TUITION

Massachusetts residents - $18.00 per semester hour of credit.
$11.00 per semester hour for auditors.
Non-residents of Massachusetts - $25.00 per semester hour of credit.
$11.00 per semester hour for auditors
Veterans - see section entitled Veterans.

PAYMENT

Payment for tuition and registration must be made by check on the DAY OF REGISTRATION.

Checks should be made out to: State College at Bridgewater. Only checks made out to the State College at Bridgewater can be accepted.

Be sure to include both registration fee (which is the same, regardless of the number of courses taken) and tuition.
Example: Two courses each carrying three semester hours of credit for a resident.
\[(2 \times 3 \times $18.00 + 2.50 = $110.50)\]

WITHDRAWAL

A student may withdraw from a course, without academic penalty, up to the close of the third meeting. In such a case, no grade will be given. Refunds are made to eligible students according to the section on Refunds below.

REFUNDS

Refunds for withdrawal from a course or courses will be made according to the following schedules:

Summer Term

<table>
<thead>
<tr>
<th>Morning Classes:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>100%</td>
</tr>
<tr>
<td>First meeting but before the second meeting</td>
<td></td>
</tr>
<tr>
<td>After second meeting but</td>
<td></td>
</tr>
<tr>
<td>before the sixth meeting</td>
<td>60%</td>
</tr>
<tr>
<td>After the sixth meeting but</td>
<td></td>
</tr>
<tr>
<td>before the eleventh meeting</td>
<td>20%</td>
</tr>
<tr>
<td>Eleventh meeting through the thirtieth meeting</td>
<td>no refund</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Evening Classes:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Refunds are made according to the Fall and Spring Term Schedule.</td>
<td></td>
</tr>
</tbody>
</table>

Fall and Spring Terms

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>100%</td>
</tr>
<tr>
<td>First meeting but before the second meeting</td>
<td></td>
</tr>
<tr>
<td>After second meeting but</td>
<td></td>
</tr>
<tr>
<td>before the third meeting</td>
<td>80%</td>
</tr>
<tr>
<td>After third meeting but</td>
<td></td>
</tr>
<tr>
<td>before the fourth meeting</td>
<td>60%</td>
</tr>
<tr>
<td>Fourth meeting through the fifteenth meeting</td>
<td>no refund</td>
</tr>
</tbody>
</table>

A student who is entitled to a refund must obtain a form for each course for which a refund is due, have the form signed by the instructor of the course, and file it in the Office of the Division of Continuing Studies. Forms are available at the Division’s Office.

ACADEMIC POLICIES

ADMISSION TO DEGREE STANDING

Candidates for undergraduate degree standing (Bachelor of Arts or Bachelor of Science in Education) are admitted through and are under the jurisdiction of the Dean of Undergraduate Studies. Candidates for Graduate Degree Standing (Master of Education) are
adMITTED through and are under the jurisdiction of the Dean of the Graduate School. Students are cautioned against taking courses without making a careful study of degree requirements. In many cases courses taken prior to matriculation cannot be used to fulfill course requirements for a degree. It should be noted that successful completion of courses does not obligate the admissions committees to accept a student for matriculation.

Students who plan to apply for admission to the Graduate School should read the section of this Bulletin on that School.

Students who plan to apply for admission to an undergraduate degree program should obtain a catalogue of the day school from the Admissions Office (Undergraduate).

The following information from the Director of Admissions (Undergraduate) may be helpful to prospective undergraduate students.

Students who enroll for courses in the Division of Continuing Studies, and who desire to apply earned credit toward the degree of Bachelor of Arts or Bachelor of Science in Education, must apply for admission status.

Such candidates should arrange to consult with the Director of Admission (Undergraduate). Admission to the college may follow, and a candidate will be designated as a matriculating (degree) or non-matriculating (non-degree) student on the basis of credentials offered in support of candidacy.

Matriculating Candidates

Candidates whose high school record, Scholastic Aptitude Test scores, and past college transcripts (if applicable) would warrant admission to the day school are admitted to degree status. Such candidates will be assigned to a faculty adviser, and must meet all degree requirements for the baccalaureate as are set forth in the day school catalogue.

Non-Matriculating Candidates

Candidates whose high school record, Scholastic Aptitude Test scores and past college transcripts (if applicable) would not warrant admission to the day school, are admitted to non-degree status until a prescribed number of courses, as determined by the Director of Admissions, have been successfully completed. Such a candidate may then apply for matriculation.

Anyone who has earned a high school diploma or an equivalent certificate may apply for this type of admission.
PART-TIME AND FULL-TIME DEGREE PROGRAMS

A matriculated graduate student may pursue a full-time program of twelve to fifteen hours each fall and spring term, or a part-time program of three to six hours each fall and spring term.

A student taking all of his course work at the undergraduate level in the Division of Continuing Studies may pursue a full-time program of fifteen semester hours, or a part-time program of ten to twelve hours, with permission of the Dean of Undergraduate Studies, each fall and spring term.

Students matriculated for the baccalaureate degree in the day school may take courses in the Division of Continuing Studies, provided permission has been granted by the Dean of Undergraduate Studies.

Credit will be allowed only under the conditions stated above.

ATTENDANCE

Students should make every effort to attend all scheduled classes, and attempt to make up any work missed through absence.

An instructor may require extra work from students who miss more than three class meetings.

GRADUATE RECORD EXAMINATIONS

The Graduate Record Examinations are given at this College three times each year. Please consult the calendar on page 7 for
dates. Information relative to the Graduate Record Examinations may be obtained at the Graduate Office. Students who plan to apply for degree candidacy should take the required portions of the Graduate Record Examinations as soon as possible. (See section on Admissions under the Graduate School)

SELECTIVE SERVICE

Students in good standing may be eligible for draft deferment by their local Selective Service Boards. Undergraduate students should discuss this matter with the Dean of Undergraduate Studies, and graduate students should consult the Graduate School section of this Bulletin.

FINANCIAL ASSISTANCE

SCHOLARSHIPS AND FELLOWSHIPS

There are at present no scholarships or fellowships for graduate students or undergraduate students taking all of their course work through the Division of Continuing Studies.

NATIONAL DEFENSE STUDENT LOANS

Eligibility

Matriculated undergraduate students, taking at least twelve-semester hours of work per semester, and matriculated graduate students taking at least six semester hours of work per semester, are eligible to apply for N.D.S.L.

Students applying for such loans must present a letter to the Financial Aid Officer from the appropriate dean, attesting to their matriculated status, and proof of registration for the required number of hours, from the Director of Continuing Studies.

Loan Amounts

Undergraduates (with matriculated status) may borrow up to a maximum of one thousand dollars ($1,000.00) per year; the total amount borrowed during the undergraduate degree program may not exceed ten thousand dollars ($10,000.00). Graduate students (with matriculated status) may borrow up to a maximum of two thousand, five-hundred dollars ($2,500.00) per year; the total amount borrowed for all degree programs, both undergraduate and graduate, may not exceed ten thousand dollars ($10,000.00).

The repayment period and interest begin nine months after a student has completed his program. Total payment is due 10 years and nine months after a student has completed his degree program.
Interest Rate

Interest is at the rate of three percent (3%) per year on the unpaid balance.

Special Compensation for Teachers

As much as one-half of the loan may be forgiven if the borrower becomes a full-time teacher at any level. The amount of forgiveness is ten percent (10%) of the amount borrowed for each year of teaching, up to a maximum of five years.

If the borrower teaches in eligible schools in low-income areas the rate of forgiveness may be fifteen percent (15%) per year.

Deferrment of Repayment

Repayments may be deferred up to three years if the borrower is serving in the Armed Forces, the Peace Corps, or Vista.

COLLEGE WORK-STUDY PROGRAM

Eligibility

Only matriculated undergraduates are eligible to apply for this program.

Working Time

Students may work up to 15 hours per week while attending classes full-time. During the vacation periods, students may work full-time.

Full-time students are those who are carrying at least 12 semester hours of credit per semester.

Undergraduate students, applying for work under the College Work-Study Program, must present a letter to the Financial Aid Officer, from the Dean of Undergraduate Studies, attesting to their matriculated status; and proof of registration for the required number of hours from the Director of Continuing Studies.

VETERANS

Any resident of Massachusetts who has served in any branch of the armed services for at least 90 days, one of which must have been served either between September 16, 1940 and December 31, 1946, or between June 25, 1950 and January 31, 1955, and who has a discharge other than dishonorable, may enroll without charge for instruction in any course here offered within the established limitation of 120 semester hours. To establish his eligibility, the veteran
must present, at the time of registration, his discharge (or photo­static copy) or certificate of satisfactory service (in case of officers,) together with proof of residence (a statement from his town or city clerk attesting to the fact that he is a resident of that town or city). Veterans must pay the registration fee of $2.50, and where applicable, fees for late registration and change of registration.

Those veterans who are eligible under the 1966 Federal law (Chapter 34; Title 38, U.S. Code) for educational benefits, should contact the Veterans Administration nearest them for information. Those who meet government requirements should apply to their local office and request two copies of the Certificate of Eligibility. Both copies should be filled out and filed in the Office of the Division of Continuing Studies.

STUDENT SERVICES

Students at both the undergraduate and graduate levels have problems and needs that often require special forms of help or guidance. Among these are questions and concerns about their educational programs and academic achievement, housing, finances, health, social adjustment, part-time work, and placement.

To assist students in making adjustments, intelligent plans and wise decisions, the College has provided professional staff services in the major areas of student needs.

GENERAL COUNSELING

The faculty-student relationship is the center of college counseling, for faculty are best qualified to guide the student in his academic and professional growth. Each graduate student works closely with a faculty advisor from whom he receives help and guidance in the pursuit of his graduate program. Additional guidance by a professional counselor may be arranged through the office of the Dean of Students.

RELIGIOUS COUNSELING

From its beginning, the State College at Bridgewater has been committed to a positive appreciation for the religious values in both our past history and contemporary culture. To emphasize the affirmative role of religion in the life and thought of this academic community, the Christian Fellowship, Menorah Club, and Newman Club have been formed to minister to those of the Protestant, Jewish, and Catholic faiths. A Christian Fellowship House and a Newman Chapel and Center are located near the campus. Chaplains for Catholic and Protestant students have offices on campus and meet frequently with students for individual conferences and with groups to provide religious counseling services.
HEALTH SERVICES

A hospital suite is located on the first floor of the S. Elizabeth Pope Hall (Tel. 697-6403). The services of a day and a night nurse are available to all students of the college. A doctor is on duty three days a week for four hours each day. The schedule of the medical staff is as follows:

<table>
<thead>
<tr>
<th>Role</th>
<th>Schedule</th>
</tr>
</thead>
<tbody>
<tr>
<td>Day Nurse</td>
<td>8:00 a.m. - 4:00 p.m.</td>
</tr>
<tr>
<td>Night Nurse</td>
<td>11:00 p.m. - 7:00 a.m.</td>
</tr>
<tr>
<td>College Physician</td>
<td>Mon., Wed., Fri. - 8:00 a.m. - 12:00 noon</td>
</tr>
</tbody>
</table>

CHANGE OF NAME AND/OR ADDRESS

Students should notify the Offices of the Graduate School and the Division of Continuing Studies immediately, by using the appropriate form, of any change in name or address. Failure to do this may cause unfortunate complications and delays which inconvenience students. Forms are available in both offices.

MOTOR VEHICLE REGULATIONS

Students should secure a copy of the Division of Traffic Control’s rules and regulations governing the use of motor vehicles. This may be obtained at the time of registration.

All motor vehicles brought on to this Campus must be registered and bear a proper decal. Decals are issued during registration and are valid during the period between September 1, and August 30, for the academic year in which they are purchased. A fee of one dollar ($1.00) is charged for the academic year or fraction thereof.

TEACHER CERTIFICATION

Teacher certification is the responsibility of the State Department of Education. All inquiries relative to certification should be addressed to the Director of the Division of Certification, State Department of Education, 200 Newbury Street, Boston, Massachusetts.

OTHER COLLEGE POLICIES

Information or additional information concerning such matters as smoking, bulletin boards, vending machines, messages and library should be obtained at the time of registration.

STUDENT COOPERATIVE BOOKSTORE

The Student Cooperative Bookstore is located in the basement of Boyden Hall. The store has a drug and cosmetic rack, as well as
supplies, souvenirs, textbooks, and leisure reading material. It offers a generous discount on most items.

For the convenience of the Program of Continuing Studies students, the Bookstore will be open whenever classes are being held.

Books may be paid for by cash or check. All checks should be made payable to: Student Cooperative, Bookstore, with the payee’s home address appearing on the check. The store does not handle used books. Books may be returned to the store for the following reasons only:

1) Book is defective.
2) Course is switched or cancelled before the third meeting of class (certified by the Director of Continuing Studies).

Returned books must be unmarked, in saleable condition, and accompanied by Bookstore sales receipt.
COURSE OFFERINGS

The following section contains courses scheduled through the Division of Continuing Studies.

CLASS SCHEDULES

Fall and spring classes are scheduled between the hours of 5:00 p.m. and 7:30 p.m. on Mondays and Wednesdays, 5:00 p.m. and 10:15 p.m. on Tuesdays and Thursdays, and 8:00 a.m. to 1:05 p.m. on Saturdays. Each course meets once per week.

Summer classes are scheduled between the hours of 8:30 a.m. and 12:45 p.m., Monday through Friday, and from 7:00 p.m. to 9:05 p.m. on Monday, Wednesday and Thursday. Each day course meets five times per week and each evening course meets three times per week.

A schedule for the offerings of each department is given in the following section just below the departmental heading.

GENERAL STATEMENT ON COURSES

Courses with a U following the title may be taken for undergraduate credit only.

Courses with a UG following the title may be taken for either graduate or undergraduate credit. Instructors in these courses may require additional work of students registered for graduate credit.

Courses with a G following the title may be taken for graduate credit only.

In order to receive undergraduate credit, a student must possess a high school diploma at the time of registering for a course.

In order to receive graduate credit, a student must possess a bachelor’s degree from a four-year college at the time of registering for a course.
DIVISION OF THE HUMANITIES

Dr. Harold Guy Ridlon, Director

The Division of The Humanities is comprised of the Departments of Art, English, Modern Foreign Languages, Music, and Speech and Drama.
DEPARTMENT OF ART
Associate Professor Doris Emma Tebbetts, Chairman

1966 - 1967

<table>
<thead>
<tr>
<th>COURSE</th>
<th>Fall</th>
<th>Spring</th>
<th>Summer</th>
</tr>
</thead>
<tbody>
<tr>
<td>AR 212 General Crafts</td>
<td></td>
<td></td>
<td>D</td>
</tr>
<tr>
<td>AR 391 History of Art</td>
<td></td>
<td>H</td>
<td></td>
</tr>
<tr>
<td>AR 394 Renaissance Art and Architecture</td>
<td></td>
<td>Q</td>
<td></td>
</tr>
<tr>
<td>AR 397 History of Contemporary Art and Architecture</td>
<td></td>
<td>L</td>
<td></td>
</tr>
</tbody>
</table>

See back cover for key to letter code

**AR 212 General Crafts UG**

This course offers experience with a variety of media and processes in the study of relationships among material, technique, and form. Provision for the individual's particular need for teaching and/or interest in personal development will be made. 3 semester hours credit.

**AR 391 History of Art UG**

This course is designed to acquaint the student with the major historical developments in art. The phenomenon of style is examined in conjunction with its relation to the historical process. Techniques of stylistic analysis are employed in the study of objects chosen from museum collections. There will be assigned readings and museum work. 3 semester hours credit.

**AR 394 Renaissance Art and Architecture UG**

This course is concerned with the development of the arts of architecture, painting, and sculpture with special emphasis on their interrelationships and their relation to the artistic theories and cultural ideals of the Renaissance. 3 semester hours credit.

**AR 397 History of Contemporary Art and Architecture UG**

This course involves a study of painting, sculpture, and architecture in Europe and America from 1800 to the present. Representative works of the various movements which have developed within the history of art will be studied. Attention will be paid to the basic philosophies underlying contemporary art. 3 semester hours credit.
The following courses have been tentatively scheduled for the NEXT academic year.

**AR 212 General Crafts UG**
**AR 383 Techniques of Drawing And Painting UG**
**AR 395 Baroque Art UG**
**AR 396 History of Nineteenth Century Art and Architecture UG**

**DEPARTMENT OF ENGLISH**

Professor Harold Guy Ridlon, Chairman

1966 - 1967

<table>
<thead>
<tr>
<th>COURSE</th>
<th>Fall</th>
<th>Spring</th>
<th>Summer</th>
</tr>
</thead>
<tbody>
<tr>
<td>EN 101</td>
<td>English Composition I</td>
<td>A, B, H</td>
<td>A, B, H</td>
</tr>
<tr>
<td>EN 102</td>
<td>English Composition II</td>
<td>A, B</td>
<td>A, B</td>
</tr>
<tr>
<td>EN 200</td>
<td>Advanced Composition</td>
<td>A</td>
<td></td>
</tr>
<tr>
<td>EN 211</td>
<td>Literary Classics of Western Civilization I</td>
<td>B</td>
<td></td>
</tr>
<tr>
<td>EN 212</td>
<td>Literary Classics of Western Civilization II</td>
<td></td>
<td>B</td>
</tr>
<tr>
<td>EN 221</td>
<td>Major English Writers I</td>
<td>H</td>
<td></td>
</tr>
<tr>
<td>EN 222</td>
<td>Major English Writers II</td>
<td></td>
<td>H</td>
</tr>
<tr>
<td>EN 300</td>
<td>The History and Structure of the English Language</td>
<td></td>
<td>H</td>
</tr>
<tr>
<td>EN 330</td>
<td>Modern American Literature</td>
<td></td>
<td>B</td>
</tr>
<tr>
<td>EN 331</td>
<td>U.S. Literature through the Nineteenth Century</td>
<td></td>
<td>B</td>
</tr>
<tr>
<td>EN 341</td>
<td>Shakespeare</td>
<td></td>
<td>H</td>
</tr>
<tr>
<td>EN 352</td>
<td>Victorian Prose and Poetry</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EN 360</td>
<td>The Victorian Novel</td>
<td></td>
<td>B</td>
</tr>
<tr>
<td>EN 383</td>
<td>Modern Irish Literature</td>
<td></td>
<td>B</td>
</tr>
<tr>
<td>EN 394</td>
<td>Modern Poetry</td>
<td></td>
<td>H</td>
</tr>
</tbody>
</table>

See back cover for key to letter code

*EN 101, 102 English Composition U*

The major objectives of English Composition are to make the student
aware of the possibilities of written expression, to instill in the student a sense of responsibility about the use of language, and to provide frequent directed practice in expository prose. In the first semester, the emphasis will be on the study of language and the improvement of writing skills; in the second semester, the emphasis will be on critical writing based on selected readings. Advanced placement is possible in this course. EN 101 is prerequisite to EN 102. 3 semester hours credit for each term.

**EN 200 Advanced Composition**  
UG

Expository writing is taught through frequent practice, analysis of models, and criticism by instructor and students. 3 semester hours credit.

**EN 211, 212 Literary Classics of Western Civilization**  
UG

Classic literature of Western Civilization will be studied in relation to historical background, but with particular emphasis on literary values. Among the works to be read are Homer's *Iliad*, tragedies of Aeschylus, Sophocles, and Euripides, Dialogues of Plato, selections from the Bible, Vergil's *Aeneid*, Dante's *Inferno*, Chaucer's *Canterbury Tales*, Cervantes' *Don Quixote*, plays by Shakespeare, Moliere, Goethe, and Shaw, and one or more modern novels. 3 semester hours credit for each term.

**EN 221, 222 Major English Writers**  
UG

This course will emphasize the major figures of English literature from Anglo-Saxon times to the modern period. Authors will be studied in relation to historical background but with particular stress on literary values. 3 semester hours credit for each term.

**EN 300 The History and Structure of the English Language**  
UG

The changes in the structure of the English language from Anglo-Saxon to modern English will be studied with attention to pertinent historical background. There will be an introductory study of structural linguistics and generative grammar. 3 semester hours credit.

**EN 330 Modern American Literature**  
UG

This course is designed to acquaint the student with the major literary trends in American writing of the twentieth century. The course focuses primarily on the novel, with examples from Dreiser, Hemingway, Fitzgerald, Lewis, Wilder, K. A. Porter, and Salinger. 3 semester hours credit.
In the first semester, the writings of the Puritans, Cooper, Brown, Poe, Emerson, Thoreau, Whitman, and Dickinson will be discussed; in the second semester, emphasis will be given to the novels and tales of Hawthorne, Melville, Twain and James. 3 semester hours credit.

EN 341 Shakespeare UG

In this course selected plays of Shakespeare will be studied. In each quarter three plays, generally two tragedies and one comedy, will be read with attention to both language and thought. 3 semester hours credit.

EN 352 Victorian Prose and Poetry UG

The major emphasis will be placed upon the poetry of Tennyson, Browning, and Arnold, but the works of other 19th century poets such as Hopkins and Hardy will also be read and discussed. The essays of Carlyle, Arnold, Newman, Huxley, and others will also be studied. 3 semester hours credit.

EN 360 The Victorian Novel UG

This course will concentrate on the major novelists of the 19th century: Dickens, Thackeray, Eliot, Meredith, and Hardy. Attention will be given to biographical and historical background. 3 semester hours credit.

EN 383 Modern Irish Literature UG

This course will include Irish writing from 1890 to the present, with special emphasis on the works of Yeats, Synge, O'Casey, Joyce, O'Connor, and O'Faolain. 3 semester hours credit.

EN 394 Modern Poetry UG

This course covers the major British and American poets of the 20th century with particular emphasis on the works of Hopkins, Yeats, Robinson, Eliot, Auden, and Thomas. 3 semester hours credit.

DEPARTMENT OF MODERN FOREIGN LANGUAGES

Assistant Professor Robert Charles Arruda, Chairman

1966 - 1967

<table>
<thead>
<tr>
<th>COURSE</th>
<th>Fall</th>
<th>Spring</th>
<th>Summer</th>
</tr>
</thead>
<tbody>
<tr>
<td>LF 101 Elementary French I</td>
<td>A</td>
<td>P</td>
<td></td>
</tr>
<tr>
<td>COURSE</td>
<td>Fall</td>
<td>Spring</td>
<td>Summer</td>
</tr>
<tr>
<td>-------------------------------</td>
<td>------</td>
<td>--------</td>
<td>--------</td>
</tr>
<tr>
<td>LF 102 Elementary French II</td>
<td></td>
<td>A</td>
<td>Q</td>
</tr>
<tr>
<td>LF 151 Intermediate French I</td>
<td>F</td>
<td>Q</td>
<td></td>
</tr>
<tr>
<td>LF 152 Intermediate French II</td>
<td>F</td>
<td>R</td>
<td></td>
</tr>
<tr>
<td>LG 101 Elementary German I</td>
<td>H</td>
<td></td>
<td>Q</td>
</tr>
<tr>
<td>LG 102 Elementary German II</td>
<td>H</td>
<td></td>
<td>R</td>
</tr>
<tr>
<td>LG 151 Intermediate German I</td>
<td>L</td>
<td></td>
<td>R</td>
</tr>
<tr>
<td>LG 152 Intermediate German II</td>
<td>L</td>
<td>P</td>
<td></td>
</tr>
<tr>
<td>LS 101 Elementary Spanish I</td>
<td>C</td>
<td></td>
<td>R</td>
</tr>
<tr>
<td>LS 102 Elementary Spanish II</td>
<td>C</td>
<td></td>
<td>Q</td>
</tr>
<tr>
<td>LS 151 Intermediate Spanish I</td>
<td>M</td>
<td></td>
<td>Q</td>
</tr>
<tr>
<td>LS 152 Intermediate Spanish II</td>
<td>M</td>
<td></td>
<td>P</td>
</tr>
<tr>
<td>LI 101 Elementary Italian I</td>
<td>B</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LI 102 Elementary Italian II</td>
<td>B</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LI 151 Intermediate Italian I</td>
<td>H</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LI 152 Intermediate Italian II</td>
<td>H</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LP 101 Elementary Portuguese I</td>
<td>B</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LP 102 Elementary Portuguese II</td>
<td>B</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LP 151 Intermediate Portuguese I</td>
<td>H</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LP 152 Intermediate Portuguese II</td>
<td>H</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

See back cover for key to letter code

**LF 101, 102 Elementary French U**

This course offers an aural-oral approach to the grammar of the French language. Emphasis will be on the mastery of correct pronunciation and essential grammatical points to ensure basic oral and reading command of the language. LF 101 is prerequisite to LF 102. 3 semester hours credit for each term.

**LF 151, 152 Intermediate French UG**

This course is a continuation of Elementary French with stress on essential grammatical points, oral work, and reading knowledge of the language. An introduction to some aspects of French literature will also be included. LF 151 is prerequisite to LF 152. 3 semester hours credit for each term.

**LG 101, 102 Elementary German U**

This course offers an audio-lingual approach to the study of the German language. Emphasis will be on the mastery of correct pronunciation and of essential grammatical points to ensure a basic
oral and reading command of the language. LG 101 is prerequisite to LG 102. 3 semester hours credit for each term.

LG 151, 152 Intermediate German  UG

This course includes a systematic review of basic German grammar and pronunciation. Graded reading selections will accompany the review to develop and improve the students' reading and conversational knowledge of the language. An introduction to some aspects of German culture will also be included. LG 151 is prerequisite to LG 152. 3 semester hours credit for each term.

LS 101, 102 Elementary Spanish  U

An audio-lingual approach to the essentials of Spanish pronunciation, grammar, reading, and writing proficiency will be stressed. LS 101 is prerequisite to LS 102. 3 semester hours credit for each term.

LS 151, 152 Intermediate Spanish  UG

A review of the important aspects of correct Spanish pronunciation will accompany the development of an oral and aural command of the language. Aspects of Hispanic culture will be introduced. LS 151 is prerequisite to LS 152. 3 semester hours credit for each term.

LI 101, 102 Elementary Italian  U

This course is an aural-oral approach to the grammar of the Italian language. Emphasis will be on the mastery of correct pronunciation and of essential grammatical points to ensure a basic oral and reading command of the language. LI 101 is prerequisite to LI 102. 3 semester hours credit for each term.

LI 151, 152 Intermediate Italian  UG

This course is a continuation of elementary Italian. The course will stress a mastery of essential grammatical points, oral work, and an expanded vocabulary to facilitate reading. Aspects of Italian culture will also be introduced. LI 151 is prerequisite to LI 152. 3 semester hours credit for each term.

LP 101, 102 Elementary Portuguese  U

An introduction to the basic skills of reading, writing, aural comprehension and conversation in Portuguese. Graded reading selections will accompany the introduction of the grammar of the language. LP 101 is prerequisite to LP 102. 3 semester hours credit for each term.
LP 151, 152 Intermediate Portuguese  UG

This course will continue the work begun in Elementary Portuguese. It will include a review of Portuguese grammar, with an increased emphasis on speaking and reading the language. Aspects of Portuguese literature and culture will be introduced within their historical context. LP 151 is prerequisite to LP 152. 3 semester hours credit for each term.

ACADEMIC YEAR 1967 - 1968

The following courses have been tentatively scheduled for the NEXT academic year 1967-1968.

<table>
<thead>
<tr>
<th>COURSE</th>
<th>Fall</th>
<th>Spring</th>
<th>Summer</th>
</tr>
</thead>
<tbody>
<tr>
<td>LF 101-102 Elementary French I &amp; II</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LF 151-152 Intermediate French I &amp; II</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LG 101-102 Elementary German I &amp; II</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LG 151-152 Intermediate German I &amp; II</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LI 101-102 Elementary Italian I &amp; II</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LI 151-152 Intermediate Italian I &amp; II</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LP 101-102 Elementary Portuguese I &amp; II</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LP 151-152 Intermediate Portuguese I &amp; II</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LS 101-102 Elementary Spanish I &amp; II</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LS 151-152 Intermediate Spanish I &amp; II</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

DEPARTMENT OF MUSIC

Associate Professor, Walter Lloyd Mayo, Chairman

COURSE 1966 - 1967

<table>
<thead>
<tr>
<th>COURSE</th>
<th>Fall</th>
<th>Spring</th>
<th>Summer</th>
</tr>
</thead>
<tbody>
<tr>
<td>MU 110 Music Theory</td>
<td></td>
<td>H</td>
<td></td>
</tr>
<tr>
<td>MU 310 Music Skills</td>
<td></td>
<td>H</td>
<td>Q</td>
</tr>
<tr>
<td>MU 390 Music of the 20th Century</td>
<td></td>
<td>B</td>
<td></td>
</tr>
<tr>
<td>MU 400 Creative Activities in</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Elementary School Music</td>
<td></td>
<td>B</td>
<td></td>
</tr>
</tbody>
</table>

See back cover for key to letter code

MU 110 Music Theory  U

Included in this course are the fundamentals of music, its structure and components, sight singing, the methods of teaching vocal music by rote, and basic harmony. 3 semester hours credit.

MU 310 Music Skills  U

This course includes adaptation of music fundamentals as applied to vocal, rhythmic, and creative teaching on the elementary level. Prerequisite: MU 110 Music Theory. 3 semester hours credit.
Important changes in contemporary music will be studied. Major musical forms written since 1900 will be analyzed and critical evaluation made of compositions of this period. Biographical background and historical influences will form a part of the basis of study. This will be approached through the use of text-book and recordings. Prerequisite: MU 320, History and Development of Music. 3 semester hours credit.

MU 400 Creative Activities in Elementary School Music UG

Practical experience will be offered in the following areas: free and directed response to rhythm; use of percussion, melody, and harmony instruments; piano chording; creative listening and singing activities. Prerequisite: MU 310, Music Skills. 3 semester hours credit.

ACADEMIC YEAR 1967 - 1968

The following courses have been tentatively scheduled for the NEXT academic year.

MU 110 Music Theory U
MU 310 Music Skills U
MU 320 History and Development of Music U
MU 321 Music of the Renaissance and Baroque Periods UG
MU 390 Music of the 20th Century UG
MU 400 Creative Activities in Elementary School Music UG

DEPARTMENT OF SPEECH AND DRAMA

Associate Professor Robert Jackson Barnett, Chairman

1966 - 1967

<table>
<thead>
<tr>
<th>COURSE</th>
<th>Fall</th>
<th>Spring</th>
<th>Summer</th>
</tr>
</thead>
<tbody>
<tr>
<td>OC 204 Fundamentals of Oral Communication</td>
<td>A</td>
<td>F</td>
<td>P</td>
</tr>
<tr>
<td>OC 290 Speech Improvement in the Classroom</td>
<td>F</td>
<td>Q</td>
<td></td>
</tr>
<tr>
<td>OC 330 Creative Dramatics</td>
<td></td>
<td></td>
<td>P</td>
</tr>
<tr>
<td>OC 340 Oral Interpretation</td>
<td></td>
<td>H</td>
<td></td>
</tr>
<tr>
<td>OC 360 Group Discussion and Debate</td>
<td></td>
<td>M</td>
<td></td>
</tr>
<tr>
<td>OC 380 Play Production</td>
<td></td>
<td>B</td>
<td>Q</td>
</tr>
<tr>
<td>OC 402 Advanced Oral Communication</td>
<td></td>
<td>B</td>
<td>H</td>
</tr>
<tr>
<td>OC 412 Phonetics</td>
<td></td>
<td></td>
<td>R</td>
</tr>
</tbody>
</table>

See back cover for key to letter code
OC 204 Fundamentals of Oral Communication  U

A comprehensive study of the oral communication process in theory and in practice. The course is designed to help the student evaluate and analyze the preparation and presentation of the various forms of public speaking as well as discussion and person-to-person communication. Each student will have the opportunity to put into practice the learnings gained from class discussion and observation. 3 semester hours credit.

OC 290 Speech Improvement in the Classroom  UG

This course is designed to help prospective teachers 1) identify children's speech and hearing problems, and understand the needs of these speech-handicapped children; 2) recognize opportunities in everyday classroom activities to provide help and guidance for these children; and 3) provide supplementary activities that stimulate and improve children's speech. 3 semester hours credit.

OC 330 Creative Dramatics  UG

This course is designed to give training and methodology in developing the child's creative faculties through the use of dramatic play. Students will participate in classroom exercises, and work in laboratory sessions with children in order to put into practice the concepts of preparation and evaluation learned through class discussion and lecture. 3 semester hours credit.

OC 340 Oral Interpretation  UG

This course will offer opportunity for the study and practice of various styles of presentation in the oral interpretation of prose and poetry. A detailed evaluation and analysis of that material which is suitable for preparation and delivery to the class will be made. This course is especially recommended for those students with a definite interest in literature and the humanities. Prerequisite: OC 200, (Oral Communication I) 3 semester hours credit.

OC 360 Group Discussion  UG

Through frequent practice and intensive study the student is trained in the principles and methods of communication as they apply to the group situation. The function aspects of group membership, discussion, debate, logic, and leadership will be given particular attention. Prerequisite: OC 200, (Oral Communication I) 3 semester hours credit.

OC 380 Play Production  UG

This course is designed to treat the various aspects of school play
production, ranging from classroom to all-school presentations on
the elementary or high school level. It deals with such problems as
selecting a play, casting, directing, lighting, costuming and designing,
and building scenery. Practical work in the above activities will be
required of all students. 3 semester hours credit.

OC 402 Advanced Oral Communication UG

In the advanced course the student is helped to assume leadership
responsibilities in the development of both meaning and form in
logical and creative modes of oral communication. The students
learn to use the more complex areas of oral communication, i.e.,
role-playing, creative dramatics, story telling, interpretive reading
and choral speaking to help him develop the total communicative
process. Prerequisite: OC 202. 3 semester hours credit.

OC 412 Fundamentals of Oral Communication UG

The primary emphasis of this course will be upon the study of the
International Phonetic Alphabet, and its application to the sounds of
the language. The factors of articulation, enunciation, and pro­
nunciation will be noted along with drill work in connection with the
sounds of acceptable speech. Further, stress will be placed upon an
understanding of the vowels and consonants and upon modes of sound­
production. Prerequisite: OC 204 U, Fundamentals of Oral Com­
munication. 3 semester hours credit.

ACADEMIC YEAR 1967 - 1968

The following courses have been tentatively scheduled for the
NEXT academic year.

OC 204 Fundamentals of Oral Communication U
OC 290 Speech Improvement in the Classroom UG
OC 330 Creative Dramatics UG
OC 340 Oral Interpretation UG
OC 360 Group Discussion and Debate UG
OC 380 Play Production UG
OC 402 Advanced Oral Communication UG
OC 412 Phonetics UG
The Division of Natural Sciences and Mathematics is comprised of the Departments of Biological Sciences, Chemistry, Earth Sciences, Mathematics and Physics.
# DEPARTMENT OF BIOLOGICAL SCIENCES

Professor Kenneth Jesse Howe, Chairman

1966 - 1967

<table>
<thead>
<tr>
<th>COURSE</th>
<th>Fall</th>
<th>Spring</th>
<th>Summer</th>
</tr>
</thead>
<tbody>
<tr>
<td>BI 110 General Botany</td>
<td>J</td>
<td>J</td>
<td>X</td>
</tr>
<tr>
<td>BI 120 General Zoology</td>
<td>D</td>
<td>D</td>
<td>S</td>
</tr>
<tr>
<td>BI 180 Conservation</td>
<td>Y*</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BI 394 Limnology</td>
<td></td>
<td>N</td>
<td></td>
</tr>
<tr>
<td>BI 395 Microbiology</td>
<td></td>
<td>J</td>
<td></td>
</tr>
<tr>
<td>BI 397 Plant Physiology</td>
<td></td>
<td>D</td>
<td></td>
</tr>
<tr>
<td>BI 422 Radiation Biology</td>
<td></td>
<td></td>
<td>S</td>
</tr>
<tr>
<td>BI 481-2 Cellular and Molecular Biology (AA)</td>
<td></td>
<td>(AA)</td>
<td></td>
</tr>
<tr>
<td>BI 493-4 Biological Science: BSCS Yellow Version II</td>
<td></td>
<td></td>
<td>(BB)</td>
</tr>
</tbody>
</table>

**AA-BI I Community Service Program - To be Announced Water Pollution Control**

* First quarter: Saturday, 9:00 a.m. - 12:00 p.m.
  Second quarter: Tuesday, 7:00 p.m. - 8:00 p.m.

See back cover for key to letter code

**BI 110 General Botany U**

This course is designed to acquaint students with the principles of plant structure and functions. Major groups of plants are considered and the following topics are given appropriate elementary treatment: photosynthesis, respiration, transpiration, growth, reproduction, heredity, evolution, disease, and ecology. 3 semester hours credit.

**BI 120 General Zoology U**

An introduction to the principles of biology with special reference to zoological aspect, this course emphasizes the following topics: protoplasm and the cell, taxonomy, histology, parasitology, vertebrate and invertebrate anatomy and physiology, embryology, ecology, evolution, and a general survey of the animal kingdom. 3 semester hours credit.

**BI 180 Conservation of Natural Resources U**

A course on the importance of conservation of natural resources, especially water, and the role of plants and animals in the maintenance and replenishment of our natural heritage. Lectures,
guest speakers, readings and field trips to good and bad examples of conservation practice will form an important segment of the course. The course is designed as an exposition of the conservation problems of southeastern Massachusetts and will be aimed at teachers of junior and senior high school biology and general science, city and town officials concerned with water, sewage, forestry, conservation, and industrial development and planning. 3 semester hours credit.

**Bl 394 Limnology  UG**

This course provides an introduction to the cultivation, growth, and identification of micro-organisms significant to man. Special emphasis is directed toward laboratory techniques. Prerequisite: BI 110 (General Botany), CH 131, 132 (General Chemistry). 3 semester hours credit.

**Bl 395 Microbiology  UG**

This course provides an introduction to the cultivation, growth, and identification of micro-organisms significant to man. Special emphasis is directed toward laboratory techniques. Prerequisite: BI 110 (General Botany), CH 131, 132 (General Chemistry). 3 semester hours credit.

**Bl 397 Plant Physiology  UG**

This course provides an introduction to the growth and function of plants, including cellular physiology, water relations, metabolism, respiration, photosynthesis, nutrition, and the influence of environment on the growth and development of higher plants. Prerequisite: BI 110 (General Botany), CH 131, 132 (General Chemistry). 3 semester hours credit.

**Bl 422 Radiation Biology  UG**

This course provides a study of unstable isotopes and the types of radiation in the electromagnetic spectrum, with emphasis placed on their biological effects, use in the field of biology, and precautions necessary for utilization. Prerequisite: Permission of the Instructor. 3 semester hours credit.

**Bl 481, 482 Cellular and Molecular Biology  UG**

A modern approach to the science of biology involving the study of cellular structure and function at the microscopic and submicroscopic levels. The basic unifying generalizations of cellular morphology and metabolic processes will be considered in detail. This course may be taken only by participants in the In-Service Institute in Biology, Chemistry, and Mathematics for Secondary School...
Teachers sponsored by the National Science Foundation. 6 semester hours credit.

**Bl 493, 494 Biological Science: BSCS Yellow Version II UG**

Selected subject material of importance to proper presentation of BSCS Yellow Version High School Biology is covered in detail. Lecture topics presented are evolution, ecology, genetics, and microbiology. Representative laboratory exercises are performed by the student in the following areas: ecology, genetics, and microbiology. Prerequisite: permission of the Faculty of Biology. 3 semester hours credit for each term.

**AA-Bl-1 Community Service Program Water Pollution Control**

This course is supported by a grant from the Department of Health, Education, and Welfare. By exposing the individual and particularly the community leaders (conservation, health, water commissions) to every dimension of water pollution, we believe that intelligent leadership can be provided. Rather than trying to communicate from the lectern, we will take our people to grossly polluted and relatively clean rivers where they will compare the aquatic communities and conduct some analyses. They will visit sewage plants, listen to sanitary engineers, biologists, health officers and legislators. In short they will know pollution, not as an academic problem, but as a real threat. No credit.

---

**ACADEMIC YEAR 1967 - 1968**

The following courses have been tentatively scheduled for the NEXT academic year.

- **Bl 110 General Botany U**
- **Bl 120 General Zoology U**
- **Bl 282 Comparative Chordate Anatomy UG**
- **Bl 381 Animal Phisiology UG**
- **Bl 427 Cytology UG**

---

**DEPARTMENT OF CHEMISTRY**

Associate Professor Wilmon Blackmar Chipman, Chairman

1966 - 1967

<table>
<thead>
<tr>
<th>COURSE</th>
<th>Fall</th>
<th>Spring</th>
<th>Summer</th>
</tr>
</thead>
<tbody>
<tr>
<td>CH 200 U Survey of Chemistry</td>
<td>K</td>
<td>K</td>
<td>V</td>
</tr>
<tr>
<td>CH 141-2 U Général Chemistry &amp; Quality Analysis</td>
<td>E</td>
<td>E</td>
<td>T</td>
</tr>
<tr>
<td>COURSES</td>
<td>Fall</td>
<td>Spring</td>
<td>Summer</td>
</tr>
<tr>
<td>----------------------------------------------</td>
<td>------</td>
<td>--------</td>
<td>--------</td>
</tr>
<tr>
<td>CH 241 UG Quantitative Analysis *</td>
<td>K</td>
<td>K</td>
<td></td>
</tr>
<tr>
<td>CH 242 UG Principles of Inorganic Chem. A</td>
<td>A</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CH 343-4 UG Organic Chemistry</td>
<td></td>
<td>T</td>
<td></td>
</tr>
<tr>
<td>CH 390 UG Research Problems in Chem. Z</td>
<td>Z</td>
<td>Z</td>
<td>Z</td>
</tr>
<tr>
<td>CH 481-2 UG Modern Structural Chem. Y**</td>
<td>Y**</td>
<td>Y**</td>
<td></td>
</tr>
</tbody>
</table>

*Must be elected both semesters for credit
**NSF In-Service Institute, Thursday 4:30 to 7:00 p.m.

See back cover for key to letter code

**CH 141, 142 Inorganic Chemistry with Qualitative Analysis**

Theoretical inorganic chemistry with emphasis on mass-energy relationships in terms of structure and physical laws. The second semester laboratory consists of semi-micro qualitative inorganic analysis. 3 semester hours credit for each term.

**CH 200 Survey of Chemistry**

The fundamental laws of chemistry are studied together with their application to elements and compounds, reactions and properties. This course, together with PH 200 (Survey of Physics), constitutes a one year survey of the physical sciences for non-science majors. 3 semester hours credit.

**CH 241 Inorganic Quantitative Analysis**

A study will be made of the classical and modern methods for the volumetric and gravimetric determination of elements and groups. Prerequisite: CH 142 or permission of the instructor. Offered as one, four-credit course which extends over both fall and spring terms. Both semesters are required for any credit.

**CH 242 Principles of Inorganic Chemistry**

Modern structural concepts of inorganic chemistry and descriptive inorganic chemistry are presented at an intermediate level. Prerequisite: CH 241 (Inorganic Qualitative Analysis) or permission of the Instructor. 3 semester hours credit.

**CH 343, 344 Organic Chemistry**

A survey will be made of the chemistry of organic compounds from the points of view of synthesis, structure and reactions, including some study of the mechanisms of organic reactions. Prerequisite: CH 142 (Inorganic Chemistry with Qualitative Analysis) or CH 132 (General Chemistry) and permission of the Instructor. 3 semester hours credit for each term.
CH 390 Research Problems in Chemistry  UG

Special projects for advanced students desiring individual instruction in the methods of chemical research. Prerequisite: permission of the department. Credit and hours to be arranged.

CH 481, 482 Modern Structural Chemistry  UG

The structural approach, based on the concept of electron pairing in molecular orbitals, will be applied to inorganic and, to a lesser extent, organic chemistry. Topics to be covered will include the following: electronic structure and chemical bonding, spectroscopy, acid-base chemistry, stereochemistry, equilibrium, elementary thermodynamics, electrochemistry and modern nuclear chemistry. This course may be taken only by participants in the National Science Foundation In-service Institute. 6 semester hours credit.

ACADEMIC YEAR 1967 - 1968

The following courses have been tentatively scheduled for the NEXT academic year.

CH 141-2 General Chemistry & Qualitative Analysis  U
CH 200 Survey of Chemistry  U
CH 241 Quantitative Analysis  UG
CH 242 Principles of Inorganic Chemistry  UG
CH 381-2 Physical Chemistry  UG
CH 390 Research Problems in Chemistry  UG

DEPARTMENT OF EARTH SCIENCES
Professor Emanuel Maier, Chairman
1966 - 1967

<table>
<thead>
<tr>
<th>COURSE</th>
<th>Fall</th>
<th>Spring</th>
<th>Summer</th>
</tr>
</thead>
<tbody>
<tr>
<td>ES 181 Physical Geology</td>
<td>K</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ES 182 Physical Geography</td>
<td></td>
<td>E</td>
<td></td>
</tr>
<tr>
<td>ES 192 Historical Geology</td>
<td></td>
<td>K</td>
<td></td>
</tr>
<tr>
<td>EA 200 Fundamentals of Geography</td>
<td>E</td>
<td></td>
<td>Q</td>
</tr>
<tr>
<td>ES 252 Geography of Anglo America</td>
<td>A</td>
<td>R</td>
<td></td>
</tr>
<tr>
<td>ES 301 Astronomy</td>
<td>A</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ES 451 Geography of Europe</td>
<td>H</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ES 463 Petrology</td>
<td></td>
<td>S</td>
<td></td>
</tr>
<tr>
<td>ES 464 Economic Geology</td>
<td>A</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ES 502 Conservation of Natural Resources</td>
<td>F</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

See back cover for key to letter code
ES 181 Physical Geology U

This course involves a study of the constitution of the earth together with an evaluation of the processes acting on and within it. Field trips are an integral part of the course. This course may be followed by either ES 182 or ES 192 in the second semester. 3 semester hours credit.

ES 182 Physical Geography UG

In this course the characteristics, classification, origin, and distribution of the earth's physical phenomena such as atmosphere, climate, vegetation, and soils are studied as well as the distribution of populations. Emphasis is placed upon developing an understanding and appreciation of the relationships between the physical features of the earth and man. Field trips. Prerequisite: ES 181 (Physical Geology) 3 semester hours credit.

ES 192 Historical Geology UG

Historical Geology is a study of the major geological events on the earth as revealed by the structure and composition of the rocks and the evolution of the fossil record. Prerequisite: ES 181 (Physical Geology) 3 semester hours credit.

ES 200 Fundamentals of Geography U

In this introductory course the origin and distribution of patterns of natural features of earth environment are studied. This course is designed to help the student form a sound basis for understanding the relationship between the physical features of the earth and the cultural patterns of man. (For B.S. in Elementary Education students only.) Field trips. 3 semester hours credit.

ES 252 Geography of Anglo-America UG

In this course the fundamentals studied in ES 200 are applied in the analysis of geographic regions of Anglo-America. This course is designed to give familiarity with the methods of securing, organizing, and presenting geographical data. Prerequisite: ES 181 (Physical Geology), 182 (Physical Geography), or 200 (Fundamentals of Geography). 3 semester hours credit.

ES 301 Astronomy UG

The major concern of this course is a study of the earth, moon, planets, sun, and other stars and galaxies. Emphasis is placed on such topics as the new findings of radio astronomy and the uses of earth satellites. Day and evening observations. 3 semester hours credit.
ES 451 Geography of Europe  UG

This course is designed to give students an understanding and appreciation of the interrelationships among the various physical and cultural patterns of Europe. Prerequisite: ES 181 (Physical Geology), 182 (Physical Geography), or 200 (Fundamentals of Geography). 3 semester hours credit.

ES 463 Petrology  UG

This course is designed to help students develop skills involving rock classification and identification by both hand specimen and thin section techniques. Prerequisite: ES 181 (Physical Geology). 3 semester hours credit.

ES 464 Economic Geology  UG

This course considers the geochemical and physical processes that produce metallic and non-metallic mineral deposits. Prerequisite: ES 181 (Physical Geology). 3 semester hours credit.

ES 502 Conservation of Natural Resources  UG

This course is devoted to a detailed examination of the occurrence, exploitation and conservation of natural resources, including minerals, soils, water, forests, grasslands, fisheries, wildlife, recreation areas and scenery. Public and private conservation policy is examined against current technical and philosophical developments. Emphasis is placed on conservation in the United States. Prerequisite ES 200 (Fundamentals of Geography) and ES 252 (Geography of Anglo-America) or ES 181 (Physical Geology) and ES 182, (Physical Geography) and permission for undergraduates. 3 semester hours credit.

ACADEMIC YEAR 1967 - 1968

The following courses have been tentatively scheduled for the NEXT academic year.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ES 181</td>
<td>Physical Geology</td>
<td>U</td>
</tr>
<tr>
<td>ES 200</td>
<td>Fundamentals of Geography</td>
<td>U</td>
</tr>
<tr>
<td>ES 303</td>
<td>Meteorology</td>
<td>UG</td>
</tr>
<tr>
<td>ES 315</td>
<td>Cartography</td>
<td>UG</td>
</tr>
<tr>
<td>ES 484</td>
<td>Geomorphology</td>
<td>UG</td>
</tr>
<tr>
<td>ES 192</td>
<td>Historical Geology</td>
<td>UG</td>
</tr>
<tr>
<td>ES 182</td>
<td>Physical Geography</td>
<td>UG</td>
</tr>
<tr>
<td>ES 304</td>
<td>Climatology</td>
<td>UG</td>
</tr>
<tr>
<td>ES 462</td>
<td>Geology of North America</td>
<td>UG</td>
</tr>
<tr>
<td>ES 200</td>
<td>Fundamentals of Geography</td>
<td>U</td>
</tr>
<tr>
<td>ES 252</td>
<td>Geography of Anglo America</td>
<td>UG</td>
</tr>
<tr>
<td>ES 372</td>
<td>Minerology</td>
<td>UG</td>
</tr>
</tbody>
</table>
### COURSE

<table>
<thead>
<tr>
<th>MA 105 - U College Mathematics I</th>
<th>Fall</th>
<th>Spring</th>
<th>Summer</th>
</tr>
</thead>
<tbody>
<tr>
<td>MA 106 - U College Mathematics II</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MA 115 - UG Calculus I</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MA 116 - UG Calculus II</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MA 117 - UG Calculus III</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MA 202 - UG Differential Equations</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MA 301 - UG Abstract Algebra</td>
<td></td>
<td>W</td>
<td></td>
</tr>
<tr>
<td>MA 302 - UG Linear Algebra</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MA 303 - UG Number Theory</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MA 315 - UG Modern Geometry for Elem. Sch. Teachers</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MA 321 - UG Modern Math for Elem. School Teachers I</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MA 322 - UG Modern Math for Elem. School Teachers II</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MA 331 - UG Introduction to Logic &amp; Theory of Sets</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MA 341 - UG Fundamental Concepts of Mathematics</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MA 403 - UG Probability and Statistics</td>
<td></td>
<td>F</td>
<td></td>
</tr>
<tr>
<td>MA 421 - UG Advanced Calculus I</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MA 422 - UG Advanced Calculus II</td>
<td></td>
<td>B</td>
<td></td>
</tr>
<tr>
<td>PC - MA1A Pre-College Mathematics</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

See back cover for key to letter code

**MA 105 College Mathematics I U**

This course includes the real number system, the algebra of polynomials, algebraic fractions, exponents and radicals, sets and equations, inequalities, functions and relations, polynomial functions. 3 semester hours credit.

**MA 106 College Mathematics II U**

This course is a study of the trigonometric functions, including trigonometric identities and equations, law of Sines, law of Cosines,
range and graphs of the functions, the analytic geometry of the straight line, circle, parabola, ellipse and hyperbola. Prerequisite: MA 105 (College Mathematics I) 3 semester hours credit.

MA 115 Calculus I UG

Course includes inequalities, relations, functions, analytic geometry of the straight line and linear inequalities. Limits and continuity, the differentiation of algebraic functions, with applications to geometry, maxima and minima. 3 semester hours credit.

MA 116 Calculus II UG

This course is a continuation of Calculus I. The definite integral, the analytic geometry of the conic sections, differentiation and integration of the trigonometric and exponential functions, methods of integration. Prerequisite: MA 115 (Calculus I) 3 semester hours credit.

MA 117 Calculus III UG

This course is a continuation of Calculus II. Methods of integration and applications, solid analytic geometry, partial differentiation. Prerequisite: MA 116 (Calculus II) 3 semester hours credit.

MA 202 Differential Equations UG

Ordinary differential equations of first and second order, linear differential equations with constant coefficients, the Laplace transform, applications. Prerequisite: MA 115, 116, 117 (Calculus I, II, III) 3 semester hours credit.

MA 301 Abstract Algebra UG

Introduction to the theory of rings, integral domains and fields through a study of integers, rational numbers, real numbers, complex numbers and polynomials; elementary group theory. 3 semester hours credit.

MA 302 Linear Algebra UG

Vector spaces, determinants, linear transformations and matrices, systems of equations, characteristic values, quadratic forms, applications to geometry and analysis. 3 semester hours credit.

MA 303 Number Theory UG

Development of the number system, the Euclidean Algorithm and its consequences, theory of congruences, number-theoretic functions, Diophantine equations, quadratic residues. 3 semester hours credit.
MA 315 Modern Geometry for Elementary School Teachers   UG

This course includes plane geometric figures, curves and surfaces, congruence, measures, parallelism and similarity, non-Euclidean geometries, coordinate geometry. 3 semester hours credit.

MA 321 Modern Mathematics for Elementary School Teachers I   UG

The objective of this course is to provide minimum background in modern mathematics for teachers of grades 4, 5, 6. This course will be devoted to a study of base positional notation and arithmetic of different bases, elementary set theory and logic, the real number system and its subsystems. 3 semester hours credit.

MA 322 Modern Mathematics for Elementary School Teachers II   UG

This course is designed for additional background in modern mathematics for teachers who have successfully completed the Level I course or its equivalent. This course will be devoted to a continuation of the study of the number systems of arithmetic and their applications to algebra and informal geometry. 3 semester hours credit.

MA 331 Introduction to Logic and The Theory of Sets   UG

This course includes truth tables, rules of inference, method of proof, the algebra of sets and graphs of functions, cardinal numbers. 3 semester hours credit.

MA 341 Fundamental Concepts of Mathematics   UG

This is a critical study of definitions, axioms, and structure of mathematics. The course will investigate the real number family and its unique plot on the linear continuum. Other topics will include base and set operations, permutations and combinations. 3 semester hours credit.

MA 403 Probability and Statistics   UG

Calculus of probabilities, discrete and continuous random variables, expectation, elementary probability distributions, methods of estimation, sample spaces, theories of statistical inference, applications. Prerequisite: MA 115 (Calculus I) or MA 105 (College Mathematics). 3 semester hours credit.

MA 421 Advanced Calculus I   UG

The course includes fundamental theorems on limits and continuity, properties of derivatives, theory of integration. Prerequisite: MA 117 (Calculus III or equivalent) 3 semester hours credit.
MA 422 Advanced Calculus II  UG

Course includes functions of several variables, partial derivatives, multiple integrals, sequences and series. Prerequisite: MA 421 (Advanced Calculus I) 3 semester hours credit.

MA 481, 482 Basic Concepts and Structures of Geometry  UG

A study of axiomatic systems, finite geometries, axiomatic Euclidean geometry, fundamentals of synthetic and analytic plane projective geometry; selected topics from affine, Euclidean and non Euclidean geometry when developed as subgeometries of projective geometry. This course is open only to participants in the National Science Foundation In-Service Institute. 6 semester hours credit.

PC-MA-IA Pre-College Mathematics

This course is designed to cover the topics in algebra, geometry, and trigonometry normally covered in the high school college preparatory program. Fundamental algebraic operations, products and factors, fractions, linear and quadratic equations, and the structure of the number system are a few of the topics that will be considered along with essential concepts from geometry and trigonometry. No credit.

ACADEMIC YEAR 1967 - 1968

The following courses have been tentatively scheduled for the NEXT academic year.

MA 105 College Mathematics I  U
MA 106 College Mathematics II  U
MA 115 Calculus I  UG
MA 116 Calculus II  UG
MA 117 Calculus III  UG
MA 301 Abstract Algebra  UG
MA 302 Linear Algebra  UG
MA 304 Higher Geometry  UG
MA 313 Modern Geometry for Elementary School Teachers  UG
MA 321 Modern Math for Elementary School Teachers I  UG
MA 322 Modern Math for Elementary School Teachers II  UG
MA 331 Introduction to Logic and the Theory of Sets  UG
MA 341 Fundamental Concepts of Mathematics  UG
MA 403 Probability and Statistics  UG
MA 408 Topology  UG
MA 421 Advanced Calculus I  UG
PC-MA-IA Pre College Mathematics
### DEPARTMENT OF PHYSICS

Associate Professor Richard Frank Calusdian, Acting Chairman

**1966 - 1967**

<table>
<thead>
<tr>
<th>COURSE</th>
<th>Fall</th>
<th>Spring</th>
<th>Summer</th>
</tr>
</thead>
<tbody>
<tr>
<td>PH 181-2 Elements of Physics</td>
<td></td>
<td></td>
<td>T</td>
</tr>
<tr>
<td>PH 200 Survey of Physics</td>
<td>E</td>
<td>E</td>
<td>S</td>
</tr>
<tr>
<td>PH 243 General Physics</td>
<td></td>
<td>(CC)</td>
<td></td>
</tr>
<tr>
<td>PH 244 General Physics</td>
<td>(CC)</td>
<td>(DD)</td>
<td></td>
</tr>
<tr>
<td>PH 387 Modern Physics</td>
<td>F</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PH 388 Electricity and Magnetism</td>
<td></td>
<td>(DD)</td>
<td></td>
</tr>
<tr>
<td>PH 389 Mechanics</td>
<td></td>
<td>S</td>
<td></td>
</tr>
<tr>
<td>PH 392 Electronics</td>
<td></td>
<td>S</td>
<td></td>
</tr>
</tbody>
</table>

See back cover for key to letter code

**PH 181, 182 Elements of Physics  U**

This course includes a study of mechanics, heat, sound, electricity, magnetism and light. Required of biology majors. May not be used as credit toward a major in physics. PH 181 is prerequisite to PH 182. 3 semester hours credit for each semester.

**PH 200 Survey of Physics  U**

The fundamental laws of physics are studied as an integrated system. This course, together with CH 200 (Survey of Chemistry), constitutes a one year survey of the physical sciences for non-science majors. 3 semester hours credit.

**PH 243, 244 General Physics  UG**

A calculus-based study of the phenomena of mechanics, heat, sound, electricity, magnetism, and light. Prerequisite: MA 102; MA 201, 202 (concurrently). PH 243 is prerequisite to PH 244. 4 semester hours credit for each term.

**PH 387 Modern Physics  UG**

Atomic and nuclear structure, elementary particles, kinetic theory, relativity, quantum theory, introduction to quantum mechanics, and nuclear theory. Prerequisite: PH 243, 244 (General Physics) 3 semester hours credit.
**PH 388 Electricity and Magnetism UG**

Electrostatic and magnetic theory, direct and alternating current circuits, introduction to Maxwell's equations and radiation. Prerequisite: PH 243, 244 (General Physics) MA 201 (Calculus with Analytic Geometry) 4 semester hours credit.

**PH 389 Mechanics UG**

Laboratory projects will be included as a part of this course, which introduces the student to a vector treatment of mechanics: forces and moments; kinematics and dynamics of point masses and of rigid bodies; work, kinetic energy and potential energy; impulse and momentum; and mechanical vibrations. Prerequisite: PH 243, 244 (General Physics) 3 semester hours credit.

**PH 392 Electronics UG**

Fundamentals of semiconductor and vacuum tube electronics will be presented and supported with physical principles. Laboratory experiments will provide a working understanding of electronic measurements and basic electronic circuits. Prerequisite: PH 243, 244 (General Physics) 3 semester hours credit.

---

**ACADEMIC YEAR 1967 - 1968**

The following courses have been tentatively scheduled for the NEXT academic year 1967 - 1968.

- PH 181, 182 Elements of Physics U
- PH 200 Survey of Physics U
- PH 243, 244 General Physics U
- PH 387 Modern Physics UG
- PH 392 Electronics UG
DIVISION OF PROFESSIONAL EDUCATION

Dr. Stanley Luther Clement, Director

The Division of Professional Education is comprised of the Departments of Education, Instructional Media, Health and Physical Education (Men and Women), and Library Science.
AV 450 Techniques and Media of Audio Visual Instruction  UG

This course is designed to improve instruction through the appropriate use of new techniques and media of communication and instruction in the classroom and/or in industry. The student learns the operation, care and repair of equipment, and sources of materials according to his personal needs. In addition, he experiments with lesson planning and application of techniques and media, and makes certain materials for efficient and applicable presentation in a teaching-learning situation. 3 semester hours credit.

AV 452 Photography in Education  UG

This course is designed to give instruction in the basic philosophy scope, educational planning, and techniques of preparation of photographic instructional materials. Preparation of color and black and white slides, stills, filmstrips, transparencies for overhead projection, and simple photography and darkroom techniques will be taught. 3 semester hours credit.

AV 453 School Public Relations  UG

This course is designed to acquaint the teacher and the administrator with the responsibility of the school to the public. It is the purpose of this course to teach the necessity for a well-informed public to foster good school public relations. All necessary media will be discussed; radio, television, newspapers, magazines, school publications, teacher-parent and administrator-teacher-parent relationships. 3 semester hours credit.

AV 455 Projectual Technology for Instruction  UG

This course is designed to give basic instruction in the philosophy, scope, educational planning, and techniques of the preparation and use of projectuals for instruction and education. The student will
learn the graphic arts skills necessary for the preparation of overhead masters. He will also learn the techniques of exposing and developing overhead transparencies by the Diazo method utilizing equipment found in the school adaptable to this method. Students will also prepare materials by color lifting, Thermofax, Tecnifax, AO, and will learn the basic techniques for copying 2X2 slides and layout procedures for filmstrips, both black and white and color. 3 semester hours credit.

ACADEMIC YEAR 1967 - 1968

The following courses have been tentatively scheduled for the NEXT academic year.

AV 450 Techniques and Media of Audiovisual Instruction  UG
AV 452 Photography in Education  UG
AV 453 School Public Relations  UG
AV 455 Projectual Technology for Instruction  UG

DEPARTMENT OF EDUCATION
Professor Stanley Luther Clement, Chairman

ADMINISTRATION

<table>
<thead>
<tr>
<th>COURSE</th>
<th>Fall</th>
<th>Spring</th>
<th>Summer</th>
</tr>
</thead>
<tbody>
<tr>
<td>ED 404 Legal Aspects of School Admin.</td>
<td>I</td>
<td></td>
<td>W</td>
</tr>
<tr>
<td>ED 560 Prin. &amp; Prac. in School Admin.</td>
<td>F</td>
<td>B</td>
<td>P</td>
</tr>
<tr>
<td>ED 561 Elementary School Admin.</td>
<td>H</td>
<td></td>
<td>W</td>
</tr>
<tr>
<td>ED 562 Secondary School Admin.</td>
<td></td>
<td>H</td>
<td></td>
</tr>
<tr>
<td>ED 563 Personnel Administration in Public School</td>
<td></td>
<td>F</td>
<td></td>
</tr>
<tr>
<td>ED 564 Public School Supervision</td>
<td></td>
<td>A</td>
<td></td>
</tr>
<tr>
<td>ED 565 School Finance and Business Admin.</td>
<td></td>
<td>B</td>
<td>R</td>
</tr>
<tr>
<td>ED 566 School Plant Administration</td>
<td></td>
<td></td>
<td>Q</td>
</tr>
</tbody>
</table>

See back cover for key to letter code

ED 404 Legal Aspects of School Administration  UG

A general overall view of school law and its implications for those involved in education-administrators, teachers, pupils and parents. Federal and state powers and functions relative to education will be covered with emphasis on the application of Massachusetts laws. Precedent setting legal cases will be discussed. Special topics will include: religion, desegregation, contracts and tenure. The organization, function, duties, and operation of the local school committee will be emphasized. 3 semester hours credit.
ED 560 Principles and Practices in School Administration

A basic introduction to the principles of school administration. Administration will first be examined as a profession. The administrative process will be developed and used in class work and course projects. Administrative problems will be identified in the areas of program, services, plant, facilities, personnel and public relations. Guiding principles will be established for the solutions of these problems with emphasis also on common practices, trends, proposals and issues. The course provides the foundation and is a prerequisite for further courses in administration. 3 semester hours credit.

ED 561 Elementary School Administration

The emphasis in this course will be upon the application of the general principles of school administration to the solution of the specific problems of the elementary school. Emphasis will be placed on the areas of elementary program, plant, services, pupil control and accounting, personnel and public relations. Prerequisite: ED 560 (Principles and Practices in School Administration) 3 semester hours credit.

ED 562 Secondary School Administration

The emphasis in this course will be upon the application of the general principles of school administration to the solution of the specific problems of the secondary school. Emphasis will be placed on the areas of secondary program, plant, services, pupil control and accounting, personnel and public relations. Prerequisite: ED 560 (Principles and Practices in School Administration) 3 semester hours credit.

ED 563 Personnel Administration in Public Schools

A treatment of the nature, development, and importance of personnel administration and the general principles, preparation and procedures for its implementation. Special topics will include selection, orientation, assignment, supervision, rating and the establishment of the type of morale essential for the most effective teaching-learning atmosphere. Prerequisite: ED 560 (Principles and Practices in School Administration) 3 semester hours credit.

ED 564 Public School Supervision

A fundamental course in school district supervision. The philosophy and function of supervision will be explored together with the roles of the various staff members responsible for supervision in a modern public school district. Consideration will be given to supervision at the various grade levels. Prerequisite: ED 560
ED 565 *School Finance and Business Administration*  G

This course will be based upon a study of the financial support for public schools from local, state, and federal governments. School budgets, accounting, and purchasing procedures, distribution of supplies and services, transportation, food service, management and maintainance of the school plant will be given consideration. Prerequisite: ED 560 (Principles and Practices in School Administration). 3 semester hours credit.

ED 566 *School Plant Administration*  G

This course is intended for the specialist in school administration, the person who may ultimately go on to school district administration as an assistant superintendent, a business assistant, director of buildings and grounds or superintendent. The students will consider in depth the many factors involved in planning, construction, maintaining and administering the modern school plant. Prerequisite: ED 560 (Principles and Practices in School Administration), ED 561 (Secondary School Administration) or ED 562 (Secondary School Administration) 3 semester hours credit.

---

**ACADEMIC YEAR 1967 - 1968**

The following courses have been tentatively scheduled for the NEXT academic year.

- ED 560 *Principles and Practices in School Administration*  G
- ED 562 *Secondary School Administration*  G
- ED 561 *Elementary School Administration*  G
- ED 563 *Personnel Administration*  G
- ED 565 *School Finance and Business Administration*  G
- ED 404 *Legal Aspects of School Administration*  UG
- ED 564 *Public School Supervision*  G
- ED 566 *School Plant Administration*  G
- ED 568 *Seminar in Problems of School Administration*  G

---

**ELEMENTARY**

**1966 - 1967**

<table>
<thead>
<tr>
<th>COURSE</th>
<th>Fall</th>
<th>Spring</th>
<th>Summer</th>
</tr>
</thead>
<tbody>
<tr>
<td>ED 340 Language Arts Meth. &amp; Mat. in Elementary Education</td>
<td>F</td>
<td>M</td>
<td>R</td>
</tr>
<tr>
<td>ED 350 Elementary School Math Methods and Materials</td>
<td></td>
<td></td>
<td>H</td>
</tr>
</tbody>
</table>
ED 560 Methods and Materials in Elementary Music  
ED 362 Methods and Materials in Elementary Art  
ED 370 Kindergarten Methods and Materials  
ED 374 Methods and Materials in Primary Education  
ED 450 Elementary School Curriculum  
ED 452 Methods and Materials in Elementary Education  
ED 460 Science Methods and Materials in Elementary Education  
ED 470 Social Studies Meth. & Mat. in Elementary Education  

See back cover for key to letter code

ED 340 Language Arts Materials and Methods in Elementary Education  UG

Stress is on providing for child growth in oral and written communication through developing the skills of spelling, oral language, and written language. Topics covered are 1) objectives of the program; 2) knowledge and diagnosis of needs and instructional problems; 3) provision for individual differences through the selection and effective use of varied general and specific techniques and materials; 4) correlation of English with other subject areas; and 5) using varied instruments for evaluating and measuring materials and results. 3 semester hours credit.

ED 350 Elementary School Mathematics Methods and Materials  UG

Through this course students become acquainted with the purpose and content of the contemporary elementary school mathematics curriculum. Emphasis is placed on a study of a wide variety of effective teaching procedures and instructional materials designed to meet the varying abilities within the elementary school classroom. 3 semester hours credit.

ED 360 Methods and Materials in Elementary Music  UG

A treatment of the music program in the elementary grades including objectives, personnel, planning, and the music course of study, pupil characteristics and meeting of individual differences, rhythmic activities, music reading, listening to music, creative music, and general procedures, equipment and materials. 3 semester hours credit.
Emphasis will be placed on the objectives of Art education in the public school curriculum; the role of the classroom teacher in carrying out this program; the nature of the developmental stages in the creative growth of children; the materials, processes, tools and teaching procedures which will foster this growth at the various grade levels; correlation of art with other subject fields; and evaluation of student progress. 3 semester hours credit.

ED 370 Kindergarten Methods and Materials UG

This course treats the philosophy, importance and development of pre-school education. Opportunity is given for the study of how children learn to live together and gain the experience which will lay the foundation for a feeling of adequacy in a group and the new role of school with rich experiences. Curriculum, methods, materials and facilities are examined and evaluated. 3 semester hours credit.

ED 374 Methods and Materials in Primary Education UG

This course emphasizes the philosophy and importance of education in the primary grades and presents effective ways of vitalizing the teaching process at this level. Appropriate curriculum, methods, materials and facilities will be examined and evaluated. 3 semester hours credit.

ED 450 Elementary School Curriculum UG

This course will include the roles of the administrator, the teacher, the parent, and the child in the development of the curriculum in the elementary school. Other topics which will be presented are: the challenge of change, new trends in the curricular areas, elementary school organization including team teaching and the ungraded school, availability of new materials, the basic needs of children, the maintenance of democratic values in the elementary classroom, and evaluating elementary school goals. 3 semester hours credit.

ED 452 Methods and Materials in Elementary Education UG

This course is designed to present effective ways of vitalizing the teaching-learning process through challenging learning experiences which emphasize teacher-pupil planning, participation and evaluation. Resource persons, lectures, readings, reports, discussions, demonstration lessons, and displays of materials will be used to show what can be done to adapt the program and procedures of the elementary school to provide for individual differences in the teaching of content subjects. 3 semester hours credit.
ED 460 Science Methods and Materials in Elementary Education  UG

This course will acquaint students with the goals of elementary science instruction and the methods of attaining these aims through such experiences as problem-solving, experimenting, observing, participating in field trips, and other essential activities. An examination will be made of new elementary science programs, current elementary science textbooks, films, and scientific equipment. 3 semester hours credit.

ED 470 Social Studies Methods and Materials in Elementary Education  UG

Emphasis is placed on current trends in the social studies curriculum including the following topics: 1) objectives in social studies instruction; 2) child growth and development characteristics and their implications in teaching; 3) organization of the program; 4) creative pupil-teacher planning; 5) teaching techniques using varied instructional materials and procedures; and 6) evaluating child growth, methods and materials, and the achievement of objectives. 3 semester hours credit.

ACADEMIC YEAR 1967 - 1968

The following courses have been tentatively scheduled for the NEXT academic year.

<table>
<thead>
<tr>
<th>COURSE</th>
<th>Fall</th>
<th>Spring</th>
<th>Summer</th>
</tr>
</thead>
<tbody>
<tr>
<td>ED 450 Elementary School Curriculum  UG</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ED 452 Methods and Materials in Elementary Education  UG</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ED 330 Teaching Reading in the Elementary School  UG</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ED 340 Language Arts Methods and Materials in the Elementary School  UG</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ED 470 Social Studies Methods and Materials in the Elementary School  UG</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ED 460 Science Methods and Materials in the Elementary School  UG</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ED 350 Elementary School Mathematics Methods and Materials  UG</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ED 362 Methods and Materials in Elementary Art  UG</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ED 360 Methods and Materials in Elementary Music  UG</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ED 370 Kindergarten Theory and Methods  UG</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ED 374 Methods and Materials in Primary Education  UG</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ED 554 Graduate Seminar in Elementary Education  G</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

GENERAL

1966 - 1967

See back cover for key to letter code
ED 400 History of American Education  UG

This course is designed to provide the historical foundation by which the student may better understand the educational issues of the present and intelligently help plan future directions and goals. A study will be made of the origin and development of our American system of education at all levels. Changes in objectives, organization, control, support, curriculum and methods will be noted. Various movements affect on the education program will be identified as to cause, characteristics, and influence. Current trends and tendencies for the future will be discussed. 3 semester hours credit.

ED 401 Comparative Education  UG

A study will be made of the educational systems in other countries with emphasis on Europe. After an identification of the culture of a country, special topics will include: development, control, support, objectives, organizational pattern, curriculum, teachers, methods, special services and trends. International educational and cultural programs will also be discussed. 3 semester hours credit.

ED 402 Team Teaching  UG

Emphasis will be placed on the nature, objectives, and development of the team teaching idea; its organization, team makeup, planning and instruction; student grouping and scheduling; facilities, materials and equipment; instruction and adaptation to existing conditions; the ungraded school; and team teaching and the community. 3 semester hours credit.

ED 500 Research and Evaluation  G

This course will stress the use of appropriate research methods in the selection and evaluation of data. It is designed to aid the graduate student in the preparation and understanding of research reports. Major areas of emphasis will include the nature of and criteria for evaluating research, library techniques and resources, selection and delimitation of problems, appraisal of research literature, documentation, organization and format of a report, necessary statistical concepts and methods of research. The student will be expected to demonstrate his knowledge of these in a term research study. 3 semester hours credit.

ACADEMIC YEAR 1967 - 1968

The following courses have been tentatively scheduled for the NEXT academic year.

ED 400 History of American Education  UG
ED 401 Comparative Education  UG
ED 402 Team Teaching  UG
ED 403 Professional Ethics  UG
ED 500 Research and Evaluation  G
### GUIDANCE

**1966 - 1967**

<table>
<thead>
<tr>
<th>COURSE</th>
<th>Fall</th>
<th>Spring</th>
<th>Summer</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ED 431 Organization &amp; Administration of Guidance Programs</strong></td>
<td>M</td>
<td>W</td>
<td></td>
</tr>
<tr>
<td><strong>ED 432 Community Relations in Guidance</strong></td>
<td>C</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>ED 434 Education and Vocational Information</strong></td>
<td>A</td>
<td>R</td>
<td></td>
</tr>
<tr>
<td><strong>ED 435 Principles and Practices in Placement</strong></td>
<td>M</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>ED 530 Counseling Theory and Practice</strong></td>
<td>C,F,P</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>ED 532 Practicum in Counseling</strong></td>
<td></td>
<td>Q</td>
<td></td>
</tr>
</tbody>
</table>

See back cover for key to letter code

---

**ED 430 Principles and Practices in Guidance UG**

This is an introductory course designed to provide the student with an understanding of the need, meaning, and scope of guidance services. The principles and practices involved in the following guidance areas will be considered: introduction and philosophy of guidance; understanding the individual and his needs; essential orientation activities for the student; collection, recording, and evaluating data; interviewing and counseling; guidance through group activities; placement and follow-up activities; organization and evaluation of guidance. The emphasis of the course will be upon the role of the classroom teacher in the guidance program. 3 semester hours credit.

**ED 431 Organization and Administration of Guidance Programs UG**

This course will deal with the procedures for creating and operating a program of guidance services as part of the public school education. It will identify the basic principles and practices common to all guidance programs and show how guidance services and activities are, and can be, adapted, organized, and administered to serve school pupils, their parents, teachers, and administrators. The course will give special attention to immediate NDEA Act applications. Prerequisite: ED 430 (Principles and Practices in Guidance). 3 semester hours credit.
ED 432 Community Relations in Guidance  UG

The course will concern itself with group interests, conflicts and tensions in current community life as they affect public and private education, the counselor, and the teacher. Prerequisite: ED 430 (Principles and Practices in Guidance) 3 semester hours credit.

ED 434 Education and Vocational Information  UG

This course is offered for teachers and counselors as a study in the methods of presenting occupational and educational information in formal guidance programs and in units on vocations in subject matter classes. Consideration will be given to an evaluation of materials and techniques in terms of practical use. Materials of educational information will be considered and collected. The student will begin an individual library of educational information and will construct a 10 lesson unit of educational information to be placed in a subject matter class. Other assignments will explore individual situations and include recommendations in the light of acceptable methods. Prerequisite: ED 430 (Principles and Practices in Guidance) 3 semester hours credit.

ED 435 Principles and Practices in Placement  UG

This course will consider the methods and materials used in placement in educational programs beyond secondary school, in public schools grades 1-12, in private schools, and in pre-primary schools. Students will evaluate the various approaches to in-school needs of children and specifically the role of guidance personnel as members of the educational team in the satisfactions of these needs. Objective testing programs as they pertain to academic placement will be considered. Prerequisite: ED 430 (Principles and Practices in Guidance), 3 semester credit hours.

ED 530 Counseling Theory and Practice  G

Emphasis will be placed on the principles of counseling and the application of the basic techniques to the counseling process. The roles of both guidance personnel and teachers will be stressed. Case studies will be used and situational problems discussed. Prerequisite: ED 430 (Principles and Practices in Guidance) 3 semester hours credit.

ED 532 Practicum in Counseling  G

Emphasis will be on the practice of counseling. Multiple counseling sessions using tapes will be emphasized. Supervised observation will be included to help measure individual assessment of growth and competence. Prerequisite: ED 530 (Counseling Theory and Practice) 3 semester hours credit.
The following courses have been tentatively scheduled for the next academic year.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>ED 430</td>
<td>Principles and Practices in Guidance</td>
<td>UG</td>
</tr>
<tr>
<td>ED 431</td>
<td>Organization and Administration of Guidance Programs</td>
<td>UG</td>
</tr>
<tr>
<td>ED 434</td>
<td>Educational and Vocational Information</td>
<td>UG</td>
</tr>
<tr>
<td>ED 435</td>
<td>Principles and Practices in Placement</td>
<td>UG</td>
</tr>
<tr>
<td>ED 530</td>
<td>Counseling Theory and Practice</td>
<td>G</td>
</tr>
<tr>
<td>ED 532</td>
<td>Practicum in Counseling</td>
<td>G</td>
</tr>
<tr>
<td>ED 432</td>
<td>Community Relations in Guidance</td>
<td>UG</td>
</tr>
<tr>
<td>ED 533</td>
<td>Psychological Tests in Guidance</td>
<td>G</td>
</tr>
<tr>
<td>ED 436</td>
<td>Group Guidance</td>
<td>UG</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>COURSE</th>
<th>1966 - 1967</th>
<th>Fall</th>
<th>Spring</th>
<th>Summer</th>
</tr>
</thead>
<tbody>
<tr>
<td>ED 312</td>
<td>Teaching Social Studies in the Secondary School</td>
<td>F</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ED 314</td>
<td>Teaching English in the Secondary School</td>
<td>F</td>
<td>W</td>
<td></td>
</tr>
<tr>
<td>ED 316</td>
<td>Teaching Earth Science (Geology) in Secondary Sch.</td>
<td>F</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ED 317</td>
<td>Teaching Earth Science (Geography) in Secondary Sch.</td>
<td>I</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ED 318</td>
<td>Teaching Physical Science in the Secondary School</td>
<td>L</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ED 322</td>
<td>Teaching Mathematics in the Secondary School</td>
<td>H</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ED 326</td>
<td>Teaching Business in the Secondary School</td>
<td>C</td>
<td>C</td>
<td></td>
</tr>
<tr>
<td>ED 328</td>
<td>Curriculum in Business Ed.</td>
<td>C</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ED 440</td>
<td>Methods and Materials in Secondary Education</td>
<td>L</td>
<td>I</td>
<td>P</td>
</tr>
<tr>
<td>ED 443</td>
<td>Secondary School Curriculum</td>
<td>H</td>
<td>R</td>
<td></td>
</tr>
</tbody>
</table>

See back cover for key to letter code

The above courses are comparable in purpose and design, differing as application is made to a particular subject field. The main emphasis will be on the establishing of objectives, the choosing of appropriate content, procedures, and materials, and the techniques.
of planning necessary to accomplish the objectives. Other topics
will include classroom organization and management, meeting of
individual differences, evaluation and reporting of progress, and
recent developments in methodology and subject matter. 3 semester
hours credit for each course.

ED 326 Teaching Business in the Secondary School  UG

The purpose of this course is to survey the basic objectives, termin­
ology, standards of achievement, and lesson planning in Business
Education. Other areas to be studied will include methodology in
teaching the basic skills as well as the improvement of instruction
in the basic business subjects through the use of audio-visual aids.
3 semester hours credit.

ED 328 Curriculum in Business Education  UG

A study of the purposes of modern business education and the program
of activity necessary to implement them. Emphasis will be placed
on the development, organization, administration, and supervision
of the program; current trends, problems, and issues; the effect of
automation; and staff participation in the evaluation and revision of
the business curriculum and the construction of courses of study.
3 semester hours credit.

ED 440 Methods and Materials in Secondary Education  UG

Emphasis will be placed on the analysis of the theory and practice
of teaching in the modern secondary school. Topics will include--
the learning process--principles and application; establishing of
objectives; classroom organization and management; meeting indi­
vidual differences; evaluation and reporting progress; correlation
between subject matter fields; and recent developments in method­
dology and subject matter. 3 semester hours credit.

ED 443 Secondary School Curriculum  UG

Emphasis is placed on the purposes of modern secondary school
education and the essential features of the curriculum needed to
implement them. Topics will include: organization, historical
development, factors affecting trends and issues, core curriculum,
planning curriculum guides and organization and participation in
curriculum evaluation and revision. 3 semester hours credit.

ACADEMIC YEAR 1967-1968

| The following courses have been tentatively scheduled for |
| the NEXT academic year, 1967-1968. |
| ED 443 Secondary School Curriculum  UG |
| ED 440 Methods and Materials in Secondary Education  UG |
| ED 314 Teaching English in the Secondary School  UG |
| ED 312 Teaching Social Studies in the Secondary School  UG |
ED 313 Teaching Physical Science in the Secondary School  UG
ED 320 Teaching Biological Sciences in the Secondary School  UG
ED 316 Teaching Earth Science in the Secondary School  UG
ED 322 Teaching Mathematics in the Secondary School  UG
ED 324 Teaching Modern Foreign Language in the Secondary School  UG
ED 326 Teaching Business in the Secondary School  UG
ED 328 Curriculum in Business Education  UG

PHILOSOPHY

1966 - 1967

<table>
<thead>
<tr>
<th>COURSE</th>
<th>Fall</th>
<th>Spring</th>
<th>Summer</th>
</tr>
</thead>
<tbody>
<tr>
<td>ED 380 Introduction to General Philosophy</td>
<td>L</td>
<td>H</td>
<td>R</td>
</tr>
<tr>
<td>ED 480 Philosophy of Education</td>
<td>F,H,M</td>
<td>A,I,L</td>
<td>R,W</td>
</tr>
</tbody>
</table>

See back cover for key to letter code

ED 380 Introduction to General Philosophy  U

This course is an introduction to logical and critical reflection upon the opinion of philosophers concerning the meaning, terminology, and basic problems of philosophy, which should enable the student to begin structuring his own thinking. 3 semester hours credit.

ED 480 Philosophy of Education  UG

Through research and discussion, students are expected to analyze and relate the metaphysical, epistemological, ethical, and social theories of philosophy to educational theories and practices. Prerequisite: ED 380 (Introduction to General Philosophy.) 3 semester hours credit.

ED 580 Philosophical Foundations of Education  G

Drawing upon the student's background in philosophy and philosophy of education, the course is designed to develop a close acquaintance with the major schools of western philosophy; i.e., realism, idealism, neo-Thomism, experimentalism, and existentialism, and to determine their relationship to current philosophies and practices. Prerequisite: ED 480 (Philosophy of Education.) 3 semester hours credit.

ACADEMIC YEAR 1967-1968

The following courses have been tentatively scheduled for the NEXT academic year, 1967-1968.

ED 380 Introduction to General Philosophy  U
ED 480 Philosophy of Education  UG
ED 580 Philosophical Foundations of Education  G
### PSYCHOLOGY
#### 1966 - 1967

<table>
<thead>
<tr>
<th>COURSE</th>
<th>Fall</th>
<th>Spring</th>
<th>Summer</th>
</tr>
</thead>
<tbody>
<tr>
<td>ED 200 General Psychology</td>
<td>I</td>
<td>C</td>
<td>P</td>
</tr>
<tr>
<td>ED 222 Psychology of Learning</td>
<td>C,L</td>
<td>A,L</td>
<td>W,R,Q</td>
</tr>
<tr>
<td>ED 224 Child Growth and Development</td>
<td>F</td>
<td></td>
<td>W</td>
</tr>
<tr>
<td>ED 226 Adolescent Psychology</td>
<td></td>
<td>F</td>
<td></td>
</tr>
<tr>
<td>ED 227 Psychology of Exceptional Children</td>
<td></td>
<td>B</td>
<td></td>
</tr>
<tr>
<td>ED 228 Subnormal Psychology</td>
<td>H</td>
<td></td>
<td>W</td>
</tr>
<tr>
<td>ED 420 Educational Measurement</td>
<td>B</td>
<td>H</td>
<td>F</td>
</tr>
<tr>
<td>ED 520 Psychological Foundations of Education</td>
<td>A,H,M</td>
<td>A,I,M</td>
<td>P,Q</td>
</tr>
<tr>
<td>ED 522 Measurement of Intelligence (Binet)</td>
<td></td>
<td>C</td>
<td></td>
</tr>
<tr>
<td>ED 524 Measurement of Intelligence (WAIS WISC)</td>
<td>I</td>
<td></td>
<td>P</td>
</tr>
</tbody>
</table>

See back cover for key to letter code

**ED 200 General Psychology U**

This is an introductory course planned to acquaint the student with the techniques of modern psychology, the structure of behavior, conditions and theories of learning, and theories of personality development. 3 semester hours credit.

**ED 222 Psychology of Learning UG**

Emphasis will be placed on the theoretical aspects of psychological principles relating to the learning process. Theories of learning will be examined in relation to the learning situation and the teacher. Prerequisite: ED 200(General Psychology.) 3 semester hours credit.

**ED 224 Child Growth and Development U**

A study will be made of the growth and development of the child from birth to pre-adolescence. Attention will be focused on biological, psychological, and social factors as well as moral forces which influence child behavior. Prerequisite: ED 200(General Psychology.) 3 semester hours credit.

**ED 226 Adolescent Psychology U**

The purpose of this course is to provide a better understanding of the pre-adolescent and the adolescent. A study will be made of the major theories of adolescence. Physical, mental, moral, emotional,
personality, and social aspects will be considered. Prerequisite: ED 200 (General Psychology.) 3 semester hours credit.

ED 227 Psychology of Exceptional Children UG

In this course a careful study will be made of the data and principles which are related to the dynamics and prevention of abnormal behavior including neuroses, psychoses, character disorders, and other abnormal personality patterns. Prerequisite: ED 200 (General Psychology.) 3 semester hours credit.

ED 228 Sub-Normal Psychology UG

The etiological and psychological factors involved in mental retardation, in emotional disturbance, and in other deviations affecting the intellectual and behavioristic development of children will be stressed. The education and training as well as educational and occupational potential will receive equal consideration. Prerequisite: ED 200 (General Psychology.) 3 semester hours credit.

ED 420 Educational Measurements UG

Included in this course is an examination of the development of the testing, measurement, and evaluation movement. A review and evaluation of tests and other evaluative methods needed for the measurement of mental maturity and educational growth in the student's field of specialization, and a study of elementary statistical procedures necessary for their interpretation, complete the course offerings. 3 semester hours credit.

ED 520 Psychological Foundations of Education G

This course involves an advanced systematic exploration of the various psychological principles related to teaching with special emphasis upon application of these principles in specific classroom situations. Special treatment will be given to social psychology, dynamics in interpersonal relationships and group processes, motivation, and discipline theory. Prerequisite: ED 200 (General Psychology;) ED 224 (Child Growth and Development;) ED 226 (Adolescent Psychology) or ED 222 (Psychology of Learning.) 3 semester hours credit.

ACADEMIC YEAR 1967-1968

The following courses have been tentatively scheduled for the NEXT academic year 1967-1968.

ED 200 General Psychology U
ED 224 Child Growth and Development U
ED 226 Adolescent Psychology U
ED 222 Psychology of Learning UG
ED 227 Psychology of Exceptional Children UG
ED 228 Sub-Normal Psychology UG
ED 520 Psychological Foundations of Education G
ED 420 Educational Measurements UG
ED 522 Measurement of Intelligence (Binet)
ED 524 Measurement of Intelligence (WAIS & WISC)
<table>
<thead>
<tr>
<th>COURSE</th>
<th>Fall</th>
<th>Spring</th>
<th>Summer</th>
</tr>
</thead>
<tbody>
<tr>
<td>ED 330 Teaching Reading in the Elementary School</td>
<td>A</td>
<td>B</td>
<td>Q</td>
</tr>
<tr>
<td>ED 331 Developmental Reading in the Secondary School</td>
<td></td>
<td>L</td>
<td></td>
</tr>
<tr>
<td>ED 376 Diagnosis and Correction of Reading Difficulties</td>
<td></td>
<td></td>
<td>S</td>
</tr>
</tbody>
</table>

See back cover for key to letter code

**ED 330 Teaching of Reading in the Elementary School UG**

This course will consider how reading instruction is initiated, how basic reading abilities are developed, and how growth in voluntary reading is encouraged. The essentials of an effective developmental reading program will be examined with attention to organizing reading groups and evaluating progress. 3 semester hours credit.

**ED 331 Developmental Reading in the Secondary School UG**

This course will provide a study of the characteristics, techniques of teaching, administration, and evaluation of modern reading materials available. Actual reading laboratory demonstrations will be performed by both instructors and students. The course is designed for all teachers who wish a fresh viewpoint and for those new in the field as well as for those concerned with initiating, organizing, or updating a reading program. 3 semester hours credit.

**ED 376 Diagnosis and Correction of Reading Difficulties UG**

Emphasis will be placed on the objectives, organization and carrying out of individual and small group remedial-reading instruction in an average school situation without special facilities or elaborate equipment. Determining pupil reading difficulties, selecting appropriate techniques and materials, and evaluation of progress will be stressed. An opportunity will be provided to teach small groups of high school pupils in need of remedial instruction. Prerequisite: ED 200 (General Psychology;) ED 330 (Teaching of Reading.) 6 semester hours credit.

**ACADEMIC YEAR 1967-1968**

The following courses have been tentatively scheduled for the NEXT academic year, 1967-1968.

- ED 330 Teaching Reading in the Elementary School UG
- ED 331 Developmental Reading in the Secondary School UG
- ED 332 Diagnosis and Correction of Reading Difficulties UG
- ED 543 Improving Reading Instruction G
- ED 544 Seminar in Reading and Language Arts G
ED 410 Introduction to Special Education UG

This is a survey of all phases of special education emphasizing the program for mentally and physically handicapped children, for emotionally disturbed children and for the academically talented. The slow learner and the perceptually handicapped will receive consideration. 3 semester hours credit.

ED 411 Methods and Materials in Special Education UG

In this course special emphasis will be placed on the philosophy, the general and specific aims, the identification and classification, and the curriculum development of the educational program for retarded children. The planning, developing, and guiding of pupil experiences will help to attain the desired pupil outcomes through the functional application of subject matter. Prerequisite: ED 410 (Introduction to Special Education.) 3 semester hours credit.

ED 412 Organization and Administration of Special Education UG

The purpose of this course is to meet organizational and administrative problems in the implementation of a comprehensive special education program especially for the mentally retarded. A complete study of the psychological services, the classroom, the teaching personnel, the required individual pupil case summary data, the curriculum, and the classroom management will be included. Other aspects of special education will receive consideration. Prerequisite: ED 410 (Introduction to Special Education,) 3 semester hours credit.
ED 413 Industrial Arts in Special Education  UG

This course gives the teacher the opportunity to work with the various materials necessary for an adequate handwork program. The planning procedure, the necessary equipment, and the successful operation of such a program will be studied to insure the necessary goals being achieved. The requirements for certification of the special class teacher for teaching the mentally retarded are included. 3 semester hours credit.

ED 414 Domestic Arts in Special Education  UG

In this course emphasis will be placed upon teaching the basic principles of nutrition for planning, preparing, and serving meals for the individual and family; principles of management in the home; management in the home; management of money; time, and labor-saving equipment; simple home nursing and child care and aesthetic experiences in personal appearances and clothing. 3 semester hours credit.

ED 415 Methods and Materials for the Gifted Learner  UG

The purpose of this course is to understand the needs of the academically talented with basic philosophy which will help them to realize their potential. Emphasis will be placed on identification and classification, and evaluation, curriculum, methods and materials, the special classroom. The problems of motivation, of underachievement, and of creativity will be stressed. Prerequisite: ED 200 (General Psychology.) 3 semester hours credit.

ED 416 Teaching the Slow Learner  UG

This course is designed to give practical suggestions to the teacher for meeting the needs of the slow learner. Emphasis is placed upon identification and classification, methods and materials, procedures, social and vocational adjustment and the structuring of the modern curriculum to provide adequate education for the slow learner. Prerequisite: ED 200 (General Psychology.) 3 semester hours credit.

ACADEMIC YEAR 1967-1968

The following courses have been tentatively scheduled for the NEXT academic year, 1967-1968.

ED 410 Introduction to Special Education  UG
ED 411 Methods and Materials in Special Education  UG
ED 412 Organization and Administration of Special Education  UG
ED 413 Industrial Arts in Special Education  UG
ED 414 Domestic Arts in Special Education  UG
ED 415 Methods and Materials for the Gifted Learner  UG
ED 416 Teaching The Slow Learner  UG

90
### DEPARTMENTS OF HEALTH AND PHYSICAL EDUCATION

Professor Mary Josephine Moriarty, Chairman (women)

Associate Professor Harry August Lehmann, Chairman (men)

<table>
<thead>
<tr>
<th>COURSE</th>
<th>Fall</th>
<th>Spring</th>
<th>Summer</th>
</tr>
</thead>
<tbody>
<tr>
<td>HPE 380 Introduction to Recreation</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>HPE 349 Methods of Teaching and Calling The Modern Sq. Dance</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>HPE 360 Organization of Girls' Intramural &amp; Extramural Activities</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>HPE 370 The Theory and Practice of Physical Ed. in Elem. School</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>HPE 385 Nutrition and Fitness</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>HPE 425 Care and Prevention of Athletic Injuries</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>HPE 426 Management of Athletics</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>HPE 434 The Foundations of Physical Education</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

See back cover for key to letter code

**HPE 349 Methods of Teaching and Calling the Modern Square Dance  UG**

The modern square dance will be analyzed as to its make-up and place in the physical education curriculum. Basics, included in the modern square dance will be presented in progression. The techniques of teaching will be emphasized as students are taught to perform these fundamentals. As dances are not memorized in the modern square dance, the method of learning to call individual basics will be stressed and emphasis placed on the mechanics and function of each. Time will be spent on phrasing, timing, and voice. An analysis of square dance music as it relates to figure composition, as well as a simple method of composing dances, will be made. 3 semester hours credit.

**HPE 360 Organization of Girls' Intramural and Extramural Activities  UG**

Concerned with the construction of a balanced program of co-curricular activities based upon sound educational objectives implemented with the current standards and guidelines established for the junior and senior high school girl. The role of the coach and officials are coordinated to bring about the best type of educational experience for the participant. 3 semester hours credit.
HPE 370 The Theory and Practice of Physical Education in the Elementary School

Content and organization of physical education throughout the elementary grades. Emphasis will be on preparation and teaching techniques for the classroom teacher, specialist and supervisor. A laboratory experience will be a required part of this course. 3 semester hours credit.

HPE 380 Introduction to Recreation

Covers the history of recreation from colonial days to the present. Particular emphasis is placed on the cultural views and their relationship to recreation. The various types of recreation presently seen and the impact of leisure time on the future will also be discussed. 3 semester hours credit.

HPE 385 Nutrition and Fitness

The course will include information concerning fundamentals of nutrition, the relation of nutrition to cultural patterns, to dental health and to total health and fitness. Current nutrition problems will be discussed. Recent research in this area will be investigated. The New England Dairy and Food Council will assist in planning the course outline, will provide approved films, and suggest speakers. 3 semester hours credit.

HPE 425 Care and Prevention of Athletic Injuries

A basic course to illustrate the methods of prevention, correction, care and treatment of athletic injuries. Training and conditioning programs will be studied. Class time will be devoted to lectures, discussions, and practical work. Taping and use of physical therapy equipment will be covered in the course content. 3 semester hours credit.

HPE 426 Management of Athletics

This course involves the study of athletic policies and regulations on the local and state levels, administrative plans, contest management, the purchase and care of equipment, athletic awards, finance and budget, athletic facilities, scheduling, public relations, the intramural program, and trends in interscholastic athletics. Lectures, readings, class discussions, and written assignments will be directed toward the enrichment of the athletic programs in the school systems represented. 3 semester hours credit.

HPE 434 The Foundations of Physical Education

This course is concerned with the nature and scope of physical education. The course content includes the scientific foundations of physical
education; the objectives and how they are best achieved; the philosophy of physical education as a part of total education; the relationship of physical education to health, recreation, camping and outdoor education; the history of physical education; the qualifications and responsibilities of physical education personnel; and challenges and problems facing the physical education profession. The latest available materials and information from the President's Council on Physical Fitness will be included. 3 semester hours credit.

ACADEMIC YEAR 1967-1968

The following courses have been tentatively scheduled for the NEXT academic year, 1967-1968.

<table>
<thead>
<tr>
<th>COURSE</th>
<th>Fall</th>
<th>Spring</th>
<th>Summer</th>
</tr>
</thead>
<tbody>
<tr>
<td>LI 210</td>
<td>I</td>
<td>W</td>
<td></td>
</tr>
<tr>
<td>LI 220</td>
<td>C</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LI 404</td>
<td>H</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LI 430</td>
<td>B</td>
<td>R</td>
<td></td>
</tr>
<tr>
<td>LI 440</td>
<td>C</td>
<td>P</td>
<td></td>
</tr>
<tr>
<td>LI 450</td>
<td>B</td>
<td>H</td>
<td>Q</td>
</tr>
<tr>
<td>LI 451</td>
<td>I</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

DEPARTMENT OF LIBRARY SCIENCE

Associate Professor Beatrice Irene Bouchard, Chairman

1966-1967

LI 210  Children's Literature  UG

This course covers the reading interests of children from pre-school years through the elementary grades with emphasis on: the contribution that reading can make toward the process of growing up; criteria for evaluation and analysis of children's books; types of books available today, considered in terms of the needs, interests, and abilities of children. Topics covered are: history of literature for children; illustrators; folk-tales; myths; modern fanciful tales; fiction; poetry; books in special fields, such as, history, science, travel. 3 semester hours credit.
LI 220 Literature for Young Adults UG

This course is a survey of literature for the adolescent designed for junior and senior high school teachers and librarians, and includes a brief history of the development of this literature, evaluation of publishers, and psychology of the adolescent reader. 3 semester hours credit.

LI 404 Research in Library Science UG

This course is an introduction to general reference literature and to basic procedures in meeting reference problems. The principles and practices of book selection are discussed, and acquaintance is made with bibliographies, periodicals, and other informational aids. 3 semester hours credit.

LI 430 School Library Administration UG

This course includes activities, techniques, and services, as they are related to the organizing and administering of a school library. 3 semester hours credit.

LI 440 Cataloguing and Classification: Introduction UG

This course includes cataloguing, classification, and processing of library materials as they are related to the school library. 3 semester hours credit.

LI 450 The School Library UG

This course is designed for the classroom teacher. Emphasis is placed on the use of the school library as a resource center. Principles, practices, new trends and materials as well as services for the classroom and teacher are discussed. 3 semester hours credit.

LI 451 Storytelling UG

The theory and practice of the art of storytelling. Emphasis on storytelling as a technique in cultivating appreciation of literature in children from kindergarten through grade 8. 3 semester hours credit.

ACADEMIC YEAR 1967-1968

The following courses have been tentatively scheduled for the NEXT academic year, 1967-1968.

LI 210 Children's Literature UG
LI 220 Young Adult Literature UG
LI 430 School Library Administration UG
LI 440 Cataloguing and Classification UG
LI 450 School Library UG
LI 451 Storytelling UG
DIVISION OF THE SOCIAL SCIENCES

Dr. Jordan Dominic Fiore, Director

The Division of Social Sciences is comprised of the Departments of Economics, History and Political Science, and Sociology.
### DEPARTMENT OF ECONOMICS

Associate Professor Daniel Joseph Noonan, Chairman

#### 1966-1967

<table>
<thead>
<tr>
<th>COURSE</th>
<th>Fall</th>
<th>Spring</th>
<th>Summer</th>
</tr>
</thead>
<tbody>
<tr>
<td>EC 400 Economic Principles and Problems</td>
<td>F</td>
<td></td>
<td>P</td>
</tr>
<tr>
<td>EC 411 Consumer Economics</td>
<td>A</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EC 412 Comparative Economic Systems</td>
<td>A</td>
<td></td>
<td>Q</td>
</tr>
<tr>
<td>EC 413 Current Economic Problems</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

See back cover for key to letter Code

**EC 400 Economic Principles and Problems U**

This course offers a concentrated study of significant economic concepts, institutions, and problems of a free enterprise system. 3 semester hours credit.

**EC 411 Consumer Economics UG**

The basic purpose of this course is to provide the student with guides in making major consumer decisions. The discussions will center on the following subject areas: consumer credit, insurance, real estate, and the stock market. 3 semester hours credit.

**EC 412 Comparative Economic Systems UG**

This course will include an analysis of the central economic problems which nations face in organizing economic activity, and a comparison of theories and institutions of capitalism and liberal socialism. Attention is given to the elements of strength and weakness found in the economic systems of various countries. 3 semester hours credit.

**EC 413 Current Economic Problems UG**

This course offers an analysis of the economic effects and policy recommendations involved in timely economic questions. Possible topics include the economics of war and disarmament, poverty, the inflation problem, population problems and international monetary liquidity or the problem of gold outflow. 3 semester hours credit.

---

**ACADEMIC YEAR 1967-1968**

The following courses have been tentatively scheduled for the NEXT academic year.

- EC 400 Economic Principles and Problems U
- EC 421 Unionism and Public Policy UG
- EC 422 Economic Policy UG
- EC 410 Intermediate Economics UG
This course surveys Western civilization from ancient times to 1715. Ancient peoples are considered in the light of their contributions to civilization. From the fall of Rome to the eighteenth century, emphasis is placed upon the following subjects: the rise of the Christian church; the Middle Ages, Christian and Feudal; the Byzantine World; the Moslem World; the Holy Roman Empire; the development of state systems and the struggles for power; the Renaissance; the Protestant and Catholic Reformations. 3 semester hours credit.
Beginning with the rise of parliamentary control in England and the old regime in France this course is concerned with: the rise of Prussia; the Westernization of Russia; the growth of science and the spread of industrialism; eighteenth and nineteenth century thought; the enlightenment; the age of revolutions; the new nationalism and Imperialism of the nineteenth century; the two World Wars; Internationalism and world organizations. Prerequisite: HI 111 (Western Civilization to 1715). 3 semester hours credit.

HI 221 United States History and Constitutions to 1865  U

The growth of the United States is examined from the discovery of America to the end of the Civil War. The following topics are studied: the age of exploration and discovery; the English colonial and provincial periods; the age of the American Revolution; the Constitutions of the United States and of the Commonwealth of Massachusetts; the early national period; Jeffersonian democracy; the age of Andrew Jackson; westward expansion, sectionalism, and slavery; the causes of and the course of the Civil War. 3 semester hours credit.

HI 222 United States History since 1865  U

This course continues the study begun in HI 221. The following topics are studied: reconstruction; problems of economic expansion from 1865 to 1900; financial and monetary problems; the United States as a world power; the Progressive era; and political, military, and economic history of the twentieth century. 3 semester hours credit.

HI 271 Introduction to Political Science  UG

This course provides a consideration of the definitions, theoretical foundations, and historical evolution of the principles of politics. The fundamental concepts in political science are examined: state, politics, law, and a general analysis of the place of government in modern society. N.B. Graduate credit will be given only if the student has had no undergraduate course in political science. 3 semester hours credit.

HI 272 American Government: The Federal System  UG

The Constitution of the United States is studied in detail as the basis of the Federal System. Topics of study include the development of the democratic process in America, the organization, power, procedures, function, services, and finances of the United States government. 3 semester hours credit.
HI 421 History of Massachusetts UG

In this course the English background of the Pilgrims and Puritans, the Plymouth Colony and Massachusetts Bay settlements, Puritanism and the Massachusetts theocracy, Massachusetts in the Provincial Period, and the American Revolution will be studied. In addition to a consideration of political history, Massachusetts is studied in the national period in terms of constitutional development, population shifts, industrial growth, the effects of immigration, and the economic changes of the twentieth century. The organization of the state government and the constitution are also studied. Much use will be made of primary source materials in developing the course. 3 semester hours credit.

HI 461 Far Eastern History UG

This course deals primarily with the history of China and Japan during the last century. Some consideration is also given to the problems of the Philippines, Indonesia, Southeast Asia, India, and Australia. 3 semester hours credit.

HI 471 International Relations UG

Following a consideration of the basic factors in international relations, the development of the western state system, and the principles of balance of power, nationalism, and imperialism, the course covers the establishment of international organization in modern times and the post-war regional organizations. Each student makes a study of the contemporary international problems of a country or region. 3 semester hours credit.

HI 481 United States Foreign Relations to 1898 UG

This course will trace the History of the foreign relations of the United States from the American Revolution to the end of the Spanish-American War. Successful completion of a course in U.S. History is recommended. 3 semester hours credit.

HI 482 United States Foreign Relations Since 1898 UG

This course considers the background of the Spanish-American War, Imperialism, the Open Door policy in Asia, Latin-American Relations, the background and results of World War II and after, and the diplomacy of the Cold War. 3 semester hours credit.

HI 483 United States History: Progressive Era UG

This course traces the rise of the Progressive movement in American History to the early 1920's as reflected in politics, government, and the social and intellectual life of the era. 3 semester hours credit.
HI 484 Recent American History  UG

The development of modern America through the isolationism and boom of the 1920's, the Great Depression, the New Deal, World War II, and the role of the United States in world affairs in the post-war era will be considered. 3 semester hours credit.

HI 485 United States History: The Civil War  UG

In this course the period of the American Civil War and Reconstruction is studied topically. Among the items to be considered are the background and causes of the war, the military and naval aspects, Civil War music, art, and literature, diplomacy of the Civil War, the home front in the war, the plans for reconstruction, and military reconstruction. Lectures will be supplemented by slides, motion pictures, and recordings. The completion of a course in American History before taking this course is recommended. 3 semester hours credit.

HI 486 French Revolution  UG

The background of the Revolution, the ancien regime, the causes, the events, and the results of the French Revolution will be studied. 3 semester hours credit.

---

ACADEMIC YEAR 1967 - 1968

The following courses have been tentatively scheduled for the NEXT academic year.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>UG</th>
</tr>
</thead>
<tbody>
<tr>
<td>HI 111</td>
<td>Western Civilization to 1715</td>
<td>U</td>
</tr>
<tr>
<td>HI 112</td>
<td>Western Civilization since 1715</td>
<td>U</td>
</tr>
<tr>
<td>HI 221</td>
<td>United States History to 1865</td>
<td>U</td>
</tr>
<tr>
<td>HI 222</td>
<td>United States History since 1865</td>
<td>U</td>
</tr>
<tr>
<td>HI 317</td>
<td>English History since 1603</td>
<td>UG</td>
</tr>
<tr>
<td>HI 333</td>
<td>Latin America: The Colonial Period</td>
<td>UG</td>
</tr>
<tr>
<td>HI 334</td>
<td>Latin America: The National Period</td>
<td>UG</td>
</tr>
<tr>
<td>HI 487</td>
<td>World War I</td>
<td>UG</td>
</tr>
<tr>
<td>HI 488</td>
<td>World War II</td>
<td>UG</td>
</tr>
<tr>
<td>HI 489</td>
<td>U.S. History: The Early National Period</td>
<td>UG</td>
</tr>
<tr>
<td>HI 490</td>
<td>U.S. History: Jacksonian Democracy and the Coming of the Civil War</td>
<td>UG</td>
</tr>
<tr>
<td>HI 491</td>
<td>English History to 1603</td>
<td>UG</td>
</tr>
<tr>
<td>HI 492</td>
<td>Modern French History</td>
<td>UG</td>
</tr>
<tr>
<td>HI 493</td>
<td>Modern German History</td>
<td>UG</td>
</tr>
</tbody>
</table>

---

DEPARTMENT OF SOCIOLOGY

Assistant Professor Shirley Marlon Kolack, Chairman

1966 - 1967

<table>
<thead>
<tr>
<th>COURSE</th>
<th>Fall</th>
<th>Spring</th>
<th>Summer</th>
</tr>
</thead>
<tbody>
<tr>
<td>SO 280</td>
<td>B</td>
<td></td>
<td>Q</td>
</tr>
<tr>
<td>An Introduction to</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sociological Analysis</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

101
Fall | Spring | Summer
---|---|---
SO 303 The Family | B | | 
SO 411 Types of Asocial Personalities I | C | | 
SO 412 Types of Asocial Personalities II | | C | 
SO 413 Personal and Social Disorganization I | M | | 
SO 414 Personal and Social Disorganization II | | M | 
SO 420 Education and Race Relations* | | | 

See back cover for key to letter code

SO 280 An Introduction to Sociological Analysis  U

A comparative study of group behavior which is basic to all societies, this course will give attention to all the major social institutions that comprise the social structure. Empirical studies of small, simple societies as well as material from large complex societies will be utilized. 3 semester hours credit.

SO 303 The Family  UG

This course will focus on a comparative study of family structure in various societies. Theories of family life will be explored. Special emphasis will be given to the modern American family—its functions, problems, and trends. Prerequisite: SO 280, An Introduction to Sociological Analysis. 3 semester hours credit.

SO 411 Types of Asocial Personalities I  UG

This course is intended for the mature undergraduate or graduate student. It uses the clinical method of instruction, having available, live case material. Topics covered include the development of asocial personalities, especially the alcoholic, drug addict, antisocial retarded, and sexually deviated. 3 semester hours credit.

SO 412 Types of Asocial Personalities II  UG

The intent and method is the same as in SO 411, Asocial Personalities I. The varieties of psychoses, assaultive epilepsies, and organic brain damages are considered. Current methods of detection and treatment are outlined. 3 semester hours credit.

SO 413, 414 Personal and Social Disorganization I, II  UG

A two semester course considering theories and research studies in psychology, criminology, and psychiatry as they apply toward an understanding of individual and social disorder. 3 semester hours credit for each term.

* See page 103 for information.
The following courses have been tentatively scheduled for the NEXT academic year.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>SO 280</td>
<td>An Introduction to Sociological Analysis</td>
<td>U</td>
<td>UG</td>
</tr>
<tr>
<td>SO 303</td>
<td>The Family</td>
<td>UG</td>
<td></td>
</tr>
<tr>
<td>SO 411</td>
<td>Types of Asocial Personalities I</td>
<td>UG</td>
<td></td>
</tr>
<tr>
<td>SO 412</td>
<td>Types of Asocial Personalities II</td>
<td>UG</td>
<td></td>
</tr>
<tr>
<td>SO 413</td>
<td>Personal and Social Disorganization I</td>
<td>UG</td>
<td></td>
</tr>
<tr>
<td>SO 414</td>
<td>Personal and Social Disorganization II</td>
<td>UG</td>
<td></td>
</tr>
<tr>
<td>SO 420*</td>
<td>Education and Race Relations</td>
<td>UG</td>
<td></td>
</tr>
</tbody>
</table>

* Offered in cooperation with the Massachusetts Department of Education under a grant to the Department from the United States Office of Education. Much of the course material will be provided through video-tape broadcasts over WGBH-TV, Channel 2, Boston. The course starts on October 5, 1966, and meets Wednesdays from 3:00 P.M. to 5:30 P.M.
COURSE SCHEDULING

Key to Letter Code

<table>
<thead>
<tr>
<th>CODE</th>
<th>DAY</th>
<th>TIME</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Monday</td>
<td>5:00 P.M. - 7:30 P.M.</td>
</tr>
<tr>
<td>B</td>
<td>Tuesday</td>
<td>5:00 P.M. - 7:30 P.M.</td>
</tr>
<tr>
<td>C</td>
<td>Tuesday</td>
<td>7:45 P.M. - 10:15 P.M.</td>
</tr>
<tr>
<td>D</td>
<td>Tuesday</td>
<td>5:00 P.M. - 8:55 P.M.</td>
</tr>
<tr>
<td>E</td>
<td>Tuesday</td>
<td>5:00 P.M. - 8:30 P.M.</td>
</tr>
<tr>
<td>F</td>
<td>Wednesday</td>
<td>5:00 P.M. - 7:30 P.M.</td>
</tr>
<tr>
<td>H</td>
<td>Thursday</td>
<td>5:00 P.M. - 7:30 P.M.</td>
</tr>
<tr>
<td>I</td>
<td>Thursday</td>
<td>7:45 P.M. - 10:15 P.M.</td>
</tr>
<tr>
<td>J</td>
<td>Thursday</td>
<td>5:00 P.M. - 8:55 P.M.</td>
</tr>
<tr>
<td>K</td>
<td>Thursday</td>
<td>5:00 P.M. - 8:30 P.M.</td>
</tr>
<tr>
<td>L</td>
<td>Saturday</td>
<td>8:00 A.M. - 10:30 A.M.</td>
</tr>
<tr>
<td>M</td>
<td>Saturday</td>
<td>10:35 A.M. - 1:05 P.M.</td>
</tr>
<tr>
<td>N</td>
<td>Saturday</td>
<td>8:00 A.M. - 11:40 A.M.</td>
</tr>
<tr>
<td>O</td>
<td>Saturday</td>
<td>8:00 A.M. - 11:30 A.M.</td>
</tr>
<tr>
<td>P</td>
<td>Daily</td>
<td>8:30 A.M. - 9:45 A.M.</td>
</tr>
<tr>
<td>Q</td>
<td>Daily</td>
<td>10:00 A.M. - 11:15 A.M.</td>
</tr>
<tr>
<td>R</td>
<td>Daily</td>
<td>11:30 A.M. - 12:45 P.M.</td>
</tr>
<tr>
<td>S</td>
<td>Daily</td>
<td>8:30 A.M. - 10:20 A.M.</td>
</tr>
<tr>
<td>T</td>
<td>Daily</td>
<td>8:30 A.M. - 12:20 P.M.</td>
</tr>
<tr>
<td>V</td>
<td>Daily</td>
<td>10:30 A.M. - 12:20 P.M.</td>
</tr>
<tr>
<td>W</td>
<td>M, W, Th.</td>
<td>7:00 P.M. - 9:05 P.M.</td>
</tr>
<tr>
<td>X</td>
<td>M, W, Th.</td>
<td>7:00 P.M. - 10:00 P.M.</td>
</tr>
<tr>
<td>Y</td>
<td>Course with special schedule</td>
<td></td>
</tr>
<tr>
<td>Z</td>
<td>Credit and hours to be arranged</td>
<td></td>
</tr>
<tr>
<td>A</td>
<td>Thursday</td>
<td>4:30 P.M. - 7:00 P.M.</td>
</tr>
<tr>
<td>B</td>
<td>Daily</td>
<td>8:30 A.M. - 4:00 P.M.</td>
</tr>
<tr>
<td>C</td>
<td>Saturday</td>
<td>8:00 A.M. - 12:00 A.M.</td>
</tr>
<tr>
<td>D</td>
<td>Daily</td>
<td>8:30 A.M. - 11:20 A.M.</td>
</tr>
<tr>
<td>U</td>
<td>Undergraduate credit only</td>
<td></td>
</tr>
<tr>
<td>UG</td>
<td>Undergraduate &amp; Graduate credit</td>
<td></td>
</tr>
<tr>
<td>G</td>
<td>Graduate credit only</td>
<td></td>
</tr>
</tbody>
</table>